Datasheet

Cochlear™ Wireless TV Streamer

Product description

The Cochlear™ Wireless TV Streamer sends stereo sound from a TV or other audio device directly to the sound processors. The patient doesn't wear extra cables or wires. With the TV Streamer, your patient never has to choose between watching TV and taking part in a conversation. Patients will hear sound that is balanced between the TV and their surroundings. This enables them to watch TV, take part in conversations and keep track of what's going on around them.

The TV Streamer isn't just for TVs. Patients can use it to connect to their computers, stereos and other audio devices. The 2.4 GHz wireless technology opens the door to some unique opportunities such as connecting up to three streamers to different audio devices or connecting one streamer to many users. For example, a whole group of Cochlear sound processor users could enjoy TV together using the same TV Streamer. Each individual enjoys strong and clear transmission of sound directly to their sound processors.

Easy to connect

Works with virtually all analog and digital audio devices.

- To pair the TV Streamer simply press the pairing button on the TV Streamer and turn on the sound processors within 20 seconds.
- Pairing can also be done through the Cochlear Baha Fitting Software.
- Adjustable delay mode is available to counter echo and lip-sync issues in advanced audio setups when using surround sound systems or other linked devices.
- Once paired, the TV Streamer will stay paired with the sound processor.

Easy to use

- Ensure the TV Streamer is on.
- Switch the sound processor into streaming mode.
- Streams sound from up to 21 feet away, so patients can move around while watching TV.
- Reconnects automatically if the patient leaves the room and returns within 5 minutes.
- Install it and forget it – just click a button to watch TV.
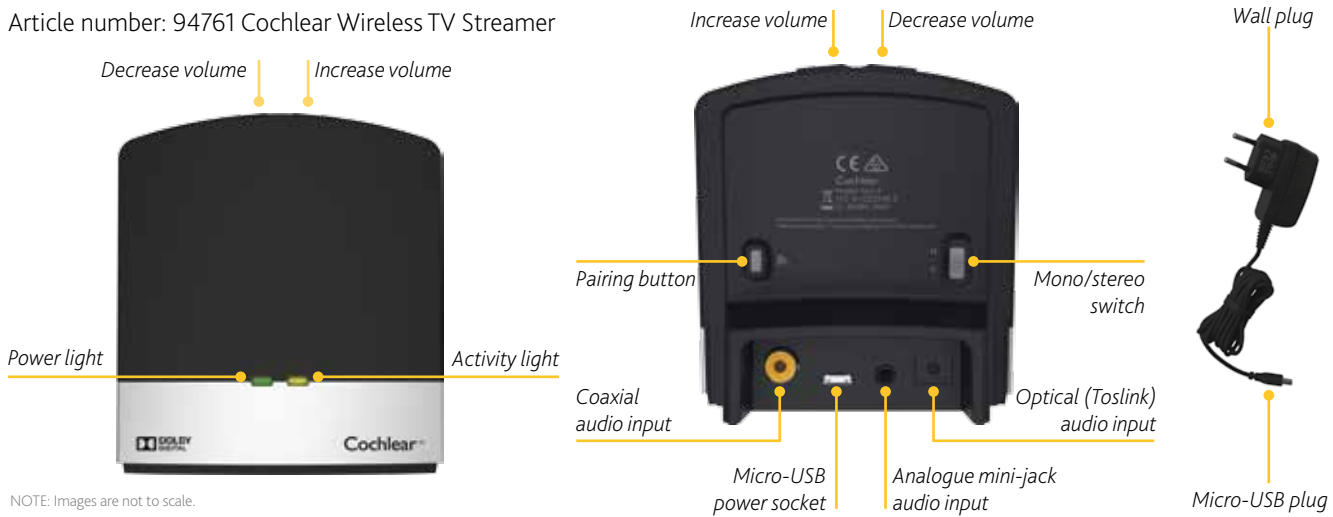
2.4 GHz wireless technology

- Communication between the TV Streamer and the sound processor uses 2.4 GHz wireless technology, a smart, robust and reliable standard that has a strong, clear and stable signal.
- With an unnoticeable 20 ms delay, issues related to synchronization between sound and image are avoided.

Hear now. And always

Cochlear®

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Description

Article number: 94761 Cochlear Wireless TV Streamer

Decrease volume   Increase volume

Power light   Activity light

NOTE: Images are not to scale.

Increase volume   Decrease volume

Pairing button   Mono/stereo switch

Coaxial audio input   Optical (Toslink) audio input

Micro-USB power socket   Analogue mini-jack audio input

Wall plug

Micro-USB plug

Technical information

Dimensions	91 x 83 x 47 mm
Weight	93 g
Power supply	External wall adaptor, 5 V DC
Power connection	Micro USB
Power consumption	Max. 150 mA
Audio interfaces	**Analog:** Stereo mini-jack --> L/R RCA/mini-jack/Scart **Digital:** Optical (Toslink), Coaxial
Supported digital audio formats	Stereo PCM - Sample rate: Up to 192 kHz - Sample resolution: Up to 32 bit	Dolby Digital* - Channels: Max 5.1 - Bitrate: 32 kbs to 640 kbs - Sample rate: 32, 44.1 and 48 kHz
Line input sensitivity	750 mV RMS
Wireless connections	Multiple sound processors per TV Streamer Up to 3 streamers per binaural set of sound processors
Streaming range	21 feet
Streaming latency	20 ms
Audio quality	Mono / Stereo 20 kHz sample frequency
Audio bandwidth	10 kHz
Wireless frequency	2.4 GHz
Emission	Max. 10 dBm. Complies with all relevant standards
ESD tolerance	±4 kV contact, ±8 kV air
Operating temperature	0 to 55 °C
Storage temperature	-20 to +60 °C

*Dolby Digital Plus (requiring an HDMI interface), Dolby TrueHD, Dolby Pro Logic, Dolby Digital EX, Dolby Digital Surround EX, and AAC (Advanced Audio Codec) are not supported.

Not everyone with hearing loss is a candidate for a Baha. All surgical procedures include an element of risk, and it is impossible to guarantee success. For complete information regarding the risks and benefits of a Baha procedure, please refer to the Instructions for use for the Baha implant available at **www.Cochlear.com/US/BahaIndications**

www.Cochlear.com/US

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