

Shenyang Bluelight Automatic Technology Co., Ltd

# Model Selection Manual for Bluelight Call Board

V4.1.8

Center of production planning & popularizing

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	Model	BL	200	Order Information: O-HAH-M2.1 Red: Conventional supply cycle Orange: Contact sale manager for confirmation					
Туре	of Dot Matrix		Squ	are dot matrix					
Displ	Vertical								
Dime	nsions of PCB	1	L50mr	m*65mm*23mm					
Dimensions of	L86mr	m*70mm*27mm							
LED Pilot	Lamp (Optional)	L	.eft & Right						
		1	Inf	formation for similar	type	1			
	Model			Display C	olor		PCB C	olor	
В	BL2000-HAH-M2.1 A/B			Red/Orai	nge		Gree	en	
F	R2000-HAH-V9.2 A/B			Red/Ora	nge		Bla	ck	
		Term	inal d	efinition and function	n descrij	otion			
Terminal	Terminal specifications	Function				Pin d	efinition	1	
				1		2	3	4	
PW	3.96-4 180°	Power & Communication		24V		GND	CANH	CANL	
SH	2.54-4 180°	Up call button		Up call answer(SD)		24V	24V	Up call input <mark>(SH)</mark>	
ХН	2.54-4 180°	Down call butto	con Down call 24V answer(XD)		24V	24V	Down call input(XH)		
BYO	2.54-4 180°	Serial parking in	put	Standby answer		24V	24V	Serial parking input <mark>(DS)</mark>	
BY1	2.54-4 180°	Serial fire input		Standby answer		24V	24V	Serial fire service input <mark>(XF)</mark>	
DZD	2.54-4 180°	Arrival lamp out	put	Up arrival lamp output <mark>(SDZ)</mark>	Up arrival lamp Down arrival la output(SDZ) output(XDZ		GND	24V	
DZZ	2.54-4 180°	Arrival bell outp	ut	Arrival bell Unused Unused			GND	24V	
S1	2.54-2 180°	Serial communio terminal resisto jumper (on boai	cation r rd)	Short jumper to con	nect ser	erial communication terminal resistor.			
SZ	2.54-2 180°	Address Setting Jumper		Refer to Appendix A	.1 for de	tails.			
AN		Address Setting	key	Refer to Appendix A	.1 for de	tails.			
LED Pilot Lamp Display		Default setting: Left for User Right for Full loa	nd	These LEDs can be v	ariously	configured. R	efer to Appendix B.1 for	details.	
JC.EN	2.54-2 180°	Function Setting Jumper	Ş	Short JC and EN at th Refer to Appendix B	ne same .1 for de	time, after po tails.	ower on, enter the funct	tion setting mode.	
			Ter	minal connection dia	gram				
SH	XH			BYO	E	SY1	DZD	DZZ	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				30 40 AF2	L Z Z Z Z Z Z Z Z Z Z Z Z Z	10 20 30 40 10 20 30 40 17 20 30 40 18 20 10 20 10 10 10 20 10 10 10 10 10 10 10 10 10 10 10 10 10			
Note: The square b	bond pad of foot pins on	terminal's back	is No.	ا 1. To the other side, 1	hey are	No.2, No.3 an	d No.4 in sequence.		



Note: Dimensions of installation baseboard refer to Appendix C for details.

Model			BL2000-HAI	H-B9.1	со	Order Information: Contact sale manager for confirmation			
Type of Dot Ma	atrix		Round dot m	iatrix					
Display Direct		Vertical							
Dimensions of	РСВ		150mm*65mm <sup>*</sup>	*23mm	23mm				
Dimensions of Installation	on Baseboard		186mm*70mm <sup>*</sup>	*27mm	7mm				
LED Pilot Lamp (O	ptional)		Left & Rig	ht			0003 JE .		
			Informatio	on for similar type		T			
Мс	odel			Model			Мо	odel	
BL2000-H	AH-B9.1 A			Red			Gre	een	
			Terminal definition	n and function descr	iption	•			
Torminal	Terminal		Eunction			Pin d	efinition		
Terminai	specifications	;		1	$\square$	2	3	4	
PW	3.96-4 180°	Power	& Communication	24V		GND	CANH	CANL	
SH	2.54-4 180°	Up call	button	Up call answer(SD)		24V	24V	Up call input(SH)	
хн	2.54-4 180°	Down c	all button	Down call answer(XD)		24V	24V	Down call input(XH)	
ВҮО	2.54-4 180°	Serial p	arking input	Standby answer		24V	24V	Serial parking input <mark>(DS)</mark>	
BY1	2.54-4 180°	Serial fi	ire input	Standby answer		24V	24V	Serial fire service input <mark>(XF)</mark>	
DZD	2.54-4 180°	Arrival	lamp output	Up arrival lamp output <mark>(SDZ)</mark>	val lamp Down a ut <mark>(SDZ)</mark> outp		GND	24V	
DZZ	2.54-4 180°	Arrival	bell output	Arrival bell output <mark>(DZZ)</mark>		Unused GND		24V	
S1	2.54-2 180°	Serial c termina board)	ommunication al resistor jumper (on	Short jumper to con	to connect CAN communication terminal resistor.				
SZ	2.54-2 180°	Addres	s Setting Jumper	Refer to Appendix A	1 for d	etails.			
AN		Addres	s Setting key	Refer to Appendix A	.1 for d	etails.			
LED Pilot Lamp Display		Default Left for Right fo	setting: User or Full load	These LEDs can be v	variously	y configured	. Refer to Apper	ndix B.1 for details.	
JC, EN	2.54-2 180°	Functic	n Setting Jumper	Short JC and EN at t mode. Refer to App	he same endix B	e time, after .1 for details	r power on, ente 5.	er the function setting	
			Terminal co	onnection diagram					
SH	XH		BYO	BY1			DZD	DZZ	
	x x x x x x x x x x x x x x	40 HX					GND 65 240 05 240 05 1 1 1 1 1 1 1 1 1 1 1 1 1	10 20 30 40 ZZ 00 ZZ 00 S	
Note: The square bond p	bad of foot pins	on termina	al's back is No.1. To the	other side, they are	No.2, N	No.3 and No	.4 in sequence.	1	



	Model		BL20	00-HAH	I-M4.1	Order Ir confirmati	formation: on	Contact	sale manager for		
Ţ	pe of Dot Ma	atrix		Sc	quare dot m	atrix		8*88 I			
Display Direction				Vertical							
Dimonsions of PCR				 150mm*65mm*23mm							
Dimension	s of Installatio	on Baseboard		186r	mm*70mm <sup>*</sup>	*27mm					
LED F	Pilot Lamp (O	ptional)			Left & Righ	nt					
					Informatio	on for similar type					
	Mo	odel				Model			Model		
	BL2000-HA	H-M4.1 A/B			Rec	d/Orange			Green		
	FJ-HTB-\	/9.1 A/B			Rec	d/Orange			Green		
Torr	ninal			Termin	al definition	n and function descri	iption Dir	definition			
BL2000-		Terminal specification	c	Functio	n		r				
HAH-M4.1	FJ-H1B-V9.1	specification				1	2	3	5	4	
PW	J1	3.96-4 180°	Power	& Commun	nication	24V	GND	CAN	NH	CANL	
SH	J2	2.54-4 180°	Up call	button		Up call answer(SD)	24V	24	V	Up call input <mark>(SH)</mark>	
хн	J3	2.54-4 180°	Down o	call button		Down call answer <mark>(XD)</mark>	24V	24	V	Down call input <mark>(XH)</mark>	
BY	J4	2.54-4 180°	Serial p	barking inpu	ut	Standby answer	24V	24	V	Serial parking input( <mark>DS)</mark>	
DZD	J5	2.54-4 180°	Arrival	lamp outpu	ut	Up arrival lamp output A <mark>(SDZ-A)</mark>	Up arrival lamp output B <mark>(SDZ-B</mark>	Down arri ) Output A	ival lamp (XDZ-A)	Down arrival lamp output B <mark>(XDZ-B)</mark>	
DZZ	Je	2.54-4 180°	Arrival	bell output	:	Arrival bell output A <mark>(DZZ-A)</mark>	Arrival bell outp B <mark>(DZZ-B)</mark>	ut GN	24V		
s	1	2.54-2 180°	Serial c termina board)	communicat al resistor ji	tion umper (on	Short jumper to connect CAN communication terminal resistor.					
S	Z	2.54-2 180°	Addres	s Setting Ju	Imper	Refer to Appendix A.1 for details.					
A	N		Addres	s Setting ke	ey	Refer to Appendix A.1 for details.					
LED Pilot La	amp Display		Default Left for Right fo	t setting: <sup>-</sup> User or Full load		These LEDs can be variously configured. Refer to Appendix B.1 for details.					
L	с	2.54-2 180°	Functic	on Setting J	umper	Short JC, after powe button and down ca function setting mo Appendix B.1 for de	er on, enter the se Ill button at the s de. Many differer tails.	elf-detecting f ame time, afte nt setting opti	function m er 2 secor ons are av	node, press up call nds enter the vailable, refer to	
					Terminal co	onnection diagram					
	J2		J3			J4	J5			Je	
		203040 247 00 HX			20 30 40 AFZ AU SC AU SC AU AU AU AU AU AU AU AU AU AU	10 20 30 VZOS	A 4 8ZGX	1 4442	20 30 40 20 30 40 30 40 10 10 10 10 10 10 10 10 10 10 10 10 10		



Mo	del	BL2000	-HAH-N1.2 Order Information: A1-Conventional supply cycle B1/A2/B2- Contact sale manager for confirmation						
Type of D	ot Matrix	Round dot mate	rix/ Square dot matrix					FE ADDO HULL NILL POLIDO CHILL NILLI	
Display I	Direction	N	/ertical						
Dimensio	ons of PCB	147mm*	6mm*8.5mm						
Dimensions o basel	of installation board	No install	ation baseboard						
LED Pilot Lar	mp(optional)	Lef	Left & Right						
			Information for simila	ar type					
	Model			Display	y Color			PCB Color	
BL2	000-HAH-N1.2 A1/	/B1/A2/B2	Red round dot n Red square dot n	natrix /C natrix /C	Drange round do Drange square d	ot matrix lot matrix		Green	
		Termi	nal definition and functi	ion desc	ription	<b>6</b>			
Terminal	Terminal	Function		1	Pin det	finition			
	specifications		1		2	3	3	4	
PW	3.96-4 90°	Power & Communication	24V		GND	CAI	NH	CANL	
SH	2.54-4 90°	Up call button	Up call answer <mark>(SD)</mark>		24V	24	١V	Up call input <mark>(SH)</mark>	
ХН	2.54-4 90°	Down call button	Down call answer(XD)		24V	24	IV	Down call input <mark>(XH)</mark>	
ВҮ	2.54-4 90°	Serial input port	24V	Ser ii	rial parking nput <mark>(DS)</mark>	24	١V	Serial fire input <mark>(XF)</mark>	
7		Arrival signals output	1-24V 2-Up arrival lamp 3 output(SDZ)		3-Down ar output	rrival lamp t <mark>(XDZ)</mark>	4-Arrival bell output <mark>(DZZ)</mark>		
DZ	2.54-5 90		5-GND						
S1	2.54-2 90°	CAN communication terminal resistor jumper(on board)	Short ju	mper to	o connect CAN communication terminal resistor.				
EN	2.54-2 90°	Address Setting Jumper		Ref	efer to Appendix A.1, A.2 for details.				
AN		Address Setting key		Ref	er to Appendix	A.1, A.2 for (	details.		
LED Pilot Lamp Display		Default setting: Used for the left, Full load for the right	These LEDs	can be v	ariously configu	ured. Refer to	o Appendix	B.1 for details.	
JC.EN	2.54-2 90°	Function Setting Jumper	Short JC and EN at the Appendix B.1 for detail	same tir s.	ne, after power	on, enter th	ne function s	setting mode. Refer to	
			Terminal connection d	liagram					
5	SH	XH			BY			DZ	
I     I <td>40 HX</td> <td colspan="5"><math display="block">\begin{array}{c c c c c c c c c c c c c c c c c c c </math></td>			40 HX	$\begin{array}{c c c c c c c c c c c c c c c c c c c $					
Note: The square b	oond pad of foot p	ins on terminal's back is I	No.1. To the other side,	they are	No2, No3 and	No.4 in sequ	ience.		

## BL2000-HAH-N1.2 Dimensional Drawing



Model	E	3L2000-HAH-I	N5	Order Informa	Order Information: Contact sale manager for confirmation			
Type of Dot Matrix		Round dot matrix		<ul> <li>अप्र 🚍 ।</li> </ul>				
Display Direction		Vertical						
Dimensions of PCB	11	13mm*83mm*8.5	mm					
Dimensions of Installation Baseboard	Ν	o installation basebo	bard					
LED Pilot Lamp		None				7777		
			nformation for similar	type				
	Model		Dis	play Color		PCB Color		
BL2	2000-HAH-N5- A/B		Rec	d /Orange		Green		
		Termina	definition and function	n description				
Terminal	Terminal	Function		Pin def	inition	1		
	Specifications		1	2	3	4		
PW	3.96-4 90°	Power & Communication	24V	GND	CANH	CANL		
SH	2.54-4 90°	Up call button	Up call answer <mark>(SD)</mark>	24V	24V	Up call input <mark>(SH)</mark>		
хн	2.54-4 90°	Down call button	Down call answer <mark>(XD)</mark>	24V	24V	Down call input(XH)		
DS	2.54-2 90°	Serial parking input	24V	Serial parking input <mark>(DS)</mark>				
XF	2.54-2 90°	Serial fire service input	24V	Serial fire service input <mark>(XF)</mark>				
S1	2.54-2 90°	CAN communication terminal resistor jumper (on board)	Short jur	nper to connect CAN co	ommunication termin	al resistor.		
SZ	2.54-2 90°	Floor Address Setting Jumper		Refer to Append	ix A.1 for details.			
AN		Floor Address Setting key		Refer to Appen	dix A.1 for details.			
JC,EN	2.54-2 90°	Function Setting Jumper	Short JC and EN at the to Appendix B.1 for de	same time, after powe tails.	r on, enter the function	on setting mode. Refer		
		Т	erminal connection dia	ngram				
S	Н		ХН	DS		XF		
11-20 3 8 8 8 8 8 8 8 8 8 9	30 40 ₩7 5	10 2	20 30 40	102 D NH2		102 XF Z4V		
Note: The square bond	pad of foot pins on	terminal's back is N	o.1. To the other side, t	hey are No2, No3 and I	No.4 in sequence.			



Model		BL2000-H	IAH-N6	Order Informa A1/B1/B2- Cor	Order Information: A2-Conventional supply cycle A1/B1/B2- Contact sale manager for confirmation					
Type of Dot Matrix	Ro	ound dot matrix/ S	quare dot matrix							
Display Direction		Verti	cal							
Dimension of PCB		134mm*76m								
Dimension of Installation Baseboard		No installation	) baseboard							
LED Pilot Lamp		Non	e							
			Information for sim	ilar type						
	Model		Dis	play Color		ŀ	PCB Color			
BL2000-HA	AH-N6- A1/B1/A2	2/B2	Red round dot matri Red square dot matri	x /Orange round dot ma x /Orange square dot ma	trix atrix		Green			
	1	Terr	minal definition and fund	ction description						
Terminal	Terminal	Function		Pin def	inition	2				
	Specifications		1	2		3	4			
PW	2.54-4 90°	Power & Communication	24V	GND	C	CANH	CANL			
SH	2.54-4 90°	Up call button	Up call answer(SD)	24V		24V	Up call input <mark>(SH)</mark>			
хн	2.54-4 90°	Down call button	Down call answer(XD)	24V		24V	Down call input <mark>(XH)</mark>			
J1	2.54-4 90°	Serial input port	24V	Serial parking input <mark>(DS)</mark>	:	24V	Serial fire input <mark>(XF)</mark>			
J2	2.54-4 90°	Arrival signals output	Up arrival lamp output <mark>(SDZ)</mark>	Down arrival lamp output <mark>(XDZ)</mark>	Arri outp	ival bell out <mark>(DZZ)</mark>	GND			
S1	2.54-2 90°	CAN communication terminal resistor jumper (on board)	Short ju	imper to connect CAN co	ommunica	ition terminal	resistor.			
SZ	2.54-2 90°	Address Setting Jumper		Refer to Appendix A	A.1, A.2 fo	or details.				
JL	2.54-2 90°	Checking Function Jumper	Sh	ort JC, after power on, e	nter the s	elf-checking r	node.			
JC,SZ	2.54-2 90°	Function Setting Jumper	Short JC and SZ at the sa Appendix B.1 for details	ame time, after power oi 	n, enter th	ne function se	etting mode. Refer to			
			Terminal connection	diagram						
SH			ХН	J1			J2			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					1	T T T T T T T T T T T T T T T T T T T				
Note: The square bond	pad of foot pins	on terminal's back	is No.1. To the other sid	le, they are No2, No3 and	d No.4 in s	sequence.				



	Model		BL2000	-HAH-N7	7	Ord	Order Information: Contact sale manager for confirmation				
Type of Dot Matrix         Round dot matrix/ Square dot matrix								1.697			
D	isplay Direction		Ve	Vertical							
Di	imension of PCB	( The thickne	172mm*7 ss contains P\	4mm*19mm N power terr	ninals of 11m	ım )					
Dime	nsion of Installat Baseboard	ion	No installat	No installation baseboard							
	LED Pilot Lamp		Ν	one							
			T	Information	n for similar ty	/pe					
	Mode	el			Display Co	olor				PCB Col	or
E	3L2000-HAH-N7-/	A1/B1/A2/B2	R	ed round dot ed square dot	t matrix /Orai t matrix /Orai	nge round do nge square d	ot matrix ot matrix			Green	
	1		Termin	al definition	and function	description					
Terminal	Terminal	Function		1	1	Pin de	finition	1		1	
	Specifications		1	2	3	4	5	6		7	8
P1	ZH-WT-8A	Up&down call button	24V	Up call input <mark>(SH)</mark>	Up call answer <mark>(SD)</mark>	24V	24V	Down ansv <mark>(XE</mark>	i call ver <mark>))</mark>	Down call input <mark>(XH)</mark>	24V
P2	ZH-WT-2A	Serial parking input	Serial parking input (DS)	24V							
Р3	ZH-WT-2A	Serial fire input	Serial fire input (XF)	24V							
P4	3.96-4 180°	Power & Communication	24V	GND	CANH	CANL					
Р5	ZH-WT-4A	Arrival signals output	Up arrival lamp output <mark>(SDZ)</mark>	Down arrival lamp output XDZ)	Arrival bell output (DZZ)	GND					
J5	2.54-3-90°	CAN communication terminal resistor jumper (on board)	Short ON	l jumper to co	onnect CAN c	ommunicatio	on terminal re	esistor.			
SET		Address Setting button	Refer to .	Appendix A.1	., A.2 for deta	ils.					
JC	2.54-2-90°	Checking Function Jumper	Short JC,	after power	on, enter the	self-checkin	g mode, refer	to the	user i	manual.	
				Terminal cor	nnection diag	ram					
	P1	L		P2			P3			P5	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				DS 1 24V 5 74V			XE 1 24V 2			1 2 3 4 0	
Note:	Terminal P1, P	2, P3 and P5 are o	f ZH-WT ser	ies.					1		



Мо	del	BL200	Ю-НАН-С9	Order Inf Red: Con Orange: (	Order Information: Red: Conventional supply cycle Orange: Contact sale manager for confirmation			
Type of D	ot Matrix	Squar	e dot matrix		· · · · · · · · · · · · · · · · · · ·			
Display [	Direction	,	Vertical					
Dimensio	ns of PCB	150mm*	65mm*21mm					
Dimensions of Inst	allation Baseboard	186mm <sup>-</sup>	*70mm*27mm					
LED Pilot Lan	np (optional)	Lef	t and right		- <u></u>			
			Information for sir	nilar type				
	Model		Display Colo	r		PCB C	olor	
BL20	00-HAH-C9 A/B		Red/Orange			Gree	en	
	<b>T</b>	Tern	ninal definition and fui	iction description		2		
Terminal	Terminal Specifications	Function	1		in definition	ן כ	4	
PW	3.96-4 180°	Power &	1 24V	GND		CANH	CANL	
SH	2.54-4 180°	Up call button	Up call answer(SD)	24V		24V	Up call input(SH)	
хн	2.54-4 180°	Down call button	Down call answer(XD	) 24V		24V	Down call input(XH)	
ВҮО	2.54-4 180°	Serial parking input	Standby answer	24V		24V	Parking(DS)	
BY1	2.54-4 180°	Serial fire input	Standby answer	24V		24V	Fire <mark>(XF)</mark>	
DZD	2.54-4 180°	Arrival lamp output	Up arrival lamp output <mark>(SDZ)</mark>	Down arrival la output(XDZ)	mp	GND	24V	
DZZ	2.54-4 180°	Arrival bell output	Arrival bell output <mark>(DZZ)</mark>	Unused		GND	24V	
S1	2.54-2 180°	CAN communication terminal resistor jumper (on board)	Short	jumper to connect (	to connect CAN communication terminal resistor.			
SZ	2.54-2 180°	Address Setting Jumper		Refer to Ap	opendix A.1	for details.		
AN		Address Setting key-press		Refer to Ap	Refer to Appendix A.1 for details.			
LED Pilot Lamp Display		Default setting: Used for the left, Full load for the right	These LED	s can be variously c	onfigured. R	efer to Appendi	x B.1 for details.	
JC,EN	2.54-2 180°	Function Setting Jumper	Short JC and EN	at the same time, a Refer to A	fter power o ppendix B.1	on, enter the fur for details.	ction setting mode.	
			Terminal connectio	n diagram				
SH	ХН		BYO	BY1	D	ZD	DZZ	
10 20 30 40 0 <del>8</del> 0 <del>8</del> 10 20 30 40	X 42 X 42 X 42 X 42 X 42 X 42 X 42		20 30 40 <del>20</del> <del>20</del> <del>20</del> <del>20</del> <del>20</del> <del>20</del> <del>20</del> <del>20</del>	24 X X X X X X X X X X X X X	1 Zas	GND 6 240 0 54 0 240 0 200 0 200000000	10 20 30 40 ZZ US VS ZZ	
Note: The square b	pond pad of foot pin	ns on terminal's back	is No.1. To the other s	ide, they are No2, N	lo3 and No.4	4 in sequence.		



Note: Refer to the fig.1 in Appendix C for the dimensions of installation baseboard.

Model		BL2000-HAH-E9.1				Order Information: A-Conventional supply cycle B-Contact sale manager for confirmation				
Type of Dot Ma	trix		Round d	ot matrix		•		•••••••••••••••••••••••••••••••••••••••		
Display Direction	on		Ver	tical						
Dimensions of F	РСВ	162.3	8mm*98	.5mm*22mm						
Dimensions of Installatio	n Baseboard	No	No installation baseboard			100 - 100 I				
LED Pilot Lam	p		Left ar	nd right						
			Information	for s	imilar type					
Мос			Display	/ Col	or		PCB C	Color		
BL2000-HAH			Red/O	rang	ge		Gre	en		
			Terminal definition and function description							
Terminal	Terminal	Fun	ction				Pin defir	nition		
	Specification	าร		1		2		3	4	
PW	3.96-4 180	。  Pov Commu	ver & unication	24V		GND		CANH	CANL	
SH	2.54-4 180	° Up cal	l button	Up call answer(	SD)	24V		24V	Up call input(SH)	
ХН	2.54-4 180	。 Dow bu	n call tton	Down call answer <mark>(XD)</mark>		24V		24V	Down call input(XH)	
ВҮО	2.54-4 180	Serial parking input		Standby answer		24V		24V	Serial parking input(DS)	
BY1	2.54-4 180	° Serial f	ire input	Standby answer		24V		24V	Serial fire input <mark>(XF)</mark>	
DZD	2.54-4 180	。  Arriva ou	al lamp tput	Up arrival lamp output <mark>(SDZ)</mark>		Down arrival lam output <mark>(XDZ)</mark>	np	GND	24V	
DZZ	2.54-4 180	。  Arriv ou	al bell tput	Arrival bell output <mark>(DZZ)</mark>		Unused		GND	24V	
S1	2.54-2 180	C commu termina jump bo	AN unication al resistor per (on ard)	Short jumper to	0 COI	onnect CAN communication terminal resistor.				
SZ	2.54-2 180	。 Addres Jur	s Setting nper	Refer to Appen	dix A	A.1 for details.				
AN		Addres key-	s Setting press	Refer to Appen	dix A	A.1 for details.				
LED Pilot Lamp Display		Defaul Used left, Ful the	t setting: for the I load for right	These LEDs can	ı be y	variously configured.	. Refer to	o Appendix B.1 for c	letails.	
JC,EN	2.54-2 180	。 Functio Jur	n Setting nper	Short JC and EN Refer to Appen	N at dix E	the same time, after B.1 for details.	power o	on, enter the functio	on setting mode.	
				Terminal conr	necti	ion diagram				
SH	XH BYO					BY1		DZD	DZZ	
2 1□ 20 30 40 00 ₹ ₹ ₹	1□ 20 30 Q	+ → 30 40 10 ₹		20 30 40 <u>A</u> <u>A</u> <u>A</u> <u>A</u> <u>A</u> <u>A</u> <u>A</u> <u>A</u>		I□     20     30     40       X     X     X		ZDZ 200 40 544 00 547 01 200 20 200 40	DZZ 10 20 30 40 54 7 40 54 7 40	
Note: The square bond p	لکی۔ ad of foot pin	s on termir	nal's back	is No.1. To the o	ther	لکی لکے ۔ side, they are No2, N	No3 and	No.4 in sequence.	1 1 1 1	



Model Selection Manual for Bluelight HCB call board

Shenyang Bluelight Automatic Technology Co.,Ltd

Model		BL2000-HBH-C9.1				Order II Red: Co Orange	Order Information: Red: Conventional supply cycle Orange: Contact sale manager for confirmation				
Type of Dot N	latrix		Squar	e dot matrix		t t	лина				
Display Direc	ction		Horizontal								
Dimensions o	f PCB	7	70mm *151mm*21mm								
Dimensions of installat	ion baseboard	Ν	lo install	ation baseboard		200 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100	<u>p</u>				
LED Pilot La			None								
				Information for	r similar	type					
M	odel			Display	Color		PCE	Color			
BL2000-H		Red/O	range		G	reen					
FJ-HPI-		Red/O	range		G	reen					
Terminal definition and function description											
Terminal Function Pin definition											
	Specifications			1		2	3	4			
PW	3.96-4 180°	Powe Commun	r & ication	24V	GND		CANH	CANL			
SH	2.54-4 180°	Up call b	utton	Up call answei	Up call answer(SD) 24V		24V	Up call input(SH)			
ХН	2.54-4 180°	Down call	button	Down call answer(XD)		24V	24V	Down call input(XH)			
BYO	2.54-4 180°	Serial parki	ng input	Standby answer		24V	24V	Parking(DS)			
BY1	2.54-4 180°	Serial fire	e input	Standby answer		24V	24V	Fire <mark>(XF)</mark>			
DZD	2.54-4 180°	Arrival lam	p output	Up arrival laı output <mark>(SD</mark> Z	mp <mark>Z)</mark>	Down arrival la output <mark>(XDZ)</mark>	mp GND	24V			
DZZ	2.54-4 180°	Arrival bel	output	Arrival bel output(DZZ	l Z)	Unused	Unused GND 2				
S1	2.54-2 180°	CAN communi terminal r jumper (or	N ication resistor n board)	Short jumper to	connec	t CAN communic	cation terminal resistor.				
SZ	2.54-2 180°	Address S Jump	Setting er	Refer to Append	lix A.1 fo	or details.					
AN		Address S key-pr	Setting Tess	Refer to Append	lix A.1 fo	or details.					
JC,EN	2.54-2 180°	Function Jump	Setting er	Short JC and EN Refer to Appen	at the s ndix B.1	ame time, after for details.	power on, enter the func	tion setting mode.			
				Terminal connect	ction dia	agram					
SH	XH		BYO BY1 DZD								
L 1□ 20 30 40 G AF 7 K	1□ 20 30 0	40 <del>X</del>	10	20 30 40 A7 A7 A7 C C C C C C C C C C C C C	10	<sup>1</sup> <sup>+</sup> 20 30 40 <u>A</u> 20 <del>1</del>	10 20 30 40 ZOS ZOX 10 ZOS 10				
Note: The square hond r	ad of foot nins of	) terminal	s hack is	No 1 To the othe	er side	they are No2 No	3 and No 4 in sequence				



Dimensional Drawing of the back

Мос	del	BL2	000-НВН-	N2.2	2 Order Information: Contact sale manager for confirmation					
Type of Do	ot Matrix	Round dot	: matrix/Square	e dot matrix						
Display D	virection		Horizontal							
Dimensior	ns of PCB	81n	nm*178mm*1	2mm				BANNY-HER-MEX ALL BIL MA IN		
Dimensions of insta	allation baseboard	No in	istallation base	eboard						
LED Pilo	t Lamp		None							
			Info	ormation for si	milar ty	/pe				
	Model			Display Co	olor			PCB (	Color	
BL2000-H	BH-N2.2 A1/B1/A2/	Red round do	ot matrix /Orar	nge rou	nd dot matrix/		Gre	en		
		efinition and fu	inction	description						
Tenningl	Terminal						Pin defi	nition		
Terminal	Specifications	Fu	Inction	1		2		3	4	
PW	3.96-4 90°	Pc Comn	ower & nunication	24V		GND		CANH	CANL	
SH	2.54-4 90°	Up ca	all button	Up call answe	er <mark>(SD)</mark>	24V		24V	Up call input <mark>(SH)</mark>	
хн	2.54-4 90°	Down	Down call button		Down call answer <mark>(XD)</mark>			24V	Down call input <mark>(XH)</mark>	
BYO	2.54-4 90°	Serial p	Serial parking input		swer	24V		24V	Serial parking input <mark>(DS)</mark>	
BY1	2.54-4 90°	Serial	fire input	Standby an	swer	24V		24V	Serial fire input(XF)	
DZD	2.54-4 90°	Arrival l	amp output	Up arrival lamp output <mark>(SDZ)</mark>		Down arrival lamp output <mark>(XDZ)</mark>		GND	24V	
DZZ	2.54-4 90°	Arrival	bell output	Arrival bell output <mark>(DZZ)</mark>		GND		5V	24V	
S1	2.54-2 90°	CAN cor terminal r (on	nmunication esistor jumper board)	SI	nort jun	nper to connect	t CAN co	mmunication tern	ninal resistor	
SZ	2.54-2 90°	Address S	etting Jumper			Refer to A	Appendix	A.1 for details.		
AN		Addre ke	ess Setting y-press			Refer to A	Appendix	A.1 for details.		
JC,EN	2.54-2 90°	Functi Ju	ion Setting umper	Short JC and	l EN at	the same time, Refer to A	after po Appendiz	wer on, enter the KB.1 for details.	function setting mode.	
			Terr	minal connection	on diag	ram				
SH	XI	1	BYC	)		BY1		DZD	DZZ	
I□ 20 30 40 G AP F F C F C F C	10 20 3 0 AP 2 F							ZDZ ZDZ 20 30 40 74 20 30 40 74 20 30 27 7 20 30 20 40 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 2	DZZ D CIND 02 5V 05 24V 04V 05 24V 05 200 200 200 200 200 200 200 200 200 2	
Note: The square b	oond pad of foot pin	s on termina	l's back is No.1	. To the other	side, th	ey are No2, No	3 and No	o.4 in sequence.		



Мо	del	BL2	000-HBH-E9.1	Order Info	Order Information: A-Conventional supply cycle B-Contact sale manager for confirmation						
Type of Do	ot Matrix	F	Round dot matrix								
Display D	virection		Horizontal								
Dimensior	ns of PCB	98.5n	nm*162.3mm*22mm			TARA RAY WINN TARA					
Dimensions of Insta	allation Baseboard	No ir	nstallation baseboard								
LED Pilo	t Lamp		Left and right								
			Informatior	n for similar type							
	Model		Dis	play Color		PCB (	Color				
BL20	000-HBH-E9.1 A/B		Ree	d/Orange		Gre	en				
			Terminal definition	and function descri	ption	5					
Terminal	Terminal Specifications		Function	1	Pin def	rinition	Δ				
PW	3.96-4 180°	Power	& Communication	24V	GND	CANH	CANL				
SH	2.54-4 180°	l	Jp call button	Up call answer(SD)	24V	24V	Up call input(SH)				
хн	2.54-4 180°	Do	own call button	Down call answer <mark>(XD)</mark>	24V	24V	Down call input(XH)				
вуо	2.54-4 180°	Ser	ial parking input	Standby answer	24V	24V	Serial parking input <mark>(DS)</mark>				
BY1	2.54-4 180°	Seria	l fire service input	Standby answer	24V	24V	Serial fire input(XF)				
DZD	2.54-4 180°	Arr	ival lamp output	Up arrival lamp output <mark>(SDZ)</mark>	Down arrival lamp output(XDZ)	GND	24V				
DZZ	2.54-4 180°	Arı	rival bell output	Arrival bell output <mark>(DZZ)</mark>	rrival bell Unused Itput <mark>(DZZ)</mark>		24V				
S1	2.54-2 180°	CAN con resisto	nmunication terminal r jumper (on board)	Short jumper to connect CAN communication terminal resistor							
sz	2.54-2 180°	Addre	ess Setting Jumper	Refer to Appendix	Refer to Appendix A.1 for details.						
AN		Addres	ss Setting key-press	Refer to Appendix	A.1 for details.						
LED Pilot Lamp Display		Default left, Fu	setting: Used for the ull load for the right	These LEDs can be	e variously configured	d. Refer to App	endix B.1 for details.				
JC,EN	2.54-2 180°	Funct	ion Setting Jumper	Short JC and EN a mode. Refer to Ap	t the same time, afte opendix B.1 for detail	r power on, er s.	iter the function setting				
			Terminal con	nnection diagram							
SH XH T T 10 20 30 40 B A A A K SH XH XH 10 20 30 40 C A A A K SH XH C A A A A A A A A A A A A A A A A A A A		BY0 P 10 20 30 40 AT AT S AT AT S AT AT A	BY1 10 20 30 4 20 30 4 20 30 4 20 30 4		2D 	DZZ					
Note: The square h	ond pad of foot pir		l's back is No 1. To the	other side, they are	No2_No3 and No 4	in sequence					



Shenyang Blue light Automatic Technology Co.,Ltd

Model		В	L2000-MBQ-	-V4.1		Order Info	rmation: (	Conventional s	supply cycle		
LCD type			8 inch TFT true co	olor				_			
Display Directio	'n		Horizontal/Verti	cal	بر د د	2					
Dimensions of P	СВ		155mm*216mm*2	4mm		ABLOOKE 0754	2012 11:15				
Dimensions of Instal Baseboard	llation	ſ	No installation base	board	oard						
			Info	ormation for	r similar ty	ире					
Mo	del			Display	Color			PCB Co	lor		
								Gree	n		
	Terminal definition and function description										
Terminal	Termi	inal	Function				Pin definiti	on			
	Specifica	ations	ns 1					3	4		
PW(J1)	3.96-4	180°	Power & Communication	24	V	GND		CANH	CANL		
SH(J2)	2.54-4	180°	Up call button	Up call ans	swer <mark>(SD)</mark>	24V		24V	Up call input <mark>(SH)</mark>		
XH <mark>(J3)</mark>	2.54-4	180°	Down call button	Down call answer <mark>(XD)</mark>		24V		24V	Down call input <mark>(XH)</mark>		
J4	2.54-4	180°	Serial input port	24	V	Serial parkiı input <mark>(DS)</mark>	ng	24V	Serial fire input <mark>(XF)</mark>		
J5	2.54-4	180°	Arrival signals output	Up arrival lamp output( <mark>SDZ)</mark>		Down arrival l output <mark>(XD</mark> 2	amp Dov Z)	wn arrival lamp output <mark>(DZZ)</mark>	GND		
S1	2.54-2	180°	CAN communication terminal resistor jumper (on board)	CAN ommunication rminal resistor oper (on board)		nper to connect	CAN comm	nunication termir	nal resistor		
SZ	2.54-2	180°	Address Setting Jumper	Refer to Appendix A.1 for details.							
AN			Address Setting key-press			Refer to A	ppendix A.	1 for details.			
57	2.54-2	180°	Memorizer jumper			SD c	ard as men	norizer.			
JC,SZ	2.54-2	180°	Function Setting Jumper	Short JC a status, k	and SZ at 1 backgroun	the same time, a d picture, and o ma	after power ther function	r on, enter the se ons will be config stails.	tting mode. Elevator gured. Refer to user		
			Terr	ninal conne	ction diag	ram					
SH			XH			J4			J5		
								Г	→		
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$											
Note: The square bond p	ad of foot p	ins on ter	minal's back is No.1	. To the oth	er side, th	ey are No.2, No	.3 and No.4	1 in sequence.			



Dimensional Drawing of the back

Model		BI	.2000-HEH-L4		Order Information: Conventional supply cycle					
LCD type		4.3	3 inch TFT true color				115			
Display Directio	on	ŀ	Horizontal/Vertical							
Dimensions of P	СВ	701	mm*161mm*9.6mm		111					
Dimensions of Insta Baseboard	llation	No i	nstallation baseboard							
			Informatior	n f <mark>or</mark> sir	nilar type					
Мо	del		Disp	olay Co	lor			PCB Color		
_	_							Green		
	Terminal definition	and fur	nction descrip	otion						
Torminal	Torminal S	posifications	Function				Pin def	inition		
Terminar	Terrinia S	pecifications	FUNCTION		1		2	3	4	
PW(J1)	3.96	5-4 90°	Power & Communication		24V	G	iND	CANH	CANL	
SH <mark>(J5)</mark>	2.54	-4 90°	Up call button	Up cal	ll answer <mark>(SD)</mark>	2	24V	24V	Up call input <mark>(SH)</mark>	
XH <mark>(J6)</mark>	2.54	-4 90°	Down call button	D an	Down call answer <mark>(XD)</mark>		24V	24V	Down call input <mark>(XH)</mark>	
J7	2.54	-4 90°	Serial parking input	24V		Serial parking input <mark>(DS)</mark>		24V	Serial fire input(XF)	
8L	2.54	-4 90°	Arrival signals output	Up arrival lamp output <mark>(SDZ)</mark>		Down ai outp	rrival lamp ut <mark>(XDZ)</mark>	Arrival bell output <mark>(DZZ)</mark>	GND	
S1	2.54	-2 90°	CAN communication terminal resistor jumper (on board)	Short	Short jumper to connect CAN communication terminal resistor					
SZ	2.54	-2 90°	Address Setting Jumper	Refer	to Appendix	A.1 for d	etails.			
AN			Address Setting key-press	Refer	to Appendix	A.1 for d	etails.			
JC,SZ	2.54	-2 90°	Function Setting Jumper	Short Eleva Refer	: JC and SZ at tor status, ba to user manu	the same ckgrounc ual for de	e time, after I picture, ar tails.	power on, enter th nd other functions w	e setting mode. /ill be configured.	
			Terminal con	nnectio	n diagram					
SH			ХН			J7			18	
10 20 30 40 10 20 30 40 0 At Z 5 5 5 5 5 5 5 5 5 5 5 5 5	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array} \\ \end{array} $					0 30 40 0 742 742				
Note: The square bond p	ad of foot p	ins on termin	al's back is No.1. To the o	other si	ide, they are	No.2, No.	3 and No.4	in sequence.		



Model		BL	2000-HEH-N	/12.3	Orde	r Inform	ation: Conv	entional supp	bly cycle	
LCD type		5	.6-inch TFT true co	olor	36					
Display Direc	ction		Horizontal/Vertic	al		2				
Dimensions o	f PCB	12	2mm*152mm*26.	152mm*26.5mm						
Dimensions of installat	ion baseboard	Nc	installation basek	board			2 Constants In			
			Inf	ormation for s	imilar type					
M	odel			Display Co	lor			PCB Colo	r	
_								Green		
Terminal definition and function description										
Terminal Pin definition										
Terminal	Specificatio	ns	Function	1	2		3		4	
PW <mark>(J1)</mark>	3.96-4 180	)° (	Power & Communication	24V	GND		CANH		CANL	
SH(J2)	2.54-4 180	)°	Up call button	Up call answer <mark>(SD)</mark>	24V		24V		Up call input <mark>(SH)</mark>	
XH <mark>(J3)</mark>	2.54-4 180	)° C	own call button	Down call answer <mark>(XD)</mark>	24V	24V			Down call input <mark>(XH)</mark>	
J4	2.54-4 180	)° S	Serial input port	24V	Serial parking input <mark>(DS)</mark>	24V			Serial fire input(XF)	
J5	2.54-4 180	)°	Arrival signals output	Up arrival lam output <mark>(SDZ</mark> )	Down arrival lamp output(XDZ)	Ar	rrival bell outp	out <mark>(DZZ)</mark>	GND	
S1	2.54-2 180	CA )° t ju	N communication erminal resistor mper (on board)	Short jumper to connect CAN communication terminal resistor						
SZ	2.54-2 180	)°	Address Setting Jumper	Refer to Appendix A.1 for details						
AN		Ac	ldress Setting key	Refer to Appe	endix A.1 for de	tails				
S7	2.54-2 180	)° r	nemory jumper	SD card as m	SD card as memory					
JC,SZ	2.54-2 180	)° F	Function Setting Jumper	Short JC and status, backg manual for d	SZ at the same round picture, a etails.	time, afte and other	r power on, e functions will	nter the setting I be configured.	mode. Elevator Refer to user	
	-		Ter	minal connecti	on diagram					
SH			ХН			14			15	
			K							
			-1 40 30 20 10 HX 47 77 77							
Note: The square bond	d pad of foot pir	s on tern	ninal's back is No.1	To the other	side, they are N	lo.2, No.3	and No.4 in s	equence.		



Shenyang Bluelight Automatic Technology Co.,Ltd

Model		BL	2000-HEH-M	3	Order I	Order Information: Contact sale manager for confirmation					
LCD type		5.6	-inch TFT true color						10 - 10 Martin deninde		
Display Direct	ion	н	lorizontal/Vertical		1 4 4 1 ( s		- 444 - 444 - 1484				
			*472 *40								
	РСВ	122	mm*1/2mm*18mr								
Dimensions of installation	on baseboard	No ir	nstallation baseboa			m	Grood: America				
			Informa	tion for s	imilar type	I					
M	odel 			Display C	olor			PCB Colo Green	pr		
			Terminal definit	ion and fu	unction des	cription					
- · ·	Termina	al	<b>-</b> .:			Pin	definitio	n			
Terminal	Specificati	ons	Function		1	2		3	4		
PW <mark>(J1)</mark>	3.96-4 18	0°	Power & Communication	2	24V	GND		CANH	CANL		
SH(J2)	2.54-4 18	0°	Up call button	Up call a	inswer <mark>(SD)</mark>	24V		24V	Up call input <mark>(SH)</mark>		
XH <mark>(J3)</mark>	2.54-4 18	:0° [	Down call button	Dov answ	vn call ver <mark>(XD)</mark>	24V		24V	Down call input(XH)		
J4	2.54-4 18	:0°	Serial input port	2	24V	Serial parking input(DS)		24V	Serial fire input(XF)		
J5	2.54-4 18	0° Arı	rival signals output	Up arr outp	ival lamp ut <mark>(SDZ)</mark>	Down arrival lam output(XDZ)	np /	Arrival bell output <mark>(DZZ)</mark>	GND		
S1	2.54-2 18	i0° t ju	N communication terminal resistor umper (on board)	sation stor Short jumper to connect CAN communication pard)				terminal resis	tor		
SZ	2.54-2 18	:0°	Address Setting Jumper	Refer to	Appendix /	A.1 for details					
AN		Ad	ddress Setting key	Refer to	Appendix /	A.1 for details					
57	2.54-2 18	:0°	memory jumper	SD card	as memory	,					
JC,SZ	2.54-2 18	0°	Function Setting Jumper	Short JC Elevator to user	C and SZ at t r status, bac manual for	he same time, afte kground picture, a details.	er power and othe	r on, enter the r functions wil	setting mode. I be configured. Refer		
			Terminal	connecti	on diagram						
SH			ХН			J4			J5		
4030201 H 77 H 77 H 77 H 77 H 77 H 77 H 77 H 7		40 30 20 10 HX R R R R R R R R R R R R R R R R R R R			40 30 20 1 40 30 1 40 3		40 BND 4	30 20 10 ZOX			
Note: The square bond p	oad of foot pins	on termina	l's back is No.1. To t	he other	side, they a	re No.2, No.3 and	No.4 in s	sequence.			



Model Selection Manual for Bluelight HCB call board

Shenyang Bluelight Automatic Technology Co.,Ltd

	Model	000	Order Inform	Order Information: Conventional supply cycle						
D	LCD type isplay Direction		Segn Ve	nent LCD ertical						
Di	mensions of PCB	140	40mm*76mm*13.5mm							
Dimensions of installation baseboard 14				79mm*13mm	- <u>- 715.</u> 2788			. 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
				Information for	simila	ar type				
	Model			Displa	ay Co	olor		PCB Co	olor	
BL2000-HEH-N2.1 A/B/C				ite character with character with Blac character with	<mark>Blue</mark> k bao Blacl	background /White ckground /Yellow k background		Gree	n	
			Termi	nal definition and f	funct	ion description				
Terminal	Terminal Specification	Function	Function 1			Pin def	inition	3	4	
PW	3.96-4 90°	Power & Communicat	ion	24V		GND		CANH	CANL	
SH	2.54-4 90°	Up call butto	on	Up call answer(S	SD)	24V		24V	Up call input <mark>(SH)</mark>	
хн	2.54-4 90°	Down call but	ton	Down call answer(XD)		24V		24V	Down call input(XH)	
J1	2.54-4 90°	Serial input p	ort	24V		Serial parking input <mark>(DS</mark>	)	24V	Serial parking input <mark>(XF)</mark>	
J2	2.54-4 90°	Arrival signals o	utput	Up arrival lamp output <mark>(SDZ)</mark>		Down arrival lamp output <mark>(XDZ)</mark> c		rrival bell ıtput <mark>(DZZ)</mark>	GND	
S1	2.54-2 90°	CAN communic terminal resis jumper (on bo	ation stor ard)	Short jumper to	conn	ect CAN communication terminal resistor				
AN		Address Sett key-press	ing	Refer to Appendi	ix A.1	L and A.2 for details.				
JC	2.54-2 90°	Checking & Fun Setting Jump	iction ber	Short JC, after po call button at the display informati	ower e sam ion ca	on, enter the self-check ne time, 2 or 3 seconds la an be configured. Refer f	ing mod ater, ent to Apper	e. Press the up er the function ndix B.2 for deta	call button and down setting mode, various iils.	
				Terminal connect	tion o	diagram				
	SH		Xł	Н		J1			J2	
	I     20 30 40       S     AP	1 E		30 40 HX		1 20 30 40 AF 20 AF 2 AF 2		<sup>⊥</sup> ZOS	20 ZOX	
Note: The so	quare bond pad of foot p	ns on terminal's	back i	s No.1. To the othe	er sid	e, they are No.2, No.3 a	nd No.4	in sequence.		


	Model	BL2000-H	IEH-N4.2	Order Information: B-Conventional supply cycle C/D-Contact sale manager for confirmation				
	LCD type	Segme	nt LCD	• @@		ELZOV-HSH-NAZ		
D	Display Direction	Vert	ical					
Di	mensions of PCB	134mm*72r	nm*7.5mm					
Dimensions	s of installation baseboar	d No installatio	n baseboard		○美術新報報: 項目: ⇒************************************			
			Information for	similar type				
	Model		Display	Color		PCI	B Color	
BL2	000-HEH-N4.2 B/C/D	White character w background	vith Black backgrou Yellow-green char	und /Orange character with B acter with Black background	lack	E	Black	
		Termiı	nal definition and f	function description	aitian			
Terminal	Terminal Specification	Function	1	2	ntion	3	4	
PW	2.54-4 90°	Power & Communication	24V	GND		CANH	CANL	
SH	2.54-4 90°	Up call button	Up call answer <mark>(SD)</mark>	24V		24V	Up call input <mark>(SH)</mark>	
хн	2.54-4 90°	Down call button	Down call answer <mark>(XD)</mark>	24V		24V	Down call input(XH)	
J1	2.54-4 90°	Serial input port	24V	Serial parking input(DS)		24V	Serial parking input(XF)	
J2	2.54-4 90°	Arrival signals output	Up arrival lamp output(SDZ)Down arrival lamp output(XDZ)Arrival bell output(DZZ)				GND	
S1	2.54-2 90°	CAN communication terminal resistor jumper (on board)	Short jumper to	connect CAN communication	terminal	resistor		
SZ	2.54-2 90°	Address Setting Jumper	Refer to Append	ix A.1, A.2 for details				
JC,SZ	2.54-2 90°	Function Setting Jumper	Short JC and SZ a user manual for	at the same time, after power details.	on, ente	er the setting m	node. Refer to the	
			Terminal connect	tion diagram	,			
	SH	XH	ł	J1			J2	
	I 20 30 40   I 20 30 40   Gs NP3 Hs   y y	T T T T T T T T T T T T T T T T T T T	0 40 <del>X</del> X	1 20 30 40 27 2 2 20 30 40 27 2 20 30 40 20 40 20 30 40 20 40 20 30 40 20 40 2		1 ZOS	20 30 4 0 ZOX	



Dimensional Drawing of the back

	Model	BL2000-	HEH-N6	Order Information: Contact sale manager for confirmation							
	LCD type	Segme	nt LCD			<b>()</b>					
D	isplay Direction	Vert	ical								
Di	mensions of PCB	140mm*140	0mm*12mm			8					
Dimensions	of installation baseboar	rd No installatio	n baseboard			Internet e					
			Information for	similar type							
	Model		Display	Color	PC	B Color					
BL2(	000-HEH-N4.1 B/C/D	White character w background/	vith Black backgro Yellow-green chai	und / <mark>Orange character</mark> with Bla racter with Black background	ack	Black					
	Terminal definition and function description										
Terminal	Terminal Specification	Function		Pin defini	tion						
Terrinia	Terminal Speemeation		1	2	3	4					
PW	3.96-4 90°	Power & Communication	24V	GND	CANH	CANL					
PW1	2.54-4 90°	Power & Communication (Optional welding)	24V	GND	CANH	CANL					
PW and PW thick.	1 are all power supply po	orts. PW is 3.96 mm pit	ch, and PW1 is 2.5	54 mm pitch. The product with F	PW is 12 mm thick, a	nd with PW1 is 7.5mm					
S1	S12.54-2 90°CAN communication terminal resistor jumper (on board)Short jumper to connect CAN communication terminal resistor.										
SZ	2.54-2 90°	Address Setting Jumper	Short SZ, then po	ower on to enter setting functio	on. Refer to the user r	manual for details.					
Note: The so	quare bond pad of foot pi	ins on terminal's back i	s No.1. To the othe	er side, they are No.2, No.3 and	No.4 in sequence.						



	Model		BL	.2000-HE	H-N7	Ord	Order Information: Contact sale manager for confirmation						
	LCD type			Segment L	.CD					•			
D	isplay Direction			Vertical	I			X					
Di	mensions of PCE	5	17 (The thicknes	2mm*74mm ss contains P\ of 11mm	*19mm V power terr າ)	minals		<u>₩1</u> ₩1 ₩ <u>₩</u> ₩ #≈×&⊖					
Dimei	nsions of installa baseboard	tion	No	installation b	aseboard								
	LED Pilot Lamp			None					• • • • • • • • • • • • • • • • • • •				
					Informatior	n for similar t	уре						
	Mode	el				Display C	Color			PCB Col	or		
	BL2000-HEH-	N7 B/C/	/D	White chara <mark>backgr</mark>	acter with Bla ound <mark>/</mark> Yellow	ick backgroui -green chara	nd <mark>/Orange c</mark> cter with Blac	<b>haracter</b> with ck background	Black d	Black			
				Termin	and function	description							
Townsing	Terminal		·				Pin de	finition					
Terminal	Specification	F	unction	1	2	3	4	5	6	7	8		
P1	ZH-WT-8A	Up 8	& down call button	24V	Up call input <mark>(SH)</mark>	Up call answer <mark>(SD</mark> )	24V	24V	Down call answer (XD)	Down call input <mark>(XH)</mark>	24V		
P2	ZH-WT-2A	Serial	parking input	Serial parking input (DS)	24V								
Р3	ZH-WT-2A	Seria	al fire input	Serial fire input <mark>(XF)</mark>	24V								
P4	3.96-4 180°	F Com	Power & munication	24V	GND	CANH	CANL						
Р5	ZH-WT-4A	Arri	ival signals output	Up arrival lamp output <mark>(SDZ)</mark>	Down arrival lamp output XDZ)	Arrival bell output (DZZ)	GND						
J5	2.54-3-90°	CAN co term jumpe	ommunication inal resistor er (on board)	Short ON	l jumper to c	onnect CAN (	communicatio	on terminal re	esistor.				
SET		Addı	ress Setting button	Refer to a	Appendix A.1	., A.2 for deta	ails.						
JC	2.54-2-90°	Check	ting Function Jumper	Short JC,	after power	on, enter the	e self-checkin	g mode, refer	to the user i	manual.			
					Terminal con	nnection dia	gram						
	P1	L			P2			P3		P5			
	I I   1 2 3 4 5 6 7 8   AB B B B B B B B B				1 2 S47			XF 1 24V 5		1 2 3 ZOX			
Note:	Note: Terminal P1, P2, P3 and P5 are of ZH-WT series.												



Model BL2000-HE							Order Information: Contact sale manager for confirmation						
	LCD type			Segme	ent LCD								
	Display Direction	ı		Ver	tical					BL2000-HEH-N6 A = B = C =			
	Dimensions of PC	В	(The thick	172mm*74 sness contain 11n	mm*19mm s PW power 1 nm)	terminals.			ħ,				
Dime	ensions of install baseboard	ation		No installatio	on baseboard								
	LED Pilot Lamp			Nc	one								
			1		Information	n for similar t	r type						
	Mode	<u>e</u> l				Display C	olor			PCB Col	lor		
	BL2000-HEH-	N8 A/B/C		<mark>White char</mark> bac	r <mark>acter with Bl</mark> kground <mark>/</mark> Yell	<mark>ue backgrou</mark> ow character	nd <mark>/</mark> White ch r with Black b	aracter with ackground	Black	Greer	ı		
			Termir	and function	description								
Torminal	Terminal	<b>F</b>				Pin de	finition						
Terminal	Specifications	Fur	iction	1	2	3	4	5	6	7	8		
P1	ZH-WT-8A	Up & զ bւ	down call itton	24V	Up call input <mark>(SH)</mark>	Up call answer <mark>(SD)</mark>	24V	24V	Down cal answer (XD)	Down call input (XH)	24V		
P2	ZH-WT-2A	Serial pa	rking input	Serial parking input (DS)	24V								
P3	ZH-WT-2A	Serial	fire input	Serial fire input <mark>(XF)</mark>	24V								
P4	3.96-4 180°	Pov Comm	wer & unication	24V	GND	CANH	CANL						
Р5	ZH-WT-4A	Arriva ou	ıl signals ıtput	Up arrival lamp output (SDZ)	Down arrival lamp output XDZ)	Arrival bell output (DZZ)	GND						
J5	2.54-3-90°	CAN com termin jumper	munication al resistor (on board)	Short ON	l jumper to co	onnect CAN o	communicatio	on terminal re	esistor.				
SET		Addres bເ	ss Setting Itton	Refer to .	Appendix A.1	, A.2 for deta	ails.						
JC	2.54-2-90°	Checkin Jui	g Function mper	Short JC,	after power	on, enter the	e self-checkin	g mode, refei	r to the use	r manual.			
					Terminal cor	nnection diag	gram						
	P1	L			P2			P3		P5	;		
	I 2 3 4 5 6 7 8   1 2 3 4 5 6 7 8   Ag Ag Ag Ag Ag Ag Ag				1 2 Sd 74 Z			XF 1 24V 5	1 2 ZOX				
Note:	Note: Terminal P1, P2, P3 and P5 are of ZH-WT series.												



	Model		BL2000-	HEH-N	10	Order Information: B-Conventional supply cycle C/D-Contact sale manager for confirmation							
	LCD type		Segme	ent LCD									
Dis	splay Direction		Vei	rtical						a, 16.0000-19211-1930 B C D D D			
Dim	Dimensions of PCB   130mm*72mm*6mm     Dimensions of PCB   (The thickness contains PW power terminals. 14.6mm)     No installation baseboard   No installation baseboard												
Dimensions of installation baseboard   Compatible with our XS456 hall call box, Please refer to XS456 instruction for detail										2			
Information for similar type													
	Model				Displa	y Color				PCB C	olor		
BL2000-HEH-N10 B/C/D   White character with Black background/Yellow green character with Black   Black background/Yellow green character with Black   Black     background   Black background/Yellow green character with Black   Black background/Yellow green character with Black   Black background/Yellow green character with Black													
				Terminal	definition	and function	descriptio	n					
Pin definition													
Terminal	Function		1	2	3	4	5	6	7	8	9	10	
PW <sup>note2</sup>	Power & Communi	cation	24V	GND	CANH	CANL							
J1 <sup>note3</sup>	Serial input and an output	rrival	Serial parking input (DS)	24V	24V	Serial fire input <mark>(XF)</mark>	Up arrival lamp output (SDZ)	Down arrival lamp output (XDZ)	Arrival bell output (DZZ)	GND			
J2 <sup>note4</sup>	Up & down call bu	utton	24V	24V	24V	Serial parking input <mark>(DS)</mark>	Up call input <mark>(SH)</mark>	Down call input <mark>(XH)</mark>	Up call answer (SD)	Down call answer (XD)	GND	GND	
S1	CAN communica terminal resistor jum board)	tion iper (on		:	Short ON j	umper to con	nect CAN	communi	cation termi	inal resistor.			
SZ	Address Setting bu	utton				Refer to A	Appendix A	A.1, A.2 fo	r details.				
JC, SZ	Function Setting Ju	Imper	Short JC a	nd SZ at tl	he same ti	me, after pov	ver on, ent	er the sel	f-checking r	node, refer	to the user i	manual.	
				Те	erminal cor	nnection diag	ram						
		J1	⊁										
$\begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} $													
Note 1 : Note 2 : Note 3 : Note 4 :	Note 1 : At the back of terminal, the square soldering pad is pin 1, rest pins are list as diagram above; Note 2 : The specification of PW is XH-4A terminal with 2.54mm pin space ; Note 3 : The specification of J1 is XH-8A terminal with 2.54mm pin space ; Note 4 : The specification of J2 is two-line 90° terminal with 2.54mm pin space.												

## **BL2000-HEH-N10** Dimensional Drawing



	Model	BL2000-HE	H-P1	Order Information: A/B-Conventional supply cycle C-Contact sale manager for confirmation				
	LCD type	Segment LC	D					
Di	splay Direction	Vertical						
Din	nensions of PCB	176mm*126mm*	13.5mm	_				
Dimensions	of Installation Baseboard	<b>d</b> No installation ba	seboard				BL2000-HEH-PI + .	
		In	formation fo	r similar ty	pe			
	Model	Display Color					PCB Co	blor
BL20	00-HEH-P1 A/B/C	White character with B Black background /Ye	lue backgrou llow characte	nd /White r with Blac	character with k background		Gree	n
	1	Terminal	definition and	function	description			
Terminal	Terminal Specifications	Function			Pin de	finition		ſ
	'		1		2		3	4
PW	3.96-4 90°	Power & Communication	24\	/	GND		CANH	CANL
SH	2.54-4 90°	Up call button	Up call ans	wer <mark>(SD)</mark>	24V		24V	Up call input <mark>(SH)</mark>
ХН	2.54-4 90°	Down call button	Down call ar	nswer <mark>(XD)</mark>	r(XD) 24V		24V	Down call input <mark>(XH)</mark>
J1	2.54-4 90°	Serial input port	24\	1	Serial parking input <mark>(DS)</mark>		24V	Serial parking input <mark>(XF)</mark>
J2	2.54-4 90°	Arrival signals output	Up arriva output <mark>(</mark>	l lamp SDZ)	Down arrival lamp output <mark>(XDZ)</mark>	0	Arrival bell utput <mark>(DZZ)</mark>	GND
S1	2.54-2 90°	CAN communication terminal resistor jumper (on board)	Short jumpe	er to conne	ect CAN communicat	ion terr	ninal resistor	
AN		Address Setting key-press	Refer to Ap	pendix A.1	and A.2 for details.			
JC	2.54-2 90°	Checking & Function Setting Jumper	Short JC, aft down call b mode, varic	ter power o utton at th ous display	on, enter the self-che e same time, 2 or 3 s information can be o	ecking r seconds configui	node. Press the blater, enter the red. Refer to Ap	up call button and function setting pendix B.2 for details.
		Те	rminal conne	ction diagr	am			
	SH	ХН			J1			J2
		DX 20 30 40 0	,		1□ 20 30 40 <u>A</u> 80 <u>A</u> 7 <u>A</u> 80 <u>A</u> 7 <u>A</u> 80 <u>A</u>		1 ZOS	203040 ZOX
Note: The so	quare bond pad of foot p	ins on terminal's back is No	o.1. To the oth	ner side, th	ey are No.2, No.3 an	d No.4	in sequence.	



	Model	BL2000-HEH-Q1			Order Information: A/B-Conventional supply cycle C-Contact sale manager for confirmation					
	LCD type		Segment LCD							
Dis	splay Direction		Horizontal				רינ			
Din	nensions of PCB	136m	ım*154mm*13	.5mm		a x		. HEEETE		
Dimensions (	of installation baseboard	No in	stallation basel	board		100 million (100 m		1.6.		
			Infor	mation for	similar typ	e				
	Model	D A: White character w			ay Color	round /B· White		PCB Color		
	BL2000-HEH-Q1 A/B/C		character	with Black	background Black backg	d /C: Yellow ground		Green	1	
	T	1	nition and	function de	escription					
Terminal	Terminal Specifications	Fun	ction	<u>-</u>	4	р Т 2	in definitio	on ว		
					<u> </u>	۷		3	4	
PW	3.96-4 90°	Power & Co	Power & Communication		4V	GND		CANH	CANL	
SH	H 2.54-4 90° Up call button			Up call ar	າswer <mark>(SD)</mark>	24V		24V	Up call input <mark>(SH)</mark>	
ХН	2.54-4 90°	Down ca	Down call button		n call er <mark>(XD)</mark>	24V		24V	Down call input(XH)	
J1	2.54-4 90°	Serial ir	iput port	24	4V	Serial parkir input( <mark>DS)</mark>	ng	24V	Serial parking input(XF)	
J2	2.54-4 90°	Arrival sig	nals output	Up arriv outpu	val lamp ıt <mark>(SDZ)</mark>	Down arrival la output( <mark>XD</mark> 2	amp Z)	Arrival bell output <mark>(DZZ)</mark>	GND	
S1	2.54-2 90°	CAN comr terminal resis bo	munication tor jumper (on ard)	Short jurr	nper to con	nect CAN comm	unication	terminal resistor		
AN		Address Set	ting key-press	Refer to A	Appendix A	.1 and A.2 for de	etails.			
JC	2.54-2 90°	Checking & Fi Jun	unction Setting nper	Short JC, a down call mode, va details.	after powe l button at f irious displa	r on, enter the s the same time, 2 ay information c	elf-checki 2 or 3 secc an be conf	ng mode. Press th onds later, enter th figured. Refer to A	ie up call button and he function setting Appendix B.2 for	
			Termi	nal connec	tion diagra	ım				
	SH		ХН			J1			J2	
[1 [1		1 2 0 x x x x x x x x x x x x x			1□ 20 30 40 <u>7</u> <u>7</u> <u>7</u> <u>7</u> <u>7</u> <u>7</u> <u>7</u> <u>7</u>				* + + + + + + + + + + + + + + + + + + +	



	Model	BL2	000-HEH-I	R1.3	Orde	Order Information: Contact sale manager for confirmation				
	LCD type		Segment LCD							
Di	splay Direction		Vertical							
Din	nensions of PCB	175m	1m*85mm*13.	5mm			D×L			
Dimensions	of installation baseboard	No in	stallation basel	board						
			Infor	mation for	similar typ	e				
	Model			Displa	ay Color			PCB Cole	or	
	BL2000-HEH-R1.3 B/C		B: White ch orange c	haracter wi <mark>haracter</mark> w	th Black ba /ith Black b	ckground /C: ackground		Green		
	-	-	Terminal defi	inition and	function de	escription				
Terminal	Terminal Specifications	Fun	ction			Pin d	efinition	1	1	
					1	2		3	4	
PW	PW 3.96-4 90° Power & Communication			24	4V	GND		CANH	CANL	
SH	2.54-4 90°	2.54-4 90° Up call button			nswer <mark>(SD)</mark>	24V		24V	Up call input <mark>(SH)</mark>	
хн	2.54-4 90°	Down ca	Ill button	Dow answ	n call er <mark>(XD)</mark>	24V		24V	Down call input(XH)	
J1	2.54-4 90°	Serial in	Serial input port		4V	Serial parking input(DS)		24V	Serial parking input(XF)	
J2	2.54-4 90°	Arrival sig	nals output	Up arriv outpu	val lamp ıt <mark>(SDZ)</mark>	Down arrival lamp output <mark>(XDZ)</mark>	) <i>4</i> 0	Arrival bell output <mark>(DZZ)</mark>	GND	
S1	2.54-2 90°	CAN comr terminal resis boa	nunication tor jumper (on ard)	Short jumper to connect CAN communication terminal resistor						
AN		Address Sett	ing key-press	Refer to A	Appendix A	.1 and A.2 for detail	s.			
JC	2.54-2 90°	Checking & Fu Jun	Inction Setting	Short JC, down cal mode, va details.	after powe I button at irious displa	er on, enter the self- the same time, 2 or ay information can b	checking 3 secon e config	g mode. Press th ds later, enter tl ured. Refer to A	ne up call button and he function setting Appendix B.2 for	
		T	Termi	nal connec	ction diagra	ım				
	SH		ХН			J1			J2	
		1 □ 20 30 40 1 □ 20 30 40 Q 2 0 30 40			1□ 20 30 40 A7 S A7 A7 A7 A7 A7 A7 A7 A7 A7 A7			+ 		
Note: The so	ote: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.									



	Model	BL	2000-HEH	-S1	Orde	r Information	: Conta	act sale manager	for confirmation	
	LCD type		Segment LCD			0				
Di	splay Direction		Vertical				© ▲ €	Ð		
Din	nensions of PCB	144n	nm*70mm*10.	2mm						
Dimensions	of installation baseboard	No in	stallation basel	board			1			
			Infor	mation for	r similar typ	e				
	Model		A . \A/l= :+I	Displ	ay Color			PCB Col	or	
	BL2000-HEH-S1 A/B/C		A: White charact White charact chara	taracter w ter with Bla acter with	ack backgro Black backgro	ckground /B: bund /C: Orange ground		Green		
-		Terminal def		efinition and function description						
Terminal	Terminal Specifications	Function				P	in defin	iition	Γ	
		-		1		2		3	4	
PW	PW 2.54-4 90° Power			2	4V	GND		CANH	CANL	
SH 2.54-4 90°			button	Up call a	nswe <mark>r(SD)</mark>	24V		24V	Up call input <mark>(SH)</mark>	
хн	XH 2.54-4 90° Down call but		all button	Dow answ	vn call ver <mark>(XD)</mark>	24V		24V	Down call input(XH)	
J1	2.54-4 90°	Serial ir	Serial input port		4V	Serial parkin input(DS)	ng	24V	Serial parking input(XF)	
J2	2.54-4 90°	Arrival sig	nals output	Up arri outpu	ival lamp ut <mark>(SDZ)</mark>	Down arrival I output(XD2	amp Z)	Arrival bell output <mark>(DZZ)</mark>	GND	
S1	2.54-2 90°	CAN comi terminal resis bo	munication tor jumper (on ard)	Short jur	nper to con	nper to connect CAN communication terminal resistor				
AN		Address Set	ting key-press	Refer to	Appendix A	.1 and A.2 for de	etails.			
JC	2.54-2 90°	Checking & Fu Jun	unction Setting	Short JC, down ca mode, va details.	, after powe Il button at arious displa	er on, enter the s the same time, ay information c	elf-che 2 or 3 se an be co	cking mode. Press th econds later, enter th onfigured. Refer to A	ne up call button and he function setting Appendix B.2 for	
	•		Termi	inal conne	ction diagra	ım				
	SH		ХН			J1			J2	
		I 20 30 40   Q ₹   Y Y			1□ 20 30 40 <u>A</u> <u>S</u> <u>A</u> <u>L</u> <u>X</u>					
Note: The so	te: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.									



Shenyang Bluelight Automatic Technology Co.,Ltd

	Model	SJT-I	ESIM-07	-ZF	Order Informatio	n: Contact purchasing d confirmation	epartment for
	LCD type	white characte white characte	7 Inch TFT er with blue k er with black	background/ background	•		- 1944° 1000
Di	splay Direction	Horiz	zontal / Verti	cal	$\wedge 2$	8	
Dir	nensions of PCB	113.8mm*188mm*3		30mm	Load 2000 Persons 26 201 We	7-09-20 dresday	
Dimensions	of installation baseboard	No insta	allation basel	board		A Constant of the second se	
			Infor	mation for similar	type		
	Model			Display Color		PCB Cole	or
						Green	
	1	۱	Ferminal defi	inition and functio	n description		
Terminal	Terminal Specifications	Funct	ion		P	in definition	1
				1	2	3	4
PW	3.96-4 90°	Power & Com	munication	24V	GND	CANH	CANL
MODE	Press-key	Setting b	outton	Press MODE press menu.	s-key to enter the m	nenu and press MODE press	-key to change
INC	Press-key	Setting b	outton	In menu interface	e, press INC press-ke	ey to set parameters	
USB	USB Port	Connect	U disk	Update program b	oy U disk		
	1		Fu	unction Description	าร		
	This pr	roduct is a 7-incl	n car interior	display panel, and	cannot be used as	a calling board.	
Ele	evator display	Display the flo	oor, directio	on and status of	elevator in real ti	me.	
Δ	larm display	Receive the e information, v	levator sigr which displa	nal in real time, c ayed in Chinese	lisplay "Overload or English is avail	", "Fire", "Inspection" ar able.	nd other warning
1	News display	The interface operation.	can display	v date, week and	information, and	l keystroke adjustment r	nake easier
Theme display 2 display theme styles, which users are free to						ough the buttons on the	e product.
Inte	rface switching	Built-in horizo through the b	ontal and ve outtons on t	ertical interface, the LCD.	Chinese and Eng	lish interface, users can	be free to choose
Ener	gy saving model	No operation, 30 minutes, tl	, or no "Ove he display i	erload", "Fire", " nterface automa	Inspection" and ontically turns off t	other warning information he backlight.	on for more than
Note: The so	quare bond pad of foot pin	ıs on terminal's I	oack is No.1.	To the other side,	they are No.2, No.3	and No.4 in sequence.	



Shenyang Blue light Automatic Technology Co.,Ltd

	Model	SJT-	EHCL-070	D-ZF		Order Infor	mation: Conventional	supply cycle		
	LCD type		7 inch TFT							
Dis	splay Direction	Но	orizontal / Verti	cal	Log	01				
Din	annians of DCP	112 0	mm*199mm*2	20mm						
						10) 28-24				
Dimensions	of installation baseboard	No in	stallation basel	board						
			Information for similar type							
	Model			Display C	Color		РСВ С	Color		
			Ta una la al al a fi	Green						
			Terminal defi	Pin definition and function description						
Terminal	Terminal Specifications	Fur	ction	1		r 2		Δ		
PW	3.96-4 90°	3.96-4 90° Power & Communication				GND	CANH	CANL		
MODE	Press-key	Settin	g button	Press MODE press-key to enter the menu and press MODE press-key to change menu.						
INC	Press-key	Settin	g button	In menu inter	rface, pro	ess INC press-ke	ey to set parameters			
USB	USB Port	Conne	ct U disk	Update progr	am and	change picture	by U disk			
			Fu	unction Descri	ptions					
	This pr	oduct is a 7-ir	nch car interior	display panel,	, and car	nnot be used as	a calling board.			
Ele	evator display	Display the	floor, directio	on and status	s of elev	vator in real ti	ime.			
А	larm display	Receive the information	elevator sigr , which displa	nal in real tin ayed in Chin	ne, disp ese or E	lay "Overload English is avail	l", "Fire", "Inspection" lable.	and other warning		
Pic	ture playback	Loop playba	ack pictures (j	jpg format)						
Ν	lews display	The interface easier opera	e can display ation.	user's LOG	D, date,	week and inf	ormation, and keystro	ke adjustment make		
Built-in 64M storage space, through the U disk mode to achievUSB updatepicture, after the content is updated, the U disk can be remove convenient.						chieve the update of t moved, and the opera	he content of the ation is simple and			
Inte	zontal and ve buttons on t	ertical interfa he LCD.	ace, Chi	nese and Eng	lish interface, users ca	n freely choose				
Note: The sc	ote: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.									



M	odel		SJT-ESIM	-070-V	Or	der Info	rmation: Contact s confirmation	ale manager for		
Displa	ay type	7-ind	ch TFT water-drop background	)	6.		229	-(0-2)		
Display	Direction		Vertical							
Dimensio	ons of PCB	175m	142mm*29mi	n						
Dimensions base	of installation board	No ins	tallation baseboa	rd						
			Informatio	on for similar ty	/pe					
	Model	Display Color				PCB Color				
		_	Green							
			Terminal definition	on and function de	escription					
Terminal	Terminal		Function			Pin de	finition			
	Specifications			1	2		3	4		
PW	3.96-4 90°	Power 8	Communication	24V	GN	GND CANH CANL				
MOD	Press-key	Set	tting button	Press	Press MOD key to enter date and time setting.					
INC	Press-key	Set	tting button	In date and ti	me settin	g interfa	ace, press INC to se	t parameters.		
VOL+	Press-key	Incr	ease volume		Press VOL+ to increase volume.					
VOL-	Press-key	Decr	ease Volume		Press VOL- to decrease volume.					
SD	SD port	Con	nect SD card	Connect	t to SD car	d to cha	ange voice announ	cer files.		
USB	USB port	Co	onnect USB			Rese	erved			
			Funct	ion Descriptions						
	This produc	t is a 7-ind	ch car interior dis	play panel and car	not be us	ed as a	calling board.			
Elevato	or display	Display t	the floor, direction	n and status of ele	vator in r	eal time				
Alarm	display	Receive warning	the elevator signa information.	ıl in real time, disp	olay "Ovei	rload", "	'Fire", "Inspection'	' and other		
News	display	The inte operatio	rface can display o n.	date, week and in	formation	, and ke	eystroke adjustmer	ıt make easier		
Water-drop v	vertical display	Indicatic backgrou	ons of floor, direct und.	tion and backgrou	und are m	natching	together with the	water-drop style		
Note: The squar	re bond pad of foc	ot pins on	terminal's back is	No.1. To the othe	er side, the	ey are N	lo.2, No.3 and No.4	in sequence.		



Shenyang Bluelight Automatic Technology Co.,Ltd

Мс	odel	SJT-ETOUCH-104-LG				Order Information: Contact sale manager for confirmation					
Displa	iy type	10.4-	inch TFT true color			10		OVERLOAD			
Display	Direction		Vertical								
Dimensio	ons of PCB	310m	1m*204mm*30mm	-			*	2			
Dimensions of	of installation	No ins	tallation baseboar	d			320kg, 4 persor	2 3 4 A 5 2017 Apr.34			
base	poard	<u> </u>	Informatio	on for similar	tyne						
					cype						
	Model		Disp	olay Color			PCB Col	or			
							Green				
Terminal definition and function description											
Terminal	Terminal		Function			Pin	definition				
Terminar	Specifications			1	2		3	4			
(Big green	5.08-4P	Power	& Communication	DC24V	GN	ID	SBO ( 485	SAO ( 485			
terminals )							communication )	communication			
(Small green terminals)	3.81-2P	Power		DC24V	GN	ID					
PHONE	2.54-2P	Used a	s calling button of Intercom	Connect to call of int	ling butto tercom	n input					
BELL	2.54-2P	Used a	s alarming button of bell	Connect to a input	larming b t of bell	utton					
Note: This proc	duct has RS485 co	mmunic	ation port, it requir	es SJT-CAN-232	/485-V1 p	protocol	translation board	to work together.			
			Functi	on Descriptions							
	This product is	a 10.4-in	ch car interior disp	lay panel and ca	annot be u	used as a	a hall calling board				
Touch scre	en function	Use tou intercor	ich button to perf n, alarming bell and	orm car call flo d other operatio	oor regist ons.	er, dooi	r open, door close	, door open dela			
Elevato	r display	Display the floor, direction and status of elevator in real time.									
Alarm	display	Receive the elevator signal in real time, display "Overload", "Fire", "Inspection" and other warning information.									
News display		Display date, week and other information.									
Intercom and alarming bell function		Two individual relays control channels. Normal-open contacts output to trigger intercom and alarming bell.									
Configurable the number of buttons		Display up to 10 buttons: maximum 8 floors car call buttons + door open and close buttons. Door open delay button, intercom button and alarming bell button are optional.									
Configurable bu	Itton indications	The display of touch button indications can be set, up to 3 digits (e.g.: 12A, G, B1).									
Configurable but Configurable bu	the number of tons itton indications re bond pad of foo	Display open de The disp	up to 10 buttons: r lay button, interco play of touch button	naximum 8 floo m button and a n indications car No.1. To the ot	rs car call larming b n be set, u her side. 1	button: ell butto up to 3 c	s + door open and o on are optional. digits (e.g.: 12A, G, No.2. No.3 and No	Close button B1).			



Shenyang Bluelight Automatic Technology Co.,Ltd

Model					Order Information: Contact purchasing						
			531-EI AD-050-100CH			d	epartment for con	firmation			
Display Type			5-inch TFT True Color Touch Screen								
Display Direction			Vertica	al	6						
Dimensio		152mm*80mm*14mm									
Supported Pro	Special	pecial protocol, contact sales manager for detail					•				
Information for similar type											
Model			Display Color			PCB Color					
-						Green					
			Terminal definition	and function des	criptio	on					
Townsing	Terminal	Function				Pin d	efinition				
rennnar	Specification	IS	Function	1(24V)	2	2(AH)	3(BL)	4(GND)			
PW(JP7)	2.54-4P straig	<sup>ht</sup> C	Power and ommunication	24V	(	CANH	CANL	GND			
	Function Descriptions										
Elevator d	isplay	Displa	Display the floor, direction and status of elevator in real time.								
Alarm display Red wa			Receive the elevator signal in real time, display "Overload", "Fire", "Inspection" and other warning information.								
Touch screen calling function Us			Use touch button to register landing call.								
Floor address setting function			Long press the number that is displayed in the middle of touch screen, can set floor address. Use up landing call button and down landing call button to change floor address. After setting, long press the number in the middle of touch screen to switch back to normal display.								



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Shenyang Blue light Automatic Technology Co.,Ltd

Model		SJT-EHCL-104F				Order Information: Contact sales manager for confirmation				
Display Type			10.4-inch TFT True Color				logo			
Display Direction			Vertical/Hor	rizontal		2				
Dimensio	n		230mm*258.4n	nm*43mm			Luesde 2019-05			
			Informatio	n for similar ty	pe					
Mc	odel		Disp	lay Color			PCB Colo	r		
-							Green			
			Terminal definition	n and function des	scripti	on				
Torminal	Terminal		Function			Pin definition				
renninai	Specifications		Function	1		2	3	4		
White Plugger	3.96-4P	с	Power and communication	DC24V		GND	CAN+	CAN-		
Green Plugger Small	2.54-2P		ower Terminal	DC24V		GND				
Green Plugger Small	2.54-4P		Speaker	6V		GND	6V	GND		
Network Port	Standard	Ch	ange Video and Picture							
USB Port	USB2.0	Ch	ange Video and Picture							
			Functio	n Descriptions						
Th	is product is a	10.4-inc	ch car interior displa	ay panel and cann	ot be	used as a h	all calling board.			
Elevator display			Display the floor, direction and status of elevator in real time.							
Alarm display			Receive the elevator signal in real time, display "Overload", "Fire", "Inspection" and other warning information.							
Information	display	Displa	y date, week and o	ther information.						
Video and Music Play Function			Can play video and music.							

## SJT-EHCL-104F Dimensional Drawing



Mode	/9.1	Order Information: Conventional supply cycle										
Production F	unction		Calling board of Group control								10 XAAA	
Dimensions of PCB			97mm*66mm*20mm									
Dimensions of i baseboa	installation ard		No installat	No installation baseboard								
					Information for similar type							
	Mode	1			Dis	splay C	olor				PC	B Color
				Taurai							G	ireen
	Term	inal		Termi	nai definition and	a runcu	on desci	Pin de	finitic	on		
Terminal	Specific	ations	Functi	on	1			2		3		4
PW <mark>(J1)</mark>	3.96-4	180°	Power & Communication		24V			GND		CANH		CANL
SH(J2)	2.54-4	180°	)° Up call button		Up call answei	r(SD)		24V		24V		Up call input <mark>(SH)</mark>
XH <mark>(J3)</mark>	2.54-4	180°	Down call button		Down call answer(XD)			24V		24V		Down call input <mark>(XH)</mark>
BYO <mark>(J6)</mark>	2.54-4	180°	Serial parking input		Standby answer			24V		24V		Serial parking input( <mark>DS)</mark>
BY1 <mark>(J7)</mark>	2.54-4	180°	Serial fire input		Standby answer			24V		24V		Serial fire input <mark>(XF)</mark>
		1909	Arrival signals output (Relay output)		1-Up arrival lamp 2 output(SDZ)		2-Dow ou	Down arrival lamp output <mark>(XDZ)</mark>		3-Arrival common		4-Arrival bell output A(DZZ-A)
12	5.08-7 180°				5-Arrival bell o B(DZZ-B)	utput	6-24V			7-GND		
S1 2.54-2 180°		CAN commu terminal r jumper (or	unication esistor board)	Short jumper to	Short jumper to connect CAN communication terminal resistor							
SZ	2.54-2	180°	Address S Jump	etting er	Refer to Appendiv		Idix A.1 for details.					
AN		Address Se		ting key	Refer to Appendix A.1 f		A.1 for details.					
JC,EN/DS	2.54-2	2.54-2 180° Function Setting Jumper		Short JC and EN B.4 for details.	Short JC and EN/DS at the same time, enter the B.4 for details.			he fu:	nction settir	ng moo	de. Refer to Appendix	
					Terminal conne	ction d	liagram			1		
SH		XH		BY	0		B	Y1			J5	
$\begin{array}{c c} & & & & \\ & & & \\ 1 & 2 & 0 & 3 & 0 & 4 & 0 \\ \hline 1 & 2 & 0 & 3 & 0 & 4 & 0 \\ \hline 1 & 2 & 0 & 3 & 0 & 4 & 0 \\ \hline 0 & & & & & & \\ & & & & & & & \\ & & & &$					0 40 S S	]			240		20 30 40 50 60 70 20 30 40 50 60 70 30 40 50 70 30 70 70 70 70 70 70 70 70 70 70 70 70 70 7	
Note: The squa	Image: Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.											



Dimensional Drawing of side

Model		BL2000-HXJ-V9		Order Information: Conventional supply cycle							
Production	n Function	Port transformer board									
Dimensions of PCB		107mm*	65mm*16.5								
Dimensions o baset	of installation board	No installat	ion baseboard								
	T	1	Ferminal definition and function description								
Terminal	Terminal Specifications	Function	Pin definition								
J1(PW)	3.96-4 180°	Power & Communication	24V	24V GND CANH CAN							
J2 <mark>(SH)</mark>	2.54-4 180°	Up call button	Up call answer <mark>(SD</mark> )	24V	24	V	Up d	call input <mark>(SH)</mark>			
J3 <mark>(XH)</mark>	2.54-4 180°	Down call button	Down call answer(XD)	24V	24	V	Down	ı call input <mark>(XH)</mark>			
J4	2.54-4 180°	Serial input port	24V	Serial parking input <mark>(DS)</mark>	24	V	Seria	l fire input <mark>(XF)</mark>			
S1	2.54-2 180°	CAN communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor								
SZ	2.54-2 180°	Address Setting Jumper	Refer to Appendix A.1 for details.								
AN		Address Setting key-press	Refer to Appendix A.1 for details.								
JC,DS	2.54-2 180°	Function Setting Jumper	Short JC and DS at the same time, enter the function setting mode. Refer to Appendix B.5 for details.								
		J5-1	+24V Output			J5-11		Up run			
		J5-2	+24V Output Ground	J5-12	2	Down run					
		J5-3	Floor display: Binary bit7 BCD code High bit 3 Graycode bit 7 J5-13					Running			
		J5-4	Floor display: Binary bit 6	J5-14	ļ.	Overload					
		J5-5	Floor display: Binary bit 5	J5-15		Full load					
J5 (OC output)	2*10P plug-in unit	J5-6	Floor display: Binary bit 4 BCD code High bit 0 Graycode bit 4				5	Fire Service			
		J5-7	Floor display: Binary bit 3	J5-17		Inspection					
		J5-8	Floor display: Binary bit 2	aycode bit 2	J5-18	3	Parking				
		J5-9	Floor display: Binary bit 1 BCD code Low bit 1 Graycode bit 1				)	User			
		J5-10	Floor display: Binary bit 0	aycode bit 0	J5-20	)	Arrive Output				
		refer the labels on t	he plug.	ed out according to this	i list allu 15 se	equence nun	iber dia	agram. Do not			
Terminal connection diagram											
J2 J3							ŀ				
	I <sup>T</sup> 1□ 20 30 40 G 77 V V V			30 40 30 40 AFZ X √ X X X X X X X X X X X X X							
Note: The square	Jote: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.										



Model BI			_2000-HX	K-V9	Order Information: Conventional supply cycle							
Production Fu	Production Function P		Port transformer board									
Dimensions of PCB 1		17	 172mm*65mm*20mm									
Dimensions of installation 2 baseboard		202	2mm*145mm <sup>:</sup>	*30mm								
			1	Terminal defi	nition and function desc	ription						
Terminal	Term	nal	Fund	tion		Pin defir	nition					
	Specifica	ations			1	2	3	4				
J1(PW)	3.96-4	180°	Power & Con	nmunication	24V	24V	CANH	CANL				
J2 <mark>(SH)</mark>	2.54-4	180°	Up call	button	Up call answer <mark>(SD)</mark>	24V	24V	Up call input <mark>(SH)</mark>				
J3 <mark>(XH)</mark>	2.54-4	180°	Down ca	ll button	Down call answer(XD)	24V	24V	Down call input(XH)				
J4	2.54-4 180°		Serial parl	king input	24V	Serial parking input(DS)	24V	Serial fire input(XF)				
S1	2.54-2	180°	CAN comm terminal resi (on b	nunication stor jumper pard)	Short jumper to connect serial communication terminal resistor							
SZ	2.54-2 180° Address Setting Jumper				r For details, see Appendix A.1							
AN			Address S	etting key	For details, see Append	ix A.1						
JC,EN	2.54-2	180°	Enable funct	Enable functions jumper Short JC and EN at the same time, enter the function setting mod Appendix B.5 for details.								
				+24V Outp	+24V Output			Fire Service				
			J5-2	+24V Outp	+24V Output Ground			Full load/Overload				
			J5-3	Floor displ	Floor display: Binary 6 BCD code High 2 Graycode 6			Y8-Y9 common terminal				
			J5-4	Floor displ	Floor display: Binary 5 BCD code High 1 Graycode 5			Inspection				
			J5-5	Floor displ	loor display: Binary 4 BCD code High 0 Graycode 4			Parking				
J5 (Delev euteut)	2*10P		J5-6	Floor displ	ay: Binary 3 BCD code I	ow 3 Graycode 3	J5-16	Y10-Y11 common terminal				
(Relay Output)	plug-in	um	JIIIL J5-7		Floor display: Binary 2 BCD code Low 2 Graycode 2		J5-17	Running				
			J5-8	Floor displ	ay: Binary 1 BCD code I	ow 1 Graycode 1	J5-18	Up run				
			J5-9	Floor displ	ay: Binary 0 BCD code l	.ow 0 Graycode 0	J5-19	Down run				
			J5-10	Y1-Y7 com	imon terminal		J5-20	Y12-Y14 common terminal				
				Note: The wirings of J5 port should be carried out according to this list and J5 sequence number diagram.								
	1		1		Terminal							
	J2				J3		J4					
					→ 0 30 40 0 30 40 → 1 2 × 1 2 ×		1□ 20 30 40 <u>A</u> 80 <u>A</u> 4 <u>A</u> 80 <u>A</u> 4 <u>X</u>					



Shenyang Blue light Automatic Technology Co.,Ltd

	Model	SJ	T-CHT-DNZ1	ply cycle							
Di	splay Module	F	Round dot matrix								
Dis	play Direction		Vertical								
Dime	nsion of Product	375r	375mm*86mm*20mm								
Information for similar type											
	Model		Parking/No p		Position of call board						
	SJT-CHT-DSZ	1	Parking		Middle floor						
	SJT-CHT-DSX	1	Parking		Bottom floor						
	SJT-CHT-DNS	1	No parkir		Top floor						
	SJT-CHT-DNZ	1	No parkir	ng	Middle floor						
	SJT-CHT-DNX	1	No parkir		Bottom floor						
		Те	rminal definition and functio	n description							
Terminal	Terminal	Fur	Function		Pin de	Pin definition					
Specifications				1	2	3	4				
PW	3.96-4 90°	Power & Co	ommunication	24V	GND	CANH	CANL				
J3	2.54-2 90°	Fire	Service	+7V	Fire <mark>(XF)</mark>						
AN		Address Set Function Se	ting key-press tting key-press	Refer to Appendix A.1 & A.2 for details. Refer to Appendix D for details.							



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Model Selection Manual for Bluelight HCB call board

Shenyang Bluelight Automatic Technology Co.,Ltd

l	Model	S.	IT-CHT-YSZ1	Orde	r Information: Co	nventional supp	oly cycle			
Disp	lay Module		Segment LCD							
Displ	ay Direction		Vertical							
Dimens	ion of Product	375r	nm*86mm*20mm							
			Information for simila	ar type						
	Model			oarking		Position of call board				
	SJT-CHT-YSZ1		Parkin	g		Middle floor				
	SJT-CHT-YSX1		Parkin	g		Bottom floor				
	SJT-CHT-YNS1		No park	ing		Top floor				
	SJT-CHT-YNZ1		No park	ing		Middle floor				
	SJT-CHT-YNX1		No park	ing		Bottom floor				
		Te	rminal definition and funct	ion description						
Terminal	Terminal	ſ	unction		Pin defi	Pin definition				
Terminar	Specifications	I	unction	1	2	3	4			
PW	3.96-4 90°	Power &	Communication	24V	GND	CANH	CANL			
J3	2.54-2 90°	Fi	re Service	+7V	Fire Service <mark>(XF)</mark>					
AN		Address S Function	Setting key-press Setting key-press	Refer to Appendix A.1 & A.2 for details. Refer to Appendix D for details.						



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Model Selection Manual for Bluelight HCB call board

Shenyang Blue light Automatic Technology Co.,Ltd

Model XS456						Order	Informatioı د	n: Contact sale onfirmation	es managei	for			
LCD type			Segment L	CD									
Display Direction			Vertical					16					
Dimensions of PCB 30				0mm*90mm <sup>-</sup>	mm*90mm*12mm								
	Information for similar type												
Model					Electric Lock Hall Call Box								
	XS456 Two Butt	tons Up and Do	wn	No Electric Lock Middle Floo						or			
XS456 Single Button Up					No Ele	ctric Lock			Bottom Floor				
	XS456 Single	e Button Down		No Electric Lock Top Floor									
			Те	erminal defin	ition and	l function	description						
Towning	Terminal	Frind		Pin definition									
Terminal	Specifications	Funct	lion	1	2	3	4	5	6	7	8		
PW	XH-4A	Power & Com	munication	24V	GND	CANH	CANL						
J1	XH-8A	Serial Input a Outr	it and Arrival Serial parking 24V 24V Serial fire input (XF) Up arrival lamp output lamp output (XDZ) (XDZ)					Down arrival lamp output (XDZ)	Arrival bell output (DZZ)	GND			
SZ		Address Sett	ing button	ng button Refer to Append			details.						
<b>S1</b>		CAN comm terminal resis	unication stor jumper										



# Appendix A Floor Address Setting

# A.1 Setting With Key-press or Jumper

Keep pressing setting button (AN) or short setting jumper, 2 seconds later, it will enter floor address setting interface. After enter this setting, direction dot matrix will show "S", and floor dot matrix will show current address setting. For example,

Direction dot matrix	
Floor dot matrix (H)	
Floor dot matrix (L)	

S means floor address setting 15 means address value.

As the call board, address corresponds to the floor number. That is to say the address of bottom floor call board should be set to "1", others' address increase by degrees until the top floor. The maximum address should not beyond 64. While used as car display board, the address should be set to "0".

While there are independent controllers of rear door and front door, the address of rear door call board should be started from "33", and so on; the maximum address cannot beyond 64.

# First way of setting

Keep pressing setting button, 2 seconds later, the direction dot matrix shows "S". 3 flickers later, it enters address setting. The address increases from 1 to 64 and loop after press setting button or keep press setting button.

After setting address, release button, 2 seconds later, the address will flicker and be saved. Then the call board enters to normal mode. **Second way of setting** 

Short setting jumper, 2 seconds later, the direction dot matrix shows "S". 3 flickers later, it enters address setting. Press up call (SH) or down call (XH) button can alter the address value.

Remove setting jumper (SZ), the direction dot matrix shows "S" and the address number will be saved after 3 times flicker. Then the call board enters to normal mode.

## A.2 Setting With Up-Call Button or Down-Call Button

When the elevator runs in manual mode and parking within door zone, address setting can be carried out by up call button or down call button (named setting button below). When the up call button and down call button all exist, anyone can be used as setting button. When setting button is in used, the other button works, this setting will be of no effect. The way of setting is as follow.



Make sure the elevator runs in manual mode and parking within door zone.

1. Press the setting button 5 times in 10 seconds, then press the setting button for 5 seconds, the system enters in address setting mode.

2. In the address setting mode, direction dot matrix will flicker. Floor dot matrix shows present floor address.

Present Floor Address= Present Floor Number from the Controller+1

3. Press the setting button 3 times in 10 seconds, and then press the setting button for 5 seconds. Present address will be saved. The floor address matrix flickers 3 times, and the call board enters in normal working mode

# **Appendix B Function setting**

#### B.1 Dot Matrix Display Call Board Setting Method

B.1.1. Setting Method

#### 1 Enter function setting

Select a nearest call board, cut off the power (remove PW). Short jumper JC and jumper EN (DS). Then power on, it will enter function setting.

# 2 Function setting operation

After entering function setting, direction dot matrix will show "U" and "P" in turn. While showing "U", the number in floor dot matrix is current custom number. While showing "P", the number in floor dot matrix is program version. Press "AN" button to enter function setting. (If no AN button on the call board, the dot matrixes flicker 3 times, and then it enters the function setting mode.)

In function setting interface, direction dot matrix shows item number and floor dot matrix shows current value. For example,



2: Item number, 2 means inspection display setting

1: Car display board setting, 1 means normal display in inspection mode

3: Call board setting, 3 means no direction but only character display in inspection mode

Pressing AN button will switch among dot matrix. The selected dot matrix will flicker and then you can set its value. Press up call button SH and down call button XH to alter current value.

#### 3 Save and transmit setting

After setting complete, you need save current setting (Refer to **B.1.2.20** for details) of current call board.

If you want to update and synchronize all call board setting, you can enter *Transmit setting* item in inspection mode and static status after saving (Refer to **B.1.2.21** for details.) and send setting results to other call board and car display board.

#### 4 Exit setting

Remove test jumper JC and enable jumper EN (DS), then the call board enter to normal mode.

If removing jumper before transmitting and saving setting, all function settings will not change.

#### B.1.2. Setting item

B.1.2.1 Setting Item 0 – Setting of Car display board LED



1

L: Left LED setting. R: Right LED setting. Default setting: L=1, R=2.

L R L, R value: 0 no display, 1 used, 2 full load, 3 overload, 4 inspection, 5 fire, 6 error, 7 running

B.1.2.2 Setting Item 1 – Setting of call board LED

L: Left LED setting. R: Right LED setting. Default setting: L=1, R=2.

L R L, R value: 0 no display, 1 used, 2 full load, 3 overload, 4 inspection, 5 fire, 6 error, 7 running

B.1.2.3 Setting Item 2 – Setting of inspection display mode

L: Car display setting. R: Call board display setting. Default setting: L=2, R=2

- L, R value: 1 normal display
- 2 L R
- 2 characters while stop, normal while running
- 3 no direction, only characters
- 4 no direction and floor
- 5 Have direction, display characters and floor in turn (Only when characters is 1 bit or 2 bit)

B.1.2.4 Setting Item 3 – Setting of inspection characters (Car display board is same with call board)

LR value: 01=JX, 02=INS. Default setting: 01

# 3 L R

4

R

L

### B.1.2.5 Setting Item 4 – Setting of parking status

L: Car display setting. R: Call board display setting. Default setting: L=1, R=2



- 2 no direction, only characters, black after 30 seconds from homing completed
  - 3 no direction and characters

4 no direction, only characters (Only for call board)

B.1.2.6 Setting Item 5 – Setting of parking characters (Car display board is same with call board)

5 R

L, R value: 01=ZT, 02=PARK, 03=

# R Default setting: 01

75

B.1.2.7 Setting	Item 6 - Setting of full load status (Only for call board)
	L, R value: 01 normal display
6	02 Display direction and characters
LR	03 characters while stop, normal while running
	04 Have direction, display characters and floor in turn (Only when character is 1 bit or 2 bit)
	Default setting: 01
B.1.2.8 Setting	Item 7 - Setting of full load characters (Only for calling board)
7	L, R value: 01=MZ, 02=MY, 03=FL, 04=FULL LOAD.
LR	Default setting: 01
B.1.2.9 Setting	Item 8 - Setting of overload status (Only for car display board)
	L, R value: 01 normal display
8	02 Display direction and characters
LR	03 Display characters while stop, normal while running
	04 Have direction, display characters and floor in turn (Only when character is 1 bit or 2 bit)
	Default setting: 03
B.1.2.10 Settin	g Item 9 - Setting of overload status (Only for car display board)
9	L, R value: 01=CZ, 02=OL, 03=OVER LOAD. Default setting: 01
B.1.2.11 Settin	g Item A - Setting of fire initial status (Only for call board)
Α	L, R value: 01 normal display
	02 no direction and floor
	03 same setting as fire status setting
	Default setting: 02
R 1 2 12 Sottin	a Item B - Setting of fire status
	L: Car display setting B: Call board display setting Default setting: L=1 B=1
В	L. R value: 1 normal display
LR	2 Dicelay characters while stop, permal while rupping
	2 Display characters while stop, normal while running
	3 Have direction, display characters and hoor in turn (Only when character is 1 bit or 2 bit)
B.I.2.13 Settin	g item C - Setting of fire characters (Car display board is same with call board)
	L,R value: 01=XF, 02=FR, 03=FIRE. Default setting: 01
B.1.2.14 Settin	g Item D - Setting of error display (Only for car display board)
	L, R value: 01 normal display
	02 display characters
LR	03 Display characters while stop, normal while running
_	04 Display characters and floor in turn
Ľ	Default setting: 03
E 1 2 15 Sottin	rror display: Error F, Door open error n, Door close error u, Door stop error o
D.1.2.13 Setting	L value: O this arrow
E	1 thick arrow
LR	R value: 1 no roll while running
	2 roll while running
	Default setting: 02
R 1 7 16 Sattin	g Item E - Display mode
5.1.2.10 Setting	L value: 0 null screen while floor changed, 1 vertical roll while floor changed
F	2 value: o pair server while floor changed, 1 vertical foir while floor changed
LR	Default setting: 0
	R value: 0 no floor flicker while deceleration, 1 floor flicker while deceleration
	Default setting: 0

B.1.2.17 Setting Item G - Setting of arrival lamp and arrival bell

L Arrival lamp: 0 flicker G R

1 no flicker

R Duration time of arrival bell: (2+N\*0.5) seconds

Default setting: 00

#### B.1.2.18 Setting Item H - Display setting



R

LR

S

LR

Т

L R

L

L: Display area setting of the third characters while three characters

While three characters, the third character can be set by custom through mainboard setting. There are 15 characters can be selected,

### the relation of display is as below:

					_										
Mainboard setting	А	В	С	D	Е	F	G	Н	I	J	к	L	М	Ν	0
Character display while L=0	А	В	С	D	Е	F	G	Н	I	J	к	L	М	Ν	0
Character display while L=1	А	В	С	D	Е	0	1	2	3	4	5	6	7	8	9

R: When only single character, setting for its position (Only for 11\*7 dot matrix)

0 in the middle

1 in the right

Default setting: 00

#### B.1.2.19 Setting Item R - Recover to default setting

L=5, R=5 recover to default setting, R flickers and success when L=0, R=0

This setting only recovers current setting to default value, no save operation.

#### B.1.2.20 Setting Item S - Save setting

L=5, R=5 save setting, S flicker and success when L=0, R=0

#### B.1.2.21 Setting Item T - Save and transmit setting

L=5, R=5 save and transmit setting, totally 3 times, display the odd times with L&R while transmitting.

T flickers and success to transmit setting to other call board (include car display board) when L=0, R=0. T flickers and fail when L=1, R=1.

Note: This function must be operated in inspection mode and the elevator must stop, otherwise, other call board will not receive the

#### settings.

#### **B.2 Segment LCD Display Call Board Setting Method 1**

#### **B.2.1 Setting Method**

#### **1** Enter function setting

Select a nearest call board, cut off the power (remove communication cable J1). Short the jumpers JC. Then power on, it will enter checking mode. Press up-call button and down-call button at the same time, 2 or 3 seconds later, it enters the setting mode.

#### 2. Function setting

In setting mode, floor display-area displays current user code and program version. Following the character U, current user code is displayed. Following the character P, it is current program version. Above contents flicker 3 times, and then system enters the function setting mode.

Left figure displays setting item code, and right figure displays current function number.



1 Setting item code, that means call display setting in parking period.

1 means system displays normally in parking period. Arrived at the base floor 30 second later, system displays off.

Press up-call button to change setting item, and press down-call button to change the current set value.

#### 3. Save and transmit set value

To finish this function setting, current setting should be saved. (Refer to **B2.2.13** for details)

If the whole call system update is needed, enters transmit set item(Refer to B.2.2.14 for details) after saving operation and the car is in INSP and parking status, and transmit the setting to other call boards and COP display boards.

#### 4. Exit the Setting Mode

Pull out the JC jumper, and system enters normal work mode.

If pull out the jumper before transmitting and saving parameters operations, all the function parameters will not be changed.

## **B.2.2 Setting Items**

B.2.2.1 Setting Item 0 - COP display Parking Status Setting

0 N

N Value: 1 Normal display. Arrive at the base floor 30 seconds later, display off.

2 Not display direction and floor, but display  $\Theta$  sign, and arrive at base floor 30 seconds later, display off. 3 Display off.

Default: 1
B.2.2.2 Setting Item 1 - Call Board display Parking Status Setting
N Value: 1 Normal display. Arrive at base floor 30 seconds later, display off.
2 Not display direction and floor, but display $\Theta$ sign, and arrive at base floor 30 seconds later, display off.
3 Display off.
4 Not display direction and floor, but display $\Theta$ sign.
Default: 2
B.2.2.3 Setting Item 2 - Setting of error display (Only for COP display board)
N Value: 1 Normal display.
2 Display characters.
3 Display characters while stop, and display normal while running.
4 Characters and floor display in turn.
Default: 3
Error display characters: Error F, Door open error n, Door close error u, Door stop error o
B.2.2.4 Setting Item 3 - Setting of inspection characters (Car display board is same with call board)
N value: 1 Display INS while stop and normal display while running.
2 Normal-display
3 Not display direction, but display INS.
4 Not display direction and floor, but display 🛛 💥 sign.
Default setting: 2
B.2.2.5 Setting Item 4- Call Board display Inspection Status Setting
4 N Value: 1 Display characters INS while stop, and display normal while running.
2 Normal display
3 Not display direction, but display characters INS.
4 Not display direction and floor, but display 🎽 sign.
Default setting: 2
B.2.2.6 Setting Item 5 - Fire Initial State Display Setting (Only for call board)
5 N Value: 1 Normal display
2 Not display direction and floor
3 The same to Fire setting
Default setting: :2
B.2.2.7 Setting Item 6 - Fire Status Display Setting for COP board
6 N Value: 1 Normal display
2 Display characters FIRE while stop, and display normal while running.
3 Not display direction, but display characters FIRE
Default: 1
B.2.2.8 Setting Item 7 - Fire Status Display Setting for call board
7 N
2 Display characters FIRE while stop, and display normal while running.
3 Not display direction, but display characters FIRE
Default: 1
B.2.2.9 Setting Item 8 - Display Mode
8 N Value: 0 Not flicker at speed-change floor
1 Flicker at speed-change floor
Default: U
B.2.2.10 Setting Item 9 - Arrival Lamp Setting
9 N 1 Net flicker
Detault: U

#### B.2.2.11 Setting Item A - Arrival Gong Setting

N Value: 0-7



Arrival signal last time: (2+N\*0.5) seconds

Default: 0

B.2.2.12 Setting Item B - The third characters display setting for three characters display

While three characters, the third character can be set by custom through mainboard setting. There are 15 characters can be selected, the



CN

E N

ΤN

relation of display is as below:

Mainboard setting	А	В	С	D	E	F	G	н	Ι	J	К	L	м	Ν	0
Character display while L=0	А	В	с	D	Е	F	G	н	I	J	к	L	М	Ν	0
Character display while L=1	А	В	С	D	Е	0	1	2	3	4	5	6	7	8	9

Default: 0

B.2.2.13 Setting Item C – Calling Button Back Light Setting

N Value: 0 No back light

1 With back light

Default: 0

B.2.2.14 Setting Item D – Running Direction Flash Setting

N Value: 0 Direction do not flash when running

DN

1 Direction flash when running

Default: 1

#### B.2.2.15 Setting Item E - Save Setting

Press down-call button, 3 seconds later, N start to flicker, and N changes from 3 to 0 which means saving current setting success.

#### B.2.2.16 Setting Item T - Save and Transmit Setting

Press down-call button, 3 seconds later, transmission starts. Transmission will be carried out for 3 timers, and N shows the residual

number of transmissions in processes. N Flickers and changes from 3 to 0 which means transmit to other call-boards successfully or else failed.

Note: This function must be operated in inspection mode and the elevator must stop, otherwise, other call board will not receive the settings.

#### **B.3 Segment LCD Display Call Board Setting Method 2**

**B.3.1 Setting Method** 

#### 1 Enter function setting

Select a nearest call board, cut off the power (remove communication cable J1). Short the jumpers JC. Then power on, it will enter checking mode. Press

up-call button and down-call button at the same time, 2 or 3 seconds later, it enters the setting mode.

#### 2. Function setting

In setting mode, floor display-area displays current user code and program version. Following the character U, current user code is displayed. Following the character P, it is current program version. Above contents flicker 3 times, and then system enters the function setting mode.

In function setting mode, left figure displays setting item code, and right figure displays current function number.



1- Setting item code. That means English car status display setting.

0- means English car status not display

Press up-call button to change setting item, and press down-call button to change the current set value.

#### 3. Save and transmit set value

To finish this function setting, current setting should be saved. (Refer to B.3.2.10 for details)

If the whole call system update is needed, enters *transmit set* item(Refer to **B.3.2.11** for details) after saving operation and the car is in INSP and parking status, and transmit the setting to other call boards and COP display boards.

#### 4. Exit the Setting Mode

Pull out the JC jumper, and system enters normal work mode.

If pull out the jumper before transmitting and saving parameters operations, all the function parameters will not be changed.

#### **B.3.2. Setting Items**

0 N

B.3.2.1 Setting Item 0 - Chinese Car Status (Full load, overload, inspection, fire) Display Setting

N Value: 0 Not display

Model Selec	tion Manual f	or Bluelight H	CB call board

	≠0 Normal display
	Default: 1
B.3.2.2 Setting	Item 1 - English Car Status (Full load, overload, inspection, fire) Display Setting
1 N	N Value: 0 Not display
	≠0 Normal display
	Default: 0
B.3.2.3 Setting	Item 2 - Parking Status Display Setting for COP board
	N Value: 1 Normal display, and arrive at base floor 30 seconds later display off.
2 N	2 Not display direction, but display characters, and arrive at base floor 30 seconds later display off.
	3 Not display direction and characters.
	Default: 1
B.3.2.4 Setting	Item 3 - Parking Status Display Setting for Call board
	N Value: 1 Normal display, and arrive at base floor 30 seconds later display off.
3 N	2 Not display direction, but display characters, and arrive at base floor 30 seconds later display off.
	3 Not display direction and characters.
	4 Not display direction, but display characters.
	Default: 2
B.3.2.5 Setting	Item 4 - Parking Status Display Characters Setting (For call board and COP board, the characters are the same)
4 N	N Value: 1=ZT Default: 1
B.3.2.6 Setting	Item 5 - Error Display Setting (Only for COP board)
5 N	N Value: 1 Normal display
	2 Display characters
	3 Display characters while stop, normal display while running.
	4 Display characters and floor in turn.
	Default: 3
	Display Error:Error F, Door Open Error n, Door Close Error u, Door Stop Error o
B.3.2.7 Setting	Item 6 - Display Mode
6 N	N Value: 0 Not flicker at speed-change floor
	1 Flicker at speed-change floor
	Default: 0
B.3.2.8 Setting	Item 7 - Arrival Lamp Setting
	N Value: 0-Flicker
	1-Not flicker
	Default: 0
B.3.2.9 Setting	Item 8 - Arrival Gong Setting
8 N	N Value: 0-7
0 1	Arrival signal last time: (2+N*0.5) seconds
	Default: 0
B.3.2.10 Settin	g Item 9 - Save Setting
9 N	Press down-call button, 3 seconds later, N start to flicker, and N changes from 3 to 0 which means saving current setting success.
B.3.2.11 Settin	g Item T – Save and Transmit Setting
	Press down-call button for 3 seconds, transmission starts. Transmission will be carried out for 3 timers, and N shows the residual number
ΤΝ	of transmissions in processes. N Flickers and changes from 3 to 0 which means transmit to other call-boards successfully or else failed.
	Note: This function must be operated in inspection mode and the elevator must stop, otherwise, other call board will not receive the
	settings.
B.4 Group Con	trol Call Board Setting Method
B.4.1 Setting N	Aethod
1 Enter function	on setting

Select a nearest call board, cut off the power (remove communication cable J1). Short the jumper JC and the jumper EN (DS). Then power on, it will enter

### setting mode.

#### 2. Function setting

In setting mode, display-area displays current user code and program version. Following the character U, current user code is displayed. Following the character P, it is current program version. Pressing AN button or up-call / down-call button, system enters the function setting mode.

In function setting mode, left figure displays setting item code, and right figure displays current function number.



0 Setting item code. That means arrival gong time setting.

1 Arrival gong time is set to 1, which means arrival signal last for 2 seconds.

Press AN button to change setting item, and press up-call button or down-call button to change the current set value.

#### 3. Save and transmit set value

To finish this function setting, current setting should be saved. (Refer to B.4.2.4 for details)

If the whole call system update is needed, enters *transmit set* item(Refer to **B.4.2.5** for details) after saving operation and the car is in INSP and parking status, and transmit the setting to other call boards and COP display boards.

#### 4. Exit the Setting Mode

Pull out the JC and EN (DS) jumper, the call board enters normal work mode.

If pull out the jumpers before transmitting and saving parameters operations, all the function parameters will not be changed.

#### **B.4.2. Setting Items**

B.4.2.1 Setting Item 0 - Arrival Gong Time Setting

Arrival gong signal last time: (2+N\*0.5) seconds

0 N

1 N

2 N

N Value: 0-8 Default: 0

B.4.2.2 Setting Item 1 - Arrival Lamp Pulse Interval Setting

Arrival Lamp Pulse Interval: (1+N)\*0.5 seconds

N Value: 0-8

Default: 0

#### B.4.2.3 Setting Item 2 - Arrival Lamp Mode Setting

N Value: 0 Arrival lamp output flickeringly according to pulse interval.

1 Continuous output while arrival lamp effective.

2 Arrival lamp output once according to pulse interval.<sup>[Note]</sup>

Default: 0

Note: While N is set to 0 or 1, the requirement of arrival lamp effective is a speed-change signal occurs in current door zone or door is open in current door zone.

The requirement of arrival lamp effective is a speed-change signal occurs in current door zone.



#### B.4.2.4 Setting Item 3 - Save Setting

3 N Press up-call button and down-call button at the same time, 3 seconds later, N start to flicker, and N changes from 3 to 0 which means saving current setting success.

#### B.4.2.5 Setting Item 4 - Save and Transmit Setting

4 N

Press up-call button and down-call button at the same time, 3 seconds later, transmission starts. Transmission will be carried out for 3 timers, and N shows the residual number of transmissions in processes. N Flickers and changes from 3 to 0 which means transmit to other call-boards successfully or else failed.

Note 1: This function must be operated in manual mode and the elevator must stop, otherwise, other group call board will not receive

the settings.

# Note 2: If there is another model call board in the same CAN communication net, with the condition which is not fulfilled Note 1, it's possible to change other model call board parameters setting.

#### **B.5 Port Transformer Board Setting Method**

#### **B.5.1 Setting Method**

#### 1 Enter function setting

Select a nearest call board, cut off the power (remove communication cable J1). Short the jumper JC and the jumper EN (DS). Then power on, it will enter setting mode.

#### 2. Function setting

After entering setting mode, 7-segment-code LED displays current user code and program version. Following the character U, current user code is displayed. Following the character P, it is current program version. Pressing AN button or up-call / down-call button, system enters the function setting mode.

In function setting mode, decimal points on 7-segment-code LEDs indicate tow status, the setting items or setting values. It is in selecting setting item mode while the decimal point on right 7-segment-code LED lightening on. It is in setting item value mode while the decimal points on left and right 7-segment-code LEDs all lightening on. Examples are as below.



Press AN button to switch the tow modes- Setting Items or Setting Item Value, and press up-call button or down-call button to change the current set value.

#### 3. Exit the Display Setting

Pull out the JC and EN (DS) jumper, the transformer board enters normal work mode.

If pull out the jumpers before transmitting and saving parameters operations, all the function parameters will not be changed.

#### **B.5.2 Setting Items**

B.5.2.1 Setting Item 00 - Floor-display code mode

Value: 0 - Binary Code

- 1 Binary-Coded Decimal (BCD)
- 2 Binary Gray Code

#### Default: 0

B.5.2.2 Setting Item 01 - Floor-display output mode

- Value: 0 Physical floor + Offset output
  - 1 Main control board floor-display setting+ Offset output
  - 2 Physical floor + Code table (Display conversion table provided by manufacturer) output
  - 3 Main control board floor-display setting + Code table (Display conversion table provided by manufacturer) output

#### Default: 0

Physical floor: For the N floor lift, 0 means the bottom floor, 1 means the second bottom floor, and N-1 means top floor.

Offset: digit 0 - 9, can be changed by configuration.

Example 1: Assuming that offset is 1. Lift stops at the 2 floor (There are 2 floors of basement), the current physical floor is 3, and the lift displays floor

2.

Output in the physical floor plus offset way, the output is 3+1=4.

Example 2: Assuming that offset is 1. Lift stops at the 2 floor (There are 2 floors of basement), the current physical floor is 3, and the lift displays floor

2.

Output in the main control board floor-display setting plus offset way, the output is 2+1=3.

In this way, the characters main control board set only can be digit 0 to 9, and 3-bit display is not supported.

Example 3: Lift stops at basement 1 (There are 2 floors of basement), the current physical floor is 1, and the lift displays B1. (Corresponding to B1, the display code is 60.) In code table, TB (1) =60.

Output in the physical floor plus code table way, the output is 60.

Example 4: Lift stops at floor 13, the lift displays floor 12A. (Corresponding to 12A, the display code is 86.).

Output in the physical floor plus code table way, the output is 86.

B.5.2.3 Setting Item 02 - Floor-display output offset

Value: 0-9. Default: 1

B.5.2.4 Setting Item 03- Up arrival and down arrival output setting

Value: 0- Output in conformity to 0.5 second pulse interval when lift arrival.

1 - Arrival signal continuous output

Default: 0

#### B.5.2.5 Setting Item 04- save setting

In the item value setting mode, press up-call button and down-call button simultaneously. 2 seconds later, the 7-segment-code LEDs start to flicker. Flicker

for 3 times means save success.

B.5.2.6 Setting Item N- Port signal output setting

N is for 11-20 representing J5-11 to J5-20.

Value: 0-22 corresponding to the output in the following table.

#### Port Signal Output Code Table

Code	Output Signal	Code		Output Signal						
00	Parking	12	Door interlock off	oor interlock off						
01	Inspection	13	Door open	ioor open						
02	Fire	14	Door close	loor close						
03	User	15	Up							
04	Manual	16	Down	iown						
05	Auto	17	Run	Run						
06	Error	18	Stop(No run signal)							
07	Overload	19	Full load*/ Overload** : *	Full load*/ Overload**:*For call display board, **For COP display board						
08	Full load									
00	Safe loop	20	Arrival output: speed-cha	ange signal come, output for 2 seconds						
09	(Emergency stop)		Current noor output for	can board display, arrival going output for COP board						
10	Fire and stop at fire floor	21	Up arrival output	Output requirements are speed-change signal in current floor						
11	Door interlock	22	Down arrival output	comes.						

# Appendix C Dimensions of installation baseboard



Fig2



# Appendix D Touch-button Call Board Installation Guide and Setting Method

# D.1 Installation Guide



#### **D.2 Floor Address Setting Method**

### The same as appendix A.1 and A.2

**D.3 Button Brightness Setting** 

### 1. Enter the Setting Mode

Open the box of call board, and press AN key-press on the SJT-BUTTON-CVx board for 1 second, button appears red and white alternately for 3 times, and then enter the button lightness setting mode.

#### 2. Brightness Setting Method

(1) In setting mode, buttons light in white. Each pressing the up-call button, the brightness increases by one level. When the brightness is up to the brightest level, it will be back to the darkest, and then increases. Each pressing the down-call button, the brightness decreases by one level. When the brightness reaches to the darkest level, it will be back to the brightest, and then brightest, and then decreases. There are six levels for button brightness.

2 Release the button, and no button press in 2 seconds, current white button brightness setting will be saved, and then buttons light in red.

③ Each the up-call button pressing, the brightness increases by one level. When the brightness is up to the brightest level, it will be back to the darkest, and then increases. Each pressing the down-call button, the brightness decreases by one level. When the brightness reaches to the darkest level, it will be back to the brightest, and then decreases. There are six levels for button brightness.

④ Release the button, and no button press in 2 seconds, current red button brightness setting will be saved.

(5) Buttons flash 3 times in white and red alternately, and it enters the normal working mode, and the setting finishes.

Note: Normally, the color of buttons on touch-button call board is white or red. Button shows in white, and will become red when being touched. **D.4 Function Setting** 

## D.4.1 Segment LCD Call Board Function Setting

D.4.1.1. Segment LCD Call Board Function Setting Method

1. Enter Setting Mode

Power off the system (Pull out the communication cable), short the jumper named JC, and then power on. System runs in check mode. Press the AN button for 2 or 3 seconds, system enters setting mode.

2. Function Setting Method

In setting mode, floor display-area displays current user code and program version. Following the character U, current user code is displayed. Following the character P, it is current program version. Above contents flicker 3 times, and then system enters the function setting mode. Left figure displays setting item code, and right figure displays current function number.

Floor (H)		
Floor (L)	2	1

2 Setting item code, that means call display setting in parking period.

1 means system displays normally in parking period. Arrived at the base floor 30 second later, system displays off. Press up-call button to change setting item, and press down-call button to change the current set value.

3. Save and transmit set value

To finish this function setting, current setting should be saved. (Refer to D.4.1.2.6 Setting Item 5 for details)

If the whole call system update is needed, enters *transmit set* item(Refer to **D.4.1.2.7 Setting Item 6** for details) after saving operation and the car is in INSP and parking status, and transmit the setting to other call boards and COP display boards.

# 4. Exit the Setting Mode

Pull out the JC jumper, and system enters normal work mode.

If pull out the jumper before transmitting and saving parameters operations, all the function parameters will not be changed. D.4.1.2 Segment LCD Call Board Function Items

D.4.1.2.1 Setting Item 0- Elevator Status (Full-load, Over-load, Inspection, Fire service) Chinese Display

0 N	N Value: 0 Not display
	≠0 Normal display
	Default: 1
D.4.1.2.2 Setting	Item 1- Elevator Status (Full-load, Overload, INSP, FIRE) English Display
	N Value: 0 Not display
	≠0 Normal display
	Default: 1
D.4.1.2.3 Setting	Item 2- Parking Status Display Set
	N Value: 1 Normal display, and display off arrived base floor 30 seconds later.
	2 Not display direction, display characters, and display off arrived base floor 30 seconds later.
	3 Not display direction and characters
	4. Not display direction, display characters
	Default: 2
D.4.1.2.4 Setting	Item 3- Parking Status Display Characters Set (COP displays the same characters as call board)
3 N	N Value: 1= ZT Default: 1
5 1	
D.4.1.2.5 Setting	Item 4- Display Mode Set
4 N	N Value: 0 Not flicker at changing speed floor
	1 Flicker at changing speed floor
	Default: 0
D.4.1.2.6 Setting	Item 5- Save Setting
5 N	Press the down-call button for 3 seconds, character N starts to flicker, N changes from 3 to 0, that means saving success.
D.4.1.2.7 Setting	Item 6- Save and transmit Setting
TN	Press the down-call button for 3 seconds, and then the transmission starts. It will transmit 3 times, in this period, character N shows
	the residual number of transmissions.
	N flickers and change from 3 to 0. That means the setting has been transmitted to other call board, otherwise, transmission fails.
	Note: This function should be carried out when car is in INSP and parking status, otherwise, other call board will not receive the
	setting parameters.
D.4.2 Dot Matrix	display Call Board Function Setting
D.4.2.1 Dot Matr	ix Display Call Board Function Setting Method
1. Enter Setting N Power off the sys	viode stem (Pull out the communication cable), short the jumper named IC, and then power on System runs in check mode, Press the AN
button for 2 or 3	seconds, system enters setting mode.
2. Function Settir	ng Method
In setting mode,	direction dot matrix displays character U and character P alternately. When the character U is displayed, current user code is displayed in
floor dot matrix.	When the character P appears, current program version is shown in floor dot matrix. Above contents flicker 3 times, and then system
Direction dot ma	trix displays setting item code, and floor dot matrix display current function number.
Direction dot r	natrix 0: Setting item code, which means upper LED setting.
Floor dot matr	ix (H) 1: Left LED set to 1, which means upper left LED is set to User.
Floor dot matr	rix (L) 1 2 3: Right LED set to 2, which means upper right LED is set to Full-load.
Press up-call but	ton to select dot matrix, and dot matrix selected will flicker. At this moment, the set value could be changed. Press down-call button to
3. Save and trans	mit set value

To finish this function setting, current setting should be saved (Refer to D.4.2.2.16 Set Items S for details).

If the whole call system update is needed, enters *transmit set* item(Refer to **D.4.2.2.17 Set Items T** for details) after saving operation and the car is in INSP and parking status, and transmit the setting to other call boards and COP display boards.

4. Exit the Setting Mode

Pull out the JC jumper, and system enters normal work mode.

If pull out the jumper before transmitting and saving parameters operations, all the function parameters will not be changed.

D.4.2.2 Dot Matrix Display Call Board Function Items

D.4.2.2.1 Setting Item 0-Upper LED Setting L

Left LED setting Right LED setting Default: 2, 4 R

L. R Value: R

L

0: Not display. 1: User. 2: Full-load. 3: Overload. 4: INSP. 5: Fire. 6: Err. 7: Park D.4.2.2.2 Setting Item 1-Lower LED Setting

1 R L

2

3

LR

4

L R

R

0

L

L, R Value:

0: Not display. 1: User. 2: Full-load. 3: Overload. 4: INSP. 5: Fire. 6: Err. 7: Park

D.4.2.2.3 Setting Item 2-Inspect Status Display Setting

L R: Value: 01 Normal display

Left LED setting

02 Display character in parking status, and normal display in run status

R Right LED setting Default: 5, 1

03 Not display direction, but display character

04 Not display floor and direction

05 Display direction, and display character and floor alternately (Only for 1 character or 2 characters)

Default: 02

D.4.2.2.4 Setting Item 3- Inspect Status Display Characters Setting

L, R Value: 01=JX, 02=INS. Default: 01

D.4.2.2.5 Setting Item 4- Parking Status Display Setting

L, R Value: 01 Normal display, and display off arrived base floor 30 seconds later.

02 Not display direction, but display character, and display off arrived base floor 30 seconds later.

03 Not display floor and direction

04 Not display direction, but display character

Default: 02

D.4.2.2.6 Setting Item 5- Parking Status Display Characters Setting

5 R L

6

7

8

R L

L R L, R Value: 01=ZT, 02=PARK, 03= 🚞 Default: 01

D.4.2.2.7 Setting Item 6- Full-load Status Display Setting

L, R Value: 01 Normal display

02 Display floor and direction

03 Display direction, and display character and floor alternately (Only for 1 character or 2 characters)

Default: 01

D.4.2.2.8 Setting Item 7- Full-load Status Display Characters Setting

L, R Value: 01=MZ, 02=MY, 03=FL, 04=FULL LOAD.

Default: 01

D.4.2.2.9 Setting Item 8- Fire Initial State Display Setting

L, R Value: 01 Normal display

02 Not display floor and direction

03 The same to fire setting

Default: 02

D.4.2.2.10 Setting Item 9- Fire Status Display Setting

L, R Value: 01 Normal display

02 Display character in parking status, and normal display in run status

03 Display direction, and display character and floor alternately (Only for 1 character or 2 characters)

Default: 01

D.4.2.2.11 Setting Item A- Fire Status Display Character Setting

L, R Value: 01=XF, 02=FR, 03=FIRE. Default: 01

D.4.2.2.12 Setting Item B- Direction Arrow Display Setting

L Value: 0 Thin arrow

1 Thick arrow

R Value: 0 No scrolling in run-time

1 Scrolling in run-time

# Default: 01

# D.4.2.2.13 Setting Item C- Display Mode

C	2
L	R

В

LR

L Value: 0 Pull-curtain display when floor changes. 1 Vertical-scroll display when floor changes.

2 Horizontal-scroll display when floor changes. 3 Not scroll when floor changes.

Default: 0

R Value: 0 Unflicker at speed-change floor. 1 Flicker at speed-change floor.

# Default: 0

# D.4.2.2.14 Setting Item D- Display Setting



L: The third character display area setting in the case of three-character display.

For three-character display, user sets what is shown in the third character area by main control board. F0-05 to F0-68 parameters show the 3- character display setting, which the former two characters can be set as digit, letter or minus, and the third character can be set to the following uppercase letters only, A B C D E F G H I J K L M N O. For 2-character display, please set the former tow characters, and set the third character to space. (The 3-character display function should be match to specific call board program, otherwise, 3-character display may be abnormal.) Main control board can set 15 characters as follow.

Main control board setting characters	А	В	С	D	Е	F	G	н	Ι	J	К	L	М	Ν	0
Display character L=0	А	В	С	D	Е	F	G	н	I	J	к	L	М	Ν	0
Display character L=1	А	В	С	D	Е	0	1	2	3	4	5	6	7	8	9

R: Only one character to display, whether display it in the middle or not. (Only for 7\*11 dot matrix)

0 Center display

1 Right display

Default: 00

D.4.2.2.15 Setting Item R- Restore Factory Defaults

L=5, R=5 Restore factory defaults. R flickers and L=0, R=0 means restore success.

Note: This function restores the current settings to factory defaults, but saving operation has not been carried out yet.

#### D.4.2.2.16 Setting Item S- Save the Setting

S L R

R

LR

L=5, R=5 Save the setting. S flickers and L=0, R=0 means current setting has been saved successfully.

# D.4.2.2.17 Setting Item T- Save and Transmit the Setting



L=5, R=5 Save and transmit the setting.

Transmit for 3 times, L and R display the residual number of transmissions in processes.

T flickers and L=0, R=0 means the setting has been transmitted to other call board in system (Including COP display boards). T flickers and L=1, R=1 means transmit failed.

Note: This function must be carried out with the car being in inspection and parking status or else other call board will not receive the setting.

# Appendix E XS456 Hall Call Box Installation Instruction

- E.1 Drill locator holes according to the location and size of product, the diameter of outlet hole shall be no less than 46mm, refer to figure 1;
- E.2 Install expansion bolt at the up and down locator holes, the expansion bolt shall not come out of the wall surface. Put in the expansion screw, leave it 5-6mm out of the wall surface, refer to figure 2;

E.3 Push the installation cover cap off the hall call box, refer to figure 3;

- E.4 Connect cable, set floor address, then after making sure hall call box is working properly, use hanging holes at the back to hang hall call box at locator hole on the wall, refer to figure 4;
- E.5 Make sure hall call box is firmly and closely against the wall, tighten the down locator screw through the metal cushion plate and locator hole at the bottom of hall call box, refer to figure 5;
- E.6 Installation complete.

