



SENNHEISER



TV Clear Set

TV will never be the same.



Advanced speech clarity



Distraction-free TV



Ambient awareness



Mobile phone calling



SPEC SHEET

TV Clear Set

The new TV Clear Set from Sennheiser lets you enjoy television with superior speech clarity and all the comfort and inconspicuous style of True Wireless earbuds.

ADVANCED TV LISTENING

- **Crystal-clear dialogs:** thanks to 5 speech clarity levels
- **Distraction-free TV:** set the volume of the earbuds to suit your hearing preference and enjoy undisturbed viewing without disturbing others
- **Ambient Awareness mode:** hear your surroundings when you choose
- **Long-lasting wearing comfort:** thanks to a light-weight earbud design that does not interfere with your glasses or press on your temples
- **Cable-free design:** reduces body-borne noise and gives freedom to move
- **Battery life:** listen for up to 15 hours playback time on a single charge

MULTIPLE DEVICE CONNECTIVITY

- **Connect to any TV:** with optical or analog output thanks to the transmitter
- **Bluetooth:** seamlessly connect the earbuds with your tablet or mobile phone
- **Stay in sync with the video content:** the supplied transmitter uses streaming technology to send audio with low latency
- **Phone calls:** receive and make hands-free calls from your mobile phone

EASE OF USE

- **TV Clear App:** for easy setup and to customize settings
- **Locate your earbuds:** easily with the "find my earbuds" feature
- **Intuitive touch controls:** that can be personalized just the way you prefer



Technical Data

Model name	Sennheiser TVCE1 Earbuds & TV Connector Set
EAN	7613389547801
UPC	Not available
Article No.	119-3011-0610

General Data

Wearing style	True wireless stereo earphones
Ear coupling	Ear canal with retention
Connectivity	Bluetooth 4.2 compliant, class 1, 10 mW (max)
Transmission freq/modulation	2,4000 MHz to 2,4835 MHz
Supported profiles (codecs)	A2DP (SBC), HFP (CVSD, mSBC), AVRCP, DID
Speaker principle & type/size	Dynamic; 6mm diameter
Speaker frequency range	20 Hz to 20 kHz
Speaker sensitivity	100.5 dBSPL (1 kHz / 1 mW)
Speaker THD	< 0,5% (1kHz / 94dB)
Speaker impedance	Not applicable (active BT headphones)
Active Noise Cancellation	No. Passive damping with Ambient Awareness mode
Mic principle	Digital MEMS
Mic frequency range	100 Hz to 10 kHz
Mic pick-up pattern	1 mic for Ambient Awareness mode; 2 mic beamforming in Master during call
Battery lifespan	Up to 15 hrs streaming with TV Connector transmitter; Up to 12 hrs streaming with A2DP; 1.5 additional charges through charging case
Charging time	Approx. 2 hrs for full charge; Approx. 3 hrs for wireless Qi-Charging
Battery type	Built-in Lithium-Ion rechargeable batteries; left/right earbud: 69 mAh, charging case: 490mAh
Power supply	5 V ⁼⁼ , 600 mA max, USB charging via USB-C socket at charging case; Qi Wireless charging
Magnetic strength field	Earbuds: 137 mT, charging case: 32 mT



SPEC SHEET

TV Clear Set

Product Specification

Product weight	63.7 g (both earbuds and charging case) 5.7 g (6.9 g with ear coupling) 49.9 g (charging case)
Product dimension	23.0 x 18.0 x 26.0 mm (earbuds) 87.8 x 47.5 x 29.2 mm (charging case)
Operating condition	Temp: 5 to +40°C Rel. humidity <85%, non condensing
Storage & transport condition	Temp: -20 to +40°C Rel. humidity < 90% (non condensing)
App support	TV Clear app for iOS™ and Android™
Country of origin	Malaysia and Vietnam

Packaging

Content of delivery	Pair of earbuds Ear adapter sets (size 1/2/3) Charging case & USB-C cable Transmitter "TV Connector" & micro-USB cable 3.5mm and optical audio cable Quick guide & safety guide
Packaging type	Hard box
Language on packaging	English, German, French, Spanish,
Dimensions product packaging (L x B x H)	170 x 125 x 63 mm (6.7 x 4.9 x 2.4 in)
Weight of headset and packaging (incl. accessories)	380 g (13.4 oz)
Dimensions of outer master carton (L x B x H)	325 x 220 x 205 mm (12.7 x 8.6 x 8 in)
Number of products per outer master carton	7
Total weight of outer master carton & products	2860 g (6.3 lbs)

WEEE packaging information

Material of single package (incl. weight)	Paper / Cardboard: 186 g (6.6 oz) Plastic: 0 g
Material of outer master carton (incl. weight)	Paper / Cardboard: 200 g (7 oz) Plastic: 0 g

WEEE weight

Bundle product	186 grams incl. pair of earbuds, charging case, TV Connector, USB-C, cable, micro-USB cable, 3.5mm audio cable, optical audio cable, ear adapters
Stand alone product	94 grams incl. pair of earbuds, charging case, USB-C, ear adapters

Battery Information	Charging Case	Right Earbud	Left Earbud	Unit
Lithium-Ion cells	1 (single)	1 (single)	1 (single)	
Qty (# of batteries for this type) inside product	1	1	1	
Qty (# of batteries for this type) outside product	0	0	0	
HAZMAT UN#	GP14290-54HD	GP1258-07HDS	GP1258-07HDS	
Vendor	GP Batteries	GP Batteries	GP Batteries	
Capacity	490	69	69	mAh
Size/Format	Diameter: 14.1 / Length: 28.5	Diameter: 12.5 / Height: 5.85	Diameter: 12.5 / Height: 5.85	mm
Voltage	3.8	3.8	3.8	V
Weight	12	2.3	2.3	g
Energy	1.862	0.262	0.262	Wh
Lithium content (primary)	2.63	2.0	2.0	%
Lithium content (primary)	0.2972	0.0459	0.0459	g



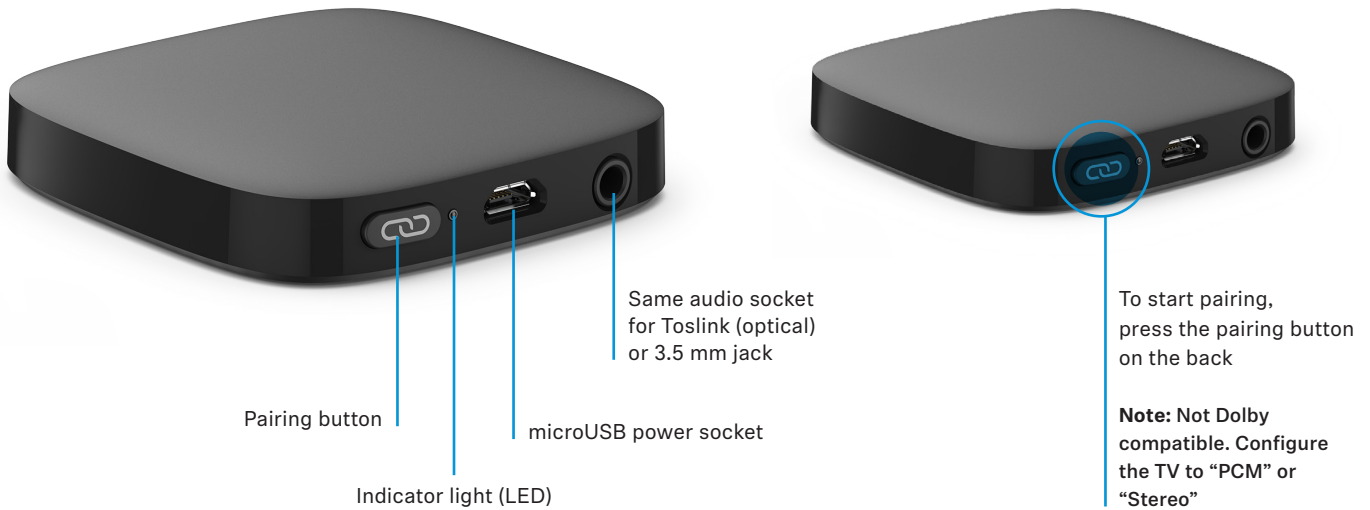
Transmitter TV Connector

The transmitter “TV Connector” is a dedicated TV and audio interface TV Clear earbuds that offers a great listening experience. The low latency transmission from the TV provides excellent stereo sound quality.

It transmits whenever there is audio input available and will stop automatically if there is no audio for more than 2 minutes.

Included accessories:

- microUSB cable
- Optical Toslink audio cable
- 3.5mm jack audio cable



General Data

Special features	Connect multiple TV Clear devices or other wireless Phonak / Unitron products Up to 15 meters (50 ft) transmission range
Indicator light	Green indicator light indicates power on
Audio quality	Stereo, 120 Hz – 7.3 kHz
Streaming technology	AirStream™ technology
Frequency range	2.4 GHz ISM band
RF power	100mW max.
Transmission range	Up to 15 m (50 ft)
Max. paired devices	Unlimited
Standards	Europe EN 300 328; EN 301 489; IEC/EN 60601-1-2; EN 60950-1; IEC/EN 62479 Canada RSS-247; RSS-102 Japan ARIB-T66 USA CFR 47, part 15.247; FCC OET Bulletin No.65
Power supply	microUSB socket, 5VDC stabilized, min 500mA
Product weight	30 g
Product dimension	63 x 63 x 12 mm (2.5" x 2.5" x 0.46")
Operating condition	0°C to 40°C (+32°F to +104°F). Relative humidity of <90% (noncondensing)
Storage & transport condition	-20°C to 60°C (-4°F to +140°F). Relative humidity of <90% for a long period of time
Country of origin	Vietnam