

Technical data sheet

TV Adapter 3.0

A fully integrated system

The TV Adapter connects directly to the user's hearing aids, allowing for hassle-free daily use.

Ease of use

The TV Adapter has been developed and thoroughly tested with hearing aid users in mind to ensure optimal ease of use.

Digital audio sources

The TV Adapter supports digital sound in two widely used formats: Digital Stereo (PCM) and Dolby® Digital. This increases the opportunities for users to benefit from streamed sound from home theatre systems and flat panel TVs.

MultiConnect

The TV Adapter can be connected to an unlimited number of hearing aids at the same time, allowing for several users to share the same experience.

Easy pairing

Once hearing aids are in pairing mode and within 30 cm of the TV Adapter, the TV Adapter will automatically pair and connect to them.

More information

Please visit www.oticon.global/connectivity for more information about the TV Adapter.



TV Adapter 3.0 enables Oticon hearing aid users to enjoy the stereo sound from a TV, home entertainment system, radio or other audio source at their preferred sound level streamed directly to their hearing aids. TV Adapter 3.0 supports a range of connections, including Digital Stereo and Dolby® Digital through optical TOSLINK.

The TV Adapter box consists of:

- Instructions for use
- Power supply
- TV Adapter - black
- TOSLINK optical cable 2.0 metres
- RCA to RCA stereo cable
- Mini jack 3.5mm to RCA converter



Technical data	
Model	TVA3
FCC ID IC	2ACAHTVA3 11936A-TVA3
Operating conditions	Temperature: +5°C to +40°C Humidity: 15% to 93%, non-condensing Atmospheric pressure: 700 hPa to 1060 hPa
Storage and transportation conditions	Temperature and humidity shall not exceed the below limits for extended periods during transportation and storage: Temperature: -25 °C to +70 °C Humidity: 15% to 93%, non-condensing Atmospheric pressure: 700 hPa to 1060 hPa
Dimensions	124 x 80 x 21 mm; weight 107 g.
System features	Autopairing: The TV Adapter will automatically pair with hearing aids in pairing mode. AutoStream: The TV Adapter will automatically start streaming audio when a valid audio signal is detected. MultiConnect: The TV Adapter can connect to an unlimited number of hearing aids.
Compatibility	The TV Adapter works with all versions of Oticon hearing aids with 2.4GHz radio technology
Input connectors/format	Mini jack 3.5 mm (L+R) (using included cable and converter) SCART (L+R) (SCART offered by Oticon as a separate accessory, RCA cable included) RCA (L+R) TOSLINK Digital Stereo (PCM)/Dolby® Digital
Output	TOSLINK (buffered output of TOSLINK input)
Range	Up to 15 metres (free line of sight from the TV Adapter to hearing aids)
Audio inputs (format)	Stereo analogue input (RCA) Stereo/PCM (TOSLINK) Dolby® Digital (TOSLINK)
Latency (the TV Adapter input to hearing aid speaker)	Analogue: 25 ms Digital: 28 ms Dolby® Digital: 45 ms
Line input sensitivity	6 dB Vrms (analogue), impedance: 10 KΩ
Audio bandwidth	10 KHz/stereo from input to hearing aids
Dynamic self-adjustment	AGC (analogue inputs) (line in approximation to 0 dB 5 secs)
Status indicators	Power and status LED on front
Colours	Black
Frequency	Licence free 2.4 GHz (ISM band)
Emissions	Max 17 dBm EIRP. In compliance with all relevant standards
Power consumption	Idle, not streaming sound: 0.8 W Streaming sound: 1.5 W