

HP Series Hearing Aid Programmer Installation Guide

1. Introduction

HP series hearing aid programmer and the USB interface of PC computer constitute a complete HP system. After set up HP system, you can read and write the data of hearing aid through the hearing aid software that provide by manufacturers.

2. Technical specifications

PC computer

USB communication: SB 2.0 full speed(USB 1.1 compatible)

HP equipment

Voltage rating: 3.8V - 9V

Maximum current consumption: <500 mA (2.5W)

Minimum current consumption: <500 μ A (2.5mW)

Rated output

Fixed battery supply(PIN1),left,right side

1.35V, 10/50 Ma(Rated current control fitting software)

Programmable battery power supply (PIN5), common for the left and the right

-3.50V to \pm 3.50V, 30 mA(Voltage control fitting software)

Work environment

Temperature : +5 $^{\circ}$ C to + 40 $^{\circ}$ C

Relative humidity : 30% to 90%, noncondensable

Preheating time : <20 second

Air pressure : 600hPa to 1060 hPa

Operate In the temperature below - 20 $^{\circ}$ C or above 60 $^{\circ}$ C may cause permanent damage

Store:

Temperature -25 $^{\circ}$ C to +70 $^{\circ}$ C

Relative humidity : <90%, noncondensable

Air pressure : 500hPa to 1060 hPa

Size and weight

Size (L*W*H) 94mm \times 82 mm \times 25mm

Net weight : 120g \pm 5%

Product period

10 years

Standard

Safety and system : GB9706.15-1999

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Radiation:GB9706.12-1997

Electromagnetic compatibility:YY0505-2005

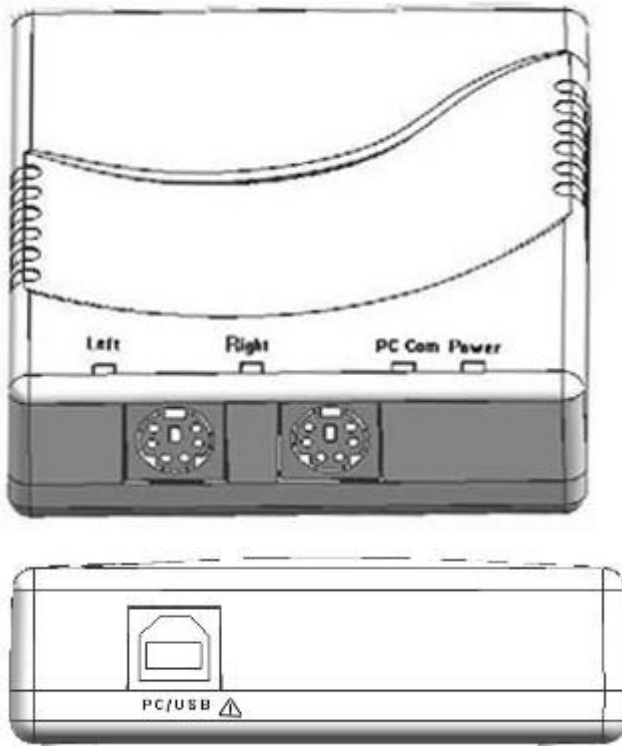
3. Accessories

When receive HP equipment,please check whether the outer packing is complete and whether the accessories are all ready,if not,please contact manufacturer.

Standard configuration of HP equipment

Details	Quantity
HP host	1
USB cable	1
CD	1
User manual	1

4. Introduction of panel function



5. Software and drive set up

Notice:On PC, you need to log in to the administrator account or need an administrator account to install the software.During the installation process, if the anti-virus software prompts, please click Allow, otherwise the software will not be installed.

The software is compatible with Windows 2000, XP and Vista system

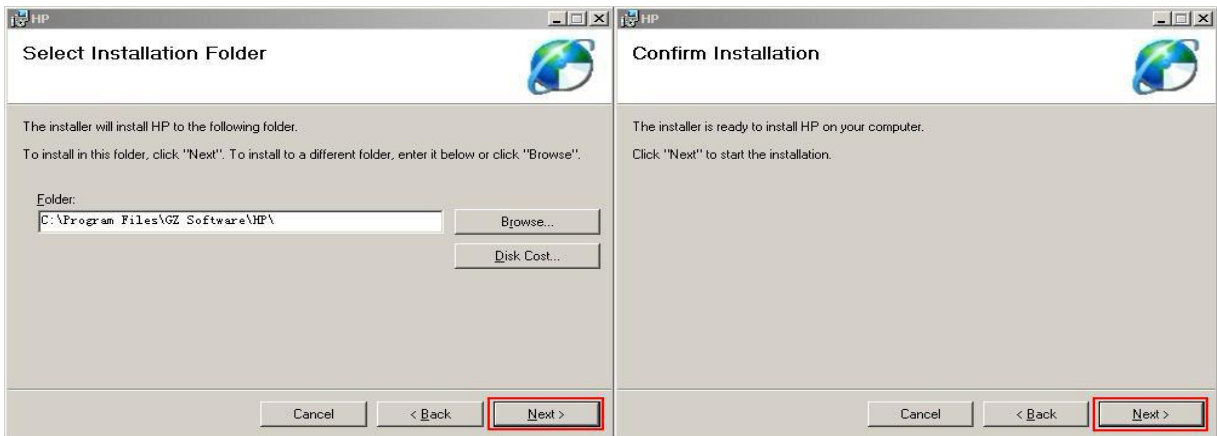
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1. Drive the CD into the CD-ROM drive. Double-click the CD-ROM drive icon to install or open the CD-ROM drive and double-click "setup.exe" to install.



2. You don't need to make special settings during installation. Just install it directly by default.



3. When the following dialog box appears. Please connect the USB port of the HP device to the USB of the PC with the USB cable. Then click "OK" to install the driver.



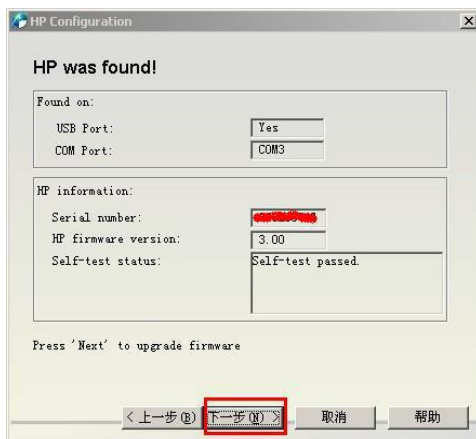
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4. After the driver is installed, the software automatically starts to search for the HP device. The following picture appears:



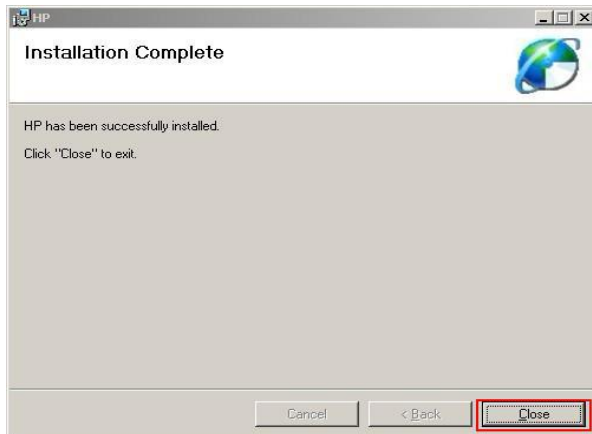
5. When the HP device is found, information about the device is displayed. Click "Next" and "Finish".



6. Click "Close" to finish installation.

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6. Notes

1. Please keep your HP device in a well ventilated area away from all liquids and heat sources and away from strong radio fields such as somewhere around the mobile phone.
2. The HP device is connected via USB HUB. Please ensure that the USB HUB is powered separately to ensure that the HP device has enough current to work.
3. When the hearing aid is programmed, the LEDs on the panel are flashing, indicating that the HP system is communicating. Do not cut or connect the hearing aid at this time, which can damage the hearing aid.
4. When the weather is dry, antistatic accumulation should be done to prevent damage to HP equipment and hearing aids.
5. If HP fails, do not disassemble HP yourself, there is danger of electric shock, and it will also lose warranty service.

7. Equipment trouble shooting

When the HP device is powered up, the LEFT and Right LEDs on the panel flash once, indicating that the HP device is performing an automatic test. When the self-test is completed, only the power indicator will light up. If the LEFT and Right LEDs are not flashing or lights are always on, the self-test failed. You can try to power on again. If this happens again, please contact the manufacturer.



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Self-test results are normal, but the HP software can not find the HP device	Check if the driver is installed correctly. If the driver is not installed correctly, please install it manually. See Attachment 1 for the steps.
	Check if the COM port device is used in the COM1~COM3 range. If it is outside this range, please change it. See Attachment 2 for the steps
Device instability	Replace the USB port of the PC or replace the PC for testing
	Replace the USB data cable

Specifications are subject to change without notice.