



SENNHEISER

AMBEO Soundbar | Mini

The world's most immersive sound
from one compact device.





Once you hear it, you'll never go back.

Introducing the new Sennheiser's AMBEO Soundbar Mini, the world's most immersive sound possible from just one compact device for movie and music enthusiasts. Developed with the Fraunhofer IIS Institute, AMBEO virtualization technology provides a 3D listening experience via generated virtual speakers. Designed with Sennheiser's unique audiophile expertise, AMBEO Mini delivers room-filling sound and crisp music, too.

Easy setup and self-calibration adapt to room acoustics, while the feature-rich and intuitive app helps control settings, EQ, voice enhancement, and more. AMBEO|OS supports major streaming services, Wi-Fi, Bluetooth, and powerful features.

Elevate your audio with the elegantly designed, compact but powerful Sennheiser AMBEO Soundbar Mini.

TOP 3 CUSTOMER BENEFITS

- Ultimate Immersive Sound in an extremely compact device
- Powerful adaptive audio features
- Multiple connectivity options and intuitive usability

MAIN FEATURES

Ultimate Immersive Sound in an extremely compact device

AMBEO Virtualization	State-of-the-art AMBEO virtualization, co-developed with the Fraunhofer IIS Institute, compatible with Dolby ATMOS, DTS:X, MPEG-H, and 360 Reality Audio for 3D sound reproduction, delivers the world's most immersive sound from one compact device.
Sennheiser Audiophile DNA	Powerful, distortion-free movie and music sound, incredibly sharp fidelity and crystal-clear mids reproduced by high-end full range drivers enhanced by built-in 4" dual-subwoofers that reach a 43Hz depth.
Compact & Stylish	Extremely compact and sleek soundbar that blends in anywhere and fits between TV stands. Amazing build quality and non-intrusive minimalistic, but strongly appealing design.

Powerful adaptive audio features

Automated Self-calibration	The smart self-calibration algorithm learns the reflective characteristics and the acoustics of your room to decide on the best sound allocation and positioning of its 7.1.4 phantom speakers.
Adaptive & Customizable	The Adaptive mode scans content and adjusts settings for the best listening experience but leaves customers the freedom to fine-tune to personal preferences with the EQ and three different AMBEO virtualization levels.
Stereo & 5.1 Upmixing	AMBEO virtualization can upmix and render any stereo and 5.1 content to make it more immersive and create a room-filling sound stage.
Comfort Enhancers	Voice Enhancement and Center Volume - proprietary algorithmic models developed in-house improve speech clarity, while neighbor-friendly Night Mode helps with discreet listening at night.

Multiple connectivity options and intuitive usability

Future-proof Connectivity	Advanced AMBEO OS connectivity allows for an easy and fast multiple device operation via Bluetooth, Wi-fi, built-in Alexa and Google Chromecast, Apple AirPlay 2; direct cloud access to audio content via Spotify Connect, Tidal Connect and multiple licensed streaming services like TuneIn, Deezer, iHeartRadio accessible via virtual assistants.
Intuitive UX & Assistants	The intuitive control via the Sennheiser Smart Control App or directly via a browser on your Wi-fi network is backed by three smart-home voice control options via Alexa built-in, works with Google Home, and Apple HomeKit, while the multiroom audio via Google Chromecast or Apple AirPlay 2 lets you enjoy content everywhere.
Wireless Sub Connectivity	Seamless wireless subwoofer connectivity for even more powerful and immersive bass (up to 4 subwoofers with AMBEO Sub).

Technical Data

Country / Region Specific Articles	Short name	Article no.	EAN	UPC
	SB02S <i>Black</i> – EU	700136	4260752330145	810091270141
	SB02S <i>Black</i> – US	700137	4260752330152	810091270158
	SB02S <i>Black</i> – UK	700138	4260752330169	810091270165
	SB02S <i>Black</i> – AUS/NZ	700139	4260752330176	810091270172
	SB02S <i>Black</i> – JP	700140	4260752330183	810091270189
	SB02S <i>Black</i> – CN	509480	4260752330084	810091270004
	SB02S <i>Black</i> – IN	700142	4260752330206	810091270202
	SB02S <i>Black</i> – TW	700141	4260752330190	810091270196

Accessories

	Short name	Article no.	EAN	UPC
AMBEO Soundbar Plus – Wall Mount	SB02-WM	509482	4260752330107	810091270103
AMBEO Soundbar Plus – Remote Control	SB02-RC	700098	4260752330121	810091270127

AMBEO Soundbar | Mini



Product Specifications

Audio	
Woofers	2x 4" Cellulose Cone Driver
Tweeters	—
Fullrange	4x 1.6" (40mm) Cellulose Cone Fullrange Driver
Frequency response	43Hz – 20 KHz (-3dB)
Amplifier	6x class D amplifiers
Total amplification power	250W (RMS)
Total number of speakers	6
Audio processing	Quad Core 1.8GhZ SOC
Connectivity	
	Chromecast built-in, uPnP, AirPlay 2, Spotify connect, Tidal connect
Input	
HDMI TV (eARC) OUT	1x HDMI eARC (HDMI 2.1)
HDMI IN	—
OPT IN	—
AUX IN	—
USB	1x USB socket (type A), for power supply for accessories (external devices): 5 V $\overline{\text{DC}}$, 1 A;

AMBEO Soundbar | Mini

Product Specifications

Controls

Alexa built-In	Yes
Works with OK Google	Yes
On device controls	Yes
Remote	Yes
Smart Control App	Yes
Web interface	Yes

Network

Transmission system	2 x 2 MIMO
Transmission frequency (country-specific)	2,400 MHz to 2,483.5 MHz 5,170 MHz to 5,835 MHz
Modulation 2.4 GHz band	CCK, DQPSK, DBPSK für DSSS, 64QAM, 16QAM, QPSK, BPSK for OFDM
Modulation 5 GHz band	1024-QAM, 256-QAM, 64QAM, 16QAM, QPSK, BPSK
Output power	100 mW (max)

WiFi

WiFi standard	IEEE 802.11 a/b/g/n/ac/ax
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Bluetooth

Bluetooth version	5.0 Classic/BLE
Wireless transmission to Sub	5.2 Bluetooth Low Energy
Transmission frequency	2,400 MHz to 2,483.5 MHz
Modulation	GFSK, $\pi/4$ DQPSK, 8DPSK
Profiles	A2DP, AVRCP, GATT
Output power	BT SOC: 10mW (max) BT Sub: 10mW (max)
Codec	BT SOC: AAC, SBCBT Sub: LC3

Etherenet	No
Subwoofer SW Pre-OUT	No
Microphone input for room calibration	4x built-in far field high-precision microphones

Product dimensions and weight

Size (mm)	700 (L) X 100(D) X 65(H)
Weight (g)	3300

Supported audio formats / surround formats

LPCM 2 Channel	Yes
LPCM 5.1 Channel	Yes
LPCM 7.1 Channel	Yes
Dolby Atmos (Dolby TrueHD, Dolby Digital Plus, Music)	Yes
MPEG-H	Yes
DTS:X	Yes
Sony 360 Reality Audio	Yes
DTS-ES Discrete 6.1	Yes
DTS 96/24	Yes
DTS-HD (High Resolution Audio, Master Audio, LBR)	Yes
LPCM (2, 5.1, 7.1 channel)	Yes

Power

Voltage range	100–240V ~50/60Hz
Max ampere	Max. 2.5A
Standby	Max. 1.9W
Smart standby	—

Additional information

Temperature range	Operation: 0 °C to +40 °C Storage: -20 °C to +70 °C
Relative humidity	Operation: 10 to 90 %

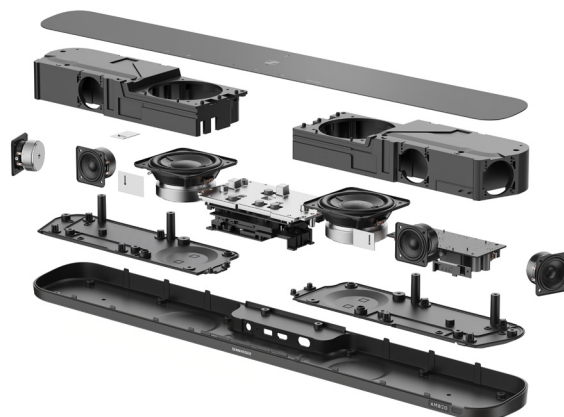
Packaging Specification

Single packaging

Size (mm)	790 (L) X 208 (D) X 135 (H)
Gross weight (g)	6000
WEEE weight (g)	3500
Material of single package (weight)	622
Paper/Cardboard (g)	611
Plastic (g)	11
Others (g)	0

Outer master carton

Size (mm)	808 (L) X 225 (D) X 150 (H)
Weight pure package (g)	780
SKUs	1
Material of master carton (weight)	780
Paper/Cardboard (g)	780
Others (g)	0



What's in the box

- AMBEO Soundbar Mini
- Remote control including lithium battery
- Premium high-speed HDMI® cable
- Instruction manual
- Power cord (country specific)