

# PHILIPS

## HearLink

## Specification guide TV Adapter

### 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.

### Dolby Digital® and Digital Stereo

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 theater 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.

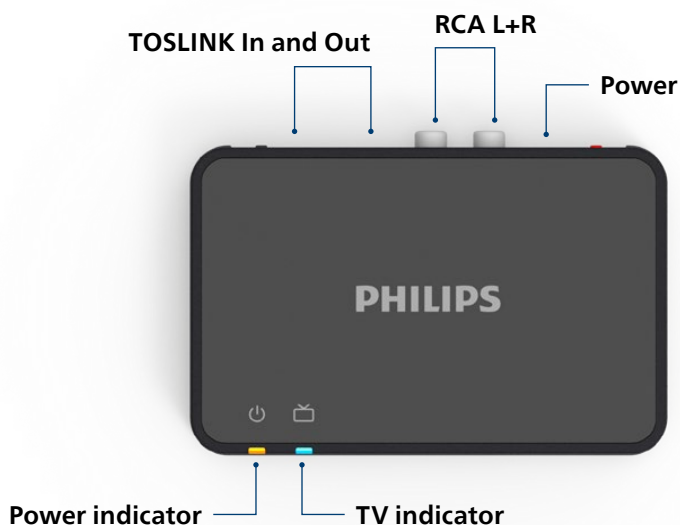
### More information

Please visit [hearingsolutions.philips.com/hearing-aids/accessories/](https://hearingsolutions.philips.com/hearing-aids/accessories/) for more information about the TV Adapter.



### TV Adapter

The TV Adapter enables Philips HearLink 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 supports a range of connections, including Digital Stereo and Dolby® Digital\* through optical TOSLINK.



### Included

- Instructions for use
- Power supply
- TV Adapter - black and gray
- TOSLINK optical cable 2 m (6.5 feet)
- RCA to RCA stereo cable
- Mini jack 3.5 mm to RCA converter

\* Dolby is a registered trademark of Dolby Laboratories.

# Technical data

## TV Adapter

Model name	TVA3
GTIN	05714464003655
<b>Conditions of use</b>	
Operating conditions	Temperature: +5 °C to +40 °C (41 °F to 104 °F) Humidity: 15 % to 93 %, relative humidity, 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 (-13 °F to 158 °F) Humidity: 15 % to 93 %, relative humidity, non-condensing Atmospheric pressure: 700 hPa to 1060 hPa
Dimensions	124 x 80 x 21 mm (4.9 x 3.1 x 0.8 inch); weight 107 g
System features	Autopairing: TV Adapter will automatically pair with hearing aids in pairing mode AutoStream: TV Adapter will automatically start streaming audio when a valid audio signal is detected MultiConnect: TV Adapter can connect to an unlimited number of hearing aids
Compatibility	The TV Adapter works with all versions of Philips HearLink hearing aids with 2.4 GHz radio technology
Input connectors/format	Mini jack 3.5 mm (L+R) (using included cable and converter) RCA (L+R) TOSLINK Digital Stereo (PCM)/Dolby® Digital
Output	TOSLINK (buffered output of TOSLINK input)
Range	Up to 15 meters (free line of sight from TV Adapter to hearing aids)
Audio inputs (format)	Stereo analog input (RCA) Stereo/PCM (TOSLINK) Dolby® Digital (TOSLINK)
Latency (TV Adapter input to hearing aid speaker)	Analog: 25 ms Digital: 28 ms Dolby® Digital: 45 ms
Line input sensitivity	6 dB Vrms (analog), impedance: 10 KΩ
Audio bandwidth	10 kHz / stereo from input to hearing aids
Dynamic self-adjustment	AGC (analog inputs) (line in approximation to 0 dB 5 secs)
Status indicators	Power and status LED on front
Colors	Black and gray
Power consumption	Idle, not streaming sound: 0.8 W Streaming sound: 1.5 W

## Transceiver

Operating frequency	2.402 GHz – 2.480 GHz (ISM Band)
Number of channels	39
Output power	Max. 17.1 dBm EIRP. In compliance with all relevant standards.
Channel bandwidth	1 MHz/2 MHz
Type of modulation	GFSK/2GFSK
ITU designator	F7E



**SBO Hearing A/S**  
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DK-2765 Smørum  
Denmark



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