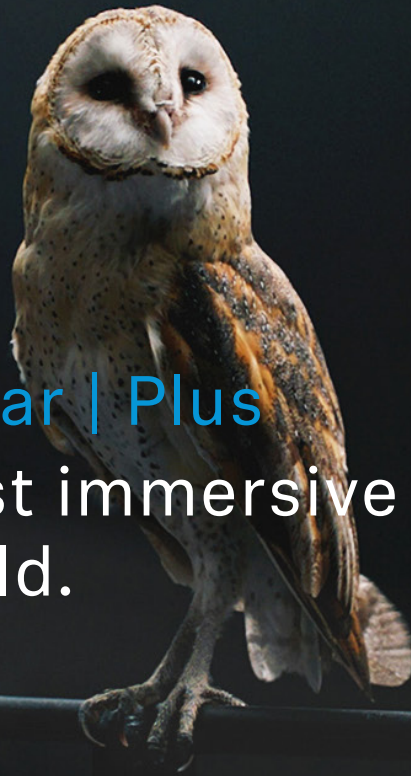


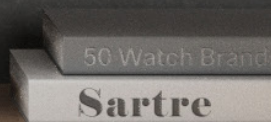


SENNHEISER



AMBEO Soundbar | Plus

The world's most immersive sound.
Tested in the wild.





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

Welcome to a spine-tingling immersive experience, designed to give you goosebumps.

The new AMBEO Soundbar | Plus is developed in collaboration with the Fraunhofer IIS Institute. With its unique and intuitive calibration, you get the spaciousness of a movie theater in your home.

Designed to look good and easy to use, our AMBEO soundbars are compatible with all major hardware, codecs, wireless protocols, and voice assistants. Enjoy immersive 3D sound with Dolby ATMOS, DTS:X, 360 Reality Audio and MPEG-H audio.

Did we mention that it's great for listening to music? The AMBEO Soundbar | Plus is everything you want from a high-fidelity audio device.

SPEC SHEET

AMBEO Soundbar | Plus



THE ULTIMATE IMMERSIVE SOUND EXPERIENCE

- State-of-the-art AMBEO virtualization, co-developed with the Fraunhofer IIS Institute, recreates a full 7.1.4 home theater system
- Immersive surround sound with built-in 4" dual-subwoofers for thundering bass
- Automated self-calibration to learn the acoustics of your room
- AMBEO virtualization can upmix any stereo content to create a room-filling sound stage
- Designed to perform with Sennheiser audio DNA. Seven High-end aluminum cone full-range drivers drive incredibly sharp fidelity and clear mids.
- Compatibility with Dolby ATMOS, DTS:X, MPEG-H, and 360 Reality Audio

POWERED BY AMBEO|OS

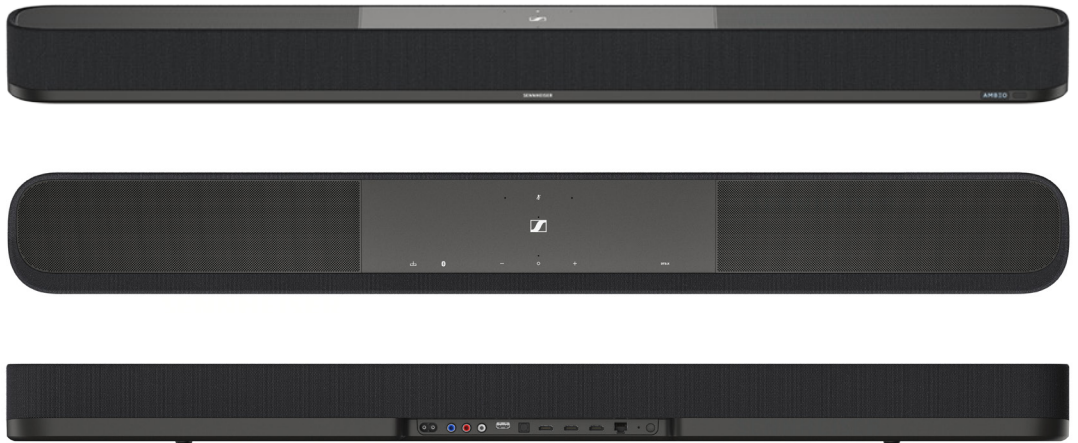
- Advanced AMBEO|OS connectivity: Bluetooth, Apple AirPlay 2, Spotify Connect, Tidal Connect with Dolby ATMOS Music support, built-in Google Chromecast
- Easily adjust and customize presets with the EQ and select from three different AMBEO virtualization levels (Light, Standard, Boost)
- Voice enhancement for better speech clarity and Night Mode for discreet listening at night
- Alexa built-in, works with Google Home and Apple HomeKit

Technical Data

	Short name	Article no.	EAN	UPC
Main Article	SB02M <i>Black</i>	509238	4260752330039	810091270035
Country Specific Articles	SB02M <i>Black</i> – EU	700143	4260752330213	810091270219
	SB02M <i>Black</i> – US	700144	4260752330220	810091270226
	SB02M <i>Black</i> – UK	700145	4260752330237	810091270233
	SB02M <i>Black</i> – AUS/NZ	700146	4260752330244	810091270240
	SB02M <i>Black</i> – JP	700147	4260752330251	810091270257
	SB02M <i>Black</i> – TW	700148	4260752330268	810091270264
	SB02M <i>Black</i> – IN	700149	4260752330275	810091270271

Accessories

	Short name	Article no.	EAN	UPC
AMBEO Soundbar Plus – Wall Mount	SB02-WM	509482	426075233010	81009127010
AMBEO Soundbar Plus – Remote Control	SB02-RC	700098	426075233012	81009127012



SPEC SHEET

AMBEO Soundbar | Plus

Product Specifications

Audio

Woofers	2x 4" Cellulose Cone Driver
Tweeters	—
Fullrange	7x 2" Aluminum Cone Fullrange Driver
Frequency response	38Hz – 20 KHz
Amplifier	9x class D amplifiers
Total amplification power	400W (RMS)
Total number of speakers	9
Audio processing	Quad Core 1,8GhZ SOC

Connectivity

	Chromecast built-in, uPnP, AirPlay 2, Spotify connect, Tidal connect
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Input

HDMI TV (eARC) OUT	1x HDMI eARC (HDMI 2.1)
HDMI IN	2x HDMI 2.0a
OPT IN	1x S/PDIF, sampling rates: up to 192 kHz
AUX IN	1x Stereo RCA sockets
USB	1x USB socket (type A), for power supply for accessories (external devices): 5 V $\overline{\text{DC}}$, 1 A;
ETHERNET	1x RJ-45 Ethernet socket
Subwoofer SW Pre-OUT	1x Mono RCA, max. 2 V
Microphone input for room calibration	4x built-in far field high-precision microphones

Power

Voltage range	100–240V ~50/60Hz
Max ampere	Max. 2A
Standby	Max. 1,9W
Smart standby	Deep standby: <0.5W

Controls

Alexa built-In	Yes
Works with OK Google	Yes
On device controls	Touch interface
Remote	Yes
Smart Control App	Yes
Web interface	http://ambeo

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	024-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

Additional Information

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

Packaging Specification

Packaging

Packaging type	Paper box (pizza box)
Dimensions product packaging (L x W x H)	1144 x 219 x 135 mm
Weight of the soundbar with packaging	10000 g
Dimensions of outer master carton (L x W x H)	1160 x 235 x 155 mm
Number of products per outer master carton	1
Total weight of outer master carton & products	10886 g

Product dimensions and weight

Dimensions w/ feet	Approx. 105,1 x 7,7 x 12,1 cm
Dimensions w/o feet	Approx. 105,1 x 7,5 x 12,1 cm
Weight	Approx. 6,3 kg

Color	Anthracite
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WEEE packaging information

Material of single package (incl. weight)	Paper: 861 g Plastic: 11 g
Material of outer master carton (incl. weight)	Paper: 886 g
WEEE weight (net weight)	6300 g



What's in the box

- AMBEO Soundbar Plus
- Remote control including lithium battery
- Premium high-speed HDMI® cable
- Power cord
- Instruction manual
- Quick guide
- Safety guide and compliance sheet