

QUATTRO® 4.0 WIRELESS ADAPTIVE ACCESSIBILITY DEVICE

The Quattro 4.0 is a powerful telecommunications device designed to adapt to the rapidly changing needs of people with hearing loss in both wireless & landline environments. The Quattro 4.0 is an amplified Bluetooth accessibility device, perfect for hearing aid and cochlear users as well as those without hearing aids. The amplifier, removable Bluetooth microphone and optional earbuds offer maximum flexibility for hearing loss and difficult listening environments.



Utilizing proprietary technology for amplification and frequency management, robust DSP chipsets, Bluetooth v4 and the only 8 wire loop available, the Quattro 4.0 offers adaptive solutions for wireless telephony as well as landline telephony. Paired with our QLink2® Bluetooth Transceiver, the Quattro 4.0 is the most cost-effective & powerful solution available for people with hearing loss. Its flexibility and functionality ensure connectivity in all environments. This greatly reduces the challenges of compatibility in an ever-changing telephony eco-system.

FEATURES

- Stereo Bluetooth headset profile (A2DP)
- Multipoint connection up to two blue tooth devices
- Walkie-Talkie function, communicate directly with another Quattro 4
- Detachable Bluetooth microphone receiver
- 8-wire material loop
- Call waiting caller ID display
- Stereo music playback control
- 3.5mm jack for external stereo headset (A2DP)
- Voice prompts
- Touch screen button operation
- Multi function LED screen display
- Mute function
- Siri/S voice(Galaxy S4,Note II) control function
- Touch screen volume control and music forward/rewind
- Neck loop volume touch screen volume control
- Noise cancellation
- Multipoint connection up to two blue tooth device
- MFB (Multi function button)

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Component	Specification
Supported profiles	HSP, A2DP, AVRCP, HFP
Bluetooth version	4.0 or lower
Frequency band	2.4 G ISM, Channel 79
Modulation system	GFSK
RF Power	Class 2, -6~4DBM
Component	Specification
Magnet	3.6 Gauss
Operating range	30 ft (10 m)
Connection	Multi-point, two Bluetooth devices simultaneously

BLUETOOTH TERMS

Bluetooth: A wireless protocol defining the exchange of data between compatible devices over short distances up to 33 feet.

Connectable: A Bluetooth enabled device in range that will respond to another device and set up a connection.

Connected: A Bluetooth enabled device is within range and communicating over the Bluetooth wireless link. The LCD display will show the name of the device.

Discoverable: When a Bluetooth enabled device is “discoverable,” other Bluetooth devices can detect, pair, or connect to it. When the Quattro 4.0 is discoverable by your cell phone you will see “Quattro 4.0” in the list of Bluetooth devices in your cellphone’s Bluetooth menu.

Pairing: The process of creating a persistent link between two Bluetooth devices. This only occurs once; future connections between the devices are authenticated automatically.

Battery:

Lithium Ion Rechargeable
 Quattro 4.0 Main Unit: 380mAh
 BT4 Mic: 150mAh

Battery Life:

Quattro 4.0 Main Unit
 Standby: 3 days

Talk Time:

6 hours with 3.5 mm audio headset

4 hours with neckloop



BT4 Mic

Standby: 2 days

LIFETIMES

Multipoint: Multipoint is a new development in Bluetooth technology that allows your Bluetooth Headset to be connected to two Bluetooth devices at the same time. When a call comes in, the Bluetooth headset knows which device is ringing and will connect to the right one automatically.

EDR: EDR is an optional part of the Bluetooth specification that provides a faster data rate (speed) and in some cases improved battery life.

A2DP: The abbreviation for Advance Audio Distribution Profile. A2DP technology is a new music revolution allowing you to send CD quality stereo music from one device to another without wires. A2DP is stereo music sent over Bluetooth without the hassle of plugging cables.

Profile: A Bluetooth profile is a specification regarding an aspect of Bluetooth-based wireless communication between devices. In order to use Bluetooth technology, a device must be compatible with the subset of Bluetooth profiles necessary to use the desired services.