



SENNHEISER

## TVS 200 Set

TV will never be the same.



Advanced  
speech clarity



Ambient  
awareness



Distraction-  
free TV



Long-lasting  
comfort



## SPEC SHEET

# TVS 200 Set

The TVS 200 from Sennheiser lets you enjoy television with superior speech clarity and all the comfort and inconspicuous style of True Wireless earbuds. The transmitter is based on a proprietary wireless technology for guaranteed low latency and low power transmission.

The TVS 200 is sold exclusively through hearing care channels.

## 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

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

## Technical Data

Name / Model	TVS 200 Set / TVC2	TVS 200 Earbuds / TVC2-EB	TV Transmitter / TVC2-TX
EAN	7613389621297	7613389621303	7613389630145
UPC	810091271759	810091271766	810091272398
Article No.	119-3017-P610	119-3018-P610	120-3001-0610

## General Data – Earbuds and Charging Case

Wearing style	True wireless stereo earphones
Ear coupling	Ear canal with retention
Connectivity	Bluetooth 4.2 compliant, class 1, 10 mW max.
Operation frequency band	2402 – 2480 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 Primary earbud during call
Battery time	Up to 15 hrs streaming with TV Transmitter; Up to 12 hrs streaming with A2DP; 1.5 additional charges through charging case: 5 min charge = 1hr additional streaming when empty
Charging time	Approx. 2 hrs for full charge; Approx. 3 hrs for wireless Qi-Charging
Battery type	Built-in Lithium-Ion rechargeable batteries
Power supply	5 V <sup>~</sup> , 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



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## General Data – TV Transmitter

Special features	Dolby 5.1 compatible. Streams to multiple TVS 200 earbuds at the same time.
Indicator light	Yes, indicates operation mode
Audio quality	Stereo, 120 Hz – 14.7 kHz
Streaming technology	Proprietary technology
Frequency range	2.4 GHz ISM band
RF power	100 mW max.
Transmission range	Up to 15 m (50 ft)
Max. paired devices	Unlimited
Standards	Please refer to the compliance sheet online
Power supply	USB-C socket, use USB certified supply, 5VDC stabilized, min 500mA

## Product Specification

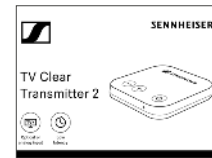
Product weight	63.7 g (both earbuds and charging case) 5.7 g (6.9 g with ear adapter) 30 g (transmitter) 49.9 g (charging case)
Product dimension	23.0 x 18.0 x 26.0 mm (earbuds) 87.8 x 47.5 x 29.2 mm (charging case) 62.4 x 62.4 x 11.7 (transmitter)
Operating condition	+5 to +40°C (earbuds & charging case) 0°C to 40°C (transmitter) Relative humidity <85%, non condensing
Storage & transport condition	-20 to +40°C (earbuds & charging case) -20°C to +60°C (transmitter) Relative humidity < 90% non condensing for a long period of time
App support	TV Clear app for iOS™ and Android™
Country of origin	Malaysia, China and Vietnam

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



## SPEC SHEET

## TVS 200 Set



## Packaging

	TVS 200 Set	TVS 200 Earbuds	TV Transmitter
Content of delivery	Pair of earbuds Ear adapter sets (size 1/2/3) Charging case & USB-C cable Transmitter & USB-C cable 3.5mm and optical audio cable Quick guide Compliance information	Pair of earbuds Ear adapter sets (size 1/2/3) Charging case & USB-C cable Quick guide Compliance information	Transmitter & USB-C cable 3.5mm and optical audio cable Quick guide Compliance information
Packaging type	Hard box	Hard box	Hard box
Language on packaging	English, German, French, Spanish	English, German, French, Spanish	English, German, French
Dimensions product packaging (L x B x H)	64 x 126 x 171 mm (2.5 x 4.9 x 6.7 in)	35 x 126 x 171 mm (1.3 x 4.9 x 6.7 in)	125 x 58 x 86 mm (4.9 x 2.2 x 3.3 in)
Weight of headset and packaging (incl. accessories)	344 g (12. oz)	206 g (7.2 oz)	182 g (6.4 oz)
Dimensions of outer master carton (L x B x H)	265 x 378 x 172 mm (10.4 x 14.8 x 6.7 in)	265 x 378 x 172 mm (10.4 x 14.8 x 6.7 in)	265 x 378 x 172 mm (10.4 x 14.8 x 6.7 in)
Number of products per outer master carton	12	21	24
Total weight of outer master carton & products	4416 g (9.7 lbs)	4614 g (10.1 lbs)	4656 g (10.2 lbs)
WEEE packaging information			
Material of single package (incl. weight)	Paper / Cardboard: 138 g (4.8 oz) Plastic: 2.65 g (0.09 oz)	Paper / Cardboard: 84 g (2.9 oz) Plastic: 1.83 g (0.06 oz)	Paper / Cardboard: 74 g (2.6 oz) Plastic: 0.04 g (0.001 oz)
Material of outer master carton (incl. weight)	Paper / Cardboard: 288 g (10.1 oz) Plastic: 0 g	Paper / Cardboard: 288 g (10.1 oz) Plastic: 0 g	Paper / Cardboard: 288 g (10.1 oz) Plastic: 0 g
WEEE weight			
Bundle product	178 grams incl. pair of earbuds, charging case, transmitter, 2 x USB-C, 3.5mm analog & 3.5mm optical cable, ear adapters	93 grams incl. pair of earbuds, charging case, USB-C cable, ear adapters	85 grams incl. transmitter, USB-C, 3.5mm analog & 3.5mm optical cable



## SPEC SHEET

# TV Transmitter

The TV Transmitter is a dedicated TV and audio interface for compatible headphones that offer 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 3 minutes.



### Compatibility

The TV Transmitter is using a proprietary transmission technology optimized for low latency and power consumptions. Therefore it is not compatible to standard Bluetooth headsets.

Find a list of compatible Sennheiser headsets here, or scan the QR code.

[www.sennheiser-hearing.com/tvcleartransmitter2](http://www.sennheiser-hearing.com/tvcleartransmitter2)

