HP5990A

WIRELESS HEADSET
FOR SENIORS

User Manual
Please Read This Manual Carefully Before Use
INTRODUCTION

This WIRELESS CHIN HEADSET uses latest wireless technology, and enables to improve the hearing aid capability that may required by the elderly people to enjoy crystal sound stereo music and TV sound anywhere inside your home. Simply connect the transmitter to a desired audio source: DVD player, CD player, TV set, Hi-Fi system, or iPod. Without complicated wiring and installation, the system enables you to enjoy thrilling, lifelike sound in minutes.

FEATURES

1. Auto Tuning System on Headset
2. Docking Charge Mechanism
3. RF Transmission Auto Off (when without audio signal)
4. Music Muting for Verbal Communications
5. Speed Charging Mechanism
6. Headset with built-in Rechargeable Lithium Battery
7. Adjustment of Sound Balance on Left and Right Side
8. Adjustment of Treble and Bass for Individual Requirement
1. Headset Receiver
2. Transmitter
3. In-Ear Headphone
4. RCA Adapter Cable
5. Audio Cable (both ends with 3.5 mm stereo plug)
6. Power Adaptor
7. 6.3 mm to 3.5 mm Adapter Plug (Optional)
8. SCART Adapter (Optional)
Function Identification: Headset Receiver

1. 3.5mm Headphone Socket
2. LED Indicator of Power/Signal
3. Volume Control
4. Mute Button for Verbal Communications
5. Microphone
6. Auto Tune Button for Frequency Channel
7. Sound Balance Control (Left/Middle/Right)
8. Belt-Clip
9. Battery Charging Contact
10. Power On/Off
1. Charging Cradle
2. Tone Clarity
3. LED Indicator of Battery Charge
4. LED Indicator of Audio Signal
5. LED Indicator of Power
6. LED Indicator of Treble Sound
7. LED Indicator of Bass Sound
8. Audio In
9. Frequency Channel Selector (CH1 or CH2)
10. Power ON/OFF
11. DC In
INSTALLATION

TRANSMITTER
1. Connect the Power Adapter to the DC IN input Socket located on the transmitter rear panel.
2. Connect the Power Adapter provided to an Electrical Outlet.
3. RCA Adapter Cable, Audio Cable, 6.3 mm to 3.5 mm Adapter Plug, and SCART Adapter are provided for various type of connection to your Audio Source (e.g. TV set, Hi-Fi system, MP3 or iPod).
4. Behind the Transmitter, select the Power ON/OFF Switch to ON position.

The Green Power Indicator LED will light up as soon as you have connected the Power Adapter to the Electrical Outlet, When the Audio Signal is detected from the Audio Source, and the Green LED Signal Indicator will glow constantly.

HEADSET RECEIVER
Make sure the built-in Battery inside the Headset Receiver is fully charged for the first use.
OPERATION

1. Switch on the Audio Source (TV set or audio component) that the Transmitter is connected to. The Signal LED Indicator will glow constantly.
2. Plug the supplied In-Ear Headphone to 3.5mm Headphone socket on the Receiver.
3. Select the On/Off Switch in the Headset Receiver to ON position, then the Green Signal LED Indicator glows.
4. Adjust the Volume for desired sound level, then place it on the head.
5. The signal Green LED Indicator on the headphone will blink slowly with “Beep” in every minute when the battery level is low. Recharge the battery.

NOTE:
Make sure the battery is fully charged before first use. Charge the battery for about 3 hours before first use.

RF Transmission of the Transmitter will automatically switch OFF in approximately 5 minutes if there is no Audio Signal, or the Signal that it receives from the Audio Source is too weak for proper reception. However, if the Signal returns to an acceptable level, the Transmitter will automatically switch ON again.

CHARGING THE BATTERY

1. Select the On/Off Switch in the Headset Receiver to OFF position.
2. Place the Headphone Receiver on the Transmitter, make sure the Charge Contact touches the Charge Pins on the Transmitter.
3. The Charging process starts automatically. LED Indicator glows in Red during charging. It will glows in Green about 2 hours after the battery is fully charged.
WARNING:
Never attempt to recharge conventional dry cells. Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
Never use another type of battery or non-rechargeable batteries to replace the rechargeable batteries supplied.
When the headphones are not in use, move the switch to the OFF position to avoid damaging the batteries.
The batteries must always be fully charged before first use. An initial 3 hours charge is required to guarantee an acceptable service life for the rechargeable batteries. Always ensure that the Headphone Receiver is switched to OFF position while the batteries are charging.
Excessive sound pressure from earphones and headphones can cause hearing loss.

IMPORTANT:
This unit should be operated with rechargeable batteries only. When replacing the batteries or when disposing of the unit, always comply with applicable laws relating to the disposal of batteries. Please place them in a proper disposal container to ensure that they are eliminated safely and in an environmentally friendly way.

TONE CLARITY

When necessary, Treble or Bass in the Headset Receiver can be adjusted on the Transmitter by the Tone Clarity Button. Simply press the Tone Clarity Button to select Treble or Bass, and match to your level of hearing aid capability.
**TECHNICAL SPECIFICATIONS**

Transmission mode: **UHF Stereo**
Carrier frequency: **900MHz**
Operating voltage:
- Transmitter: **8V 400mA**
- Receiver: **3.7 V, 350 mA Lithium Polymer Battery**
Frequency response: **30 Hz – 15 KHz**
Distortion: **<1%**
Signal-to-noise ratio: **>60 dB**
Range: **Up to 30 meters (open area)**
Working Time: **6 Hours**

**TROUBLESHOOTING**

**NO SOUND**
- Ensure that the mains adapter is pushed fully into the power outlet and that its cable is properly connected to the DC IN connector on the transmitter.
- Ensure that the Headset Receiver Power ON/OFF switch is switched to ON.
- The charge level of Battery inside Headset Receiver may be too low. Recharge the battery.
- Ensure that the TV set, Hi-Fi system or audio component is switched ON and set to a channel that broadcasts an audio signal.
- Use the Volume Control on the Headset Receiver to increase the sound level.
- The connected audio/video equipment may not be in playback mode. Start playback on by the equipment.
- The Headset Receiver output level is set too low. Adjust the volume to a suitable level.

**DISTORTION**
- The charge level of Battery inside Headset Receiver may be too low. Recharge the battery.
- The Headset Receiver may be too far away from the Transmitter. Move closer to it.
- The Audio Signal input level is too low. Increase the volume from the audio source.
This device complies with Part 15 of the FCC Rules. Operation of this device is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

WARNING:
Modification of this device to receive cellular radio-telephone service signals is prohibited under FCC rules and Federal Law.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.