

The wireless and most
RELAXED WAY
of capturing
VIDEO SOUND.



RELAX
— it's an —
AVX

RELAX. IT'S AN AVX

Overview

The Sennheiser AVX is the brand-new wireless microphone system for videographers. It guarantees stress-free capturing of sound for your film projects. From professional wedding videos to documentaries – among the various AVX sets you'll find one for your individual usage. Rely on perfect sound quality, just relax and leave the rest to the dependable Sennheiser technology.

Optimised dynamic range

Capture every sound – no matter whether it's very quiet or extremely loud. The AVX matches perfectly to your camera's input sensitivity. Without having to adjust the audio level on the microphone.

Plug and record

The AVX plugs directly into your XLR audio input with phantom power. It switches on automatically when you turn on your camera. So you are instantly ready to record. When you turn off the camera, the AVX switches off as well – and you save battery power.

Link protection

Perfect audio transmission between the microphone and your camera is guaranteed: Before any interference become audible, the AVX selects the best operating frequency and switches to a clean channel.

Range on demand

AVX is equipped with adaptive transmitting power, meaning that the system always uses the power that is required to maintain a reliable connection between the microphone and the camera receiver. This not only ensures a stable link, it also reduces battery power consumption – as does the automatic on/off function.

Clever energy management

The AVX receiver and transmitter are powered by special lithium-ion batteries, which can be recharged via a USB port. To avoid nasty surprises when filming for a long time, the transmitters display the amount of battery life remaining.

Licence free – worldwide

AVX operates in the licence-free 1.9 GHz frequency range, which can be used in many countries worldwide without registration.

Set-Variants (EU)

AVX-835 SET | Handheld Set



- Ultra compact receiver
- Handheld transmitter with MMD 835-1 microphone head
- Robust metal housing
- Including rechargeable battery packs for receiver and transmitter, USB charging unit and cable, XLR to mini-jack cable, hot shoe mount

AVX-ME 2 SET | Lavalier Set



- Ultra compact receiver
- Bodypack transmitter
- ME 2 omnidirectional clip-on microphone
- Robust metal housing
- Including rechargeable battery packs for receiver and transmitter, USB charging unit and cable, XLR to mini-jack cable, hot shoe mount

AVX-MKE 2 SET | Lavalier Set PRO



- Ultra compact receiver
- Bodypack transmitter
- MKE 2 omnidirectional clip-on microphone
- Robust metal housing
- Including rechargeable battery packs for receiver and transmitter, USB charging unit and cable, XLR to mini-jack cable, hot shoe mount

Individual components (EU)

EKP AVX | Plug-on receiver



- Ultra compact receiver
- Plugs directly into XLR audio input
- Robust metal housing
- Including rechargeable battery pack, USB charging unit and cable, XLR to mini-jack cable, hot shoe mount

SK AVX | Bodypack transmitter



- Bodypack transmitter
- Robust metal housing
- Including rechargeable battery pack

SKM AVX-835 | Handheld transmitter



- Handheld transmitter with MMD 835-1 microphone head
- Robust metal housing
- Including rechargeable battery pack

SKM AVX-835S | Handheld transmitter, mute switch



- Handheld transmitter with MMD 835-1 microphone head and mute switch
- Robust metal housing
- Including rechargeable battery pack

Rechargeable battery packs

BA-10

BA-20

BA-30

- Li-ion battery for SKM AVX-835 and SKM AVX-835S
- Can be charged using CHG-2 or USB


- Li-ion battery for EKP AVX
- Can be charged using USB

- Li-ion battery for SK AVX
- Can be charged using CHG-2 or USB

Technical data (EU)

System	
Audio frequency range	20 to 20,000 Hz
Dynamic range	> 120 dB (A)
THD (1 kHz)	typ. < 0.1 %
Audio resolution	24 bit/48 kHz
Signal-to-noise ratio	> 90 dB (A)
HF frequency range	1880 – 1900 MHz
Modulation type	GFSK with RF remote channel
Transmission system	TDMA, fast-switching antenna diversity
Latency	19 ms
Temperature range	In use: -10°C to +55°C Storage: -20°C to +70°C

EKP AVX camera receiver	
HF sensitivity	< -90 dBm
RF transmission power (back channel)	typ. 15 dBm e.i.r.p.
Audio output	XLR-3M, balanced
Audio output level gain	-30 dBu / 0 dBu in 4 steps
Power supply	BA 20 (li-ion, 3.7 V), alternative: USB
Operating time	> 4 hrs
Weight	87 g with rechargeable battery pack

SK AVX bodypack transmitter	
Transmission power	100 mW (250 mW peak)
Audio frequency range	mic: 50 to 20,000 Hz, line: 20 to 20,000 Hz
Max. input level	mic: 2.2 Vrms, line: 3.3 Vrms
Input impedance	1 MΩ
Input sensibility	automatic sensibility adjustment
Power supply	BA 30 (li-ion, 3.7 V) or 2 x AA batteries (1.5 V) via battery holder (not included)
Operating time	typ. 15 hrs with BA 30, typ. 11 hrs with alkaline primary cells
NF connector	3.5 mm locking jack plug 
Weight	approx. 130 g with rechargeable battery pack

Technical data (EU)

SKM AVX-835 handheld transmitter	
Transmission power	100 mW (250 mW peak)
Audio frequency range	50 to 20,000 Hz
Input sensitivity	Automatic sensitivity adjustment
Power supply	BA 10 (li-ion, 3.6 V) or 2 x AA batteries (1.5 V) via battery holder (not included)
Operating time	typ. 15 hrs with BA 10, typ. 11 hrs with alkaline primary cells
Display	LCD
Weight	approx. 315 g with mic head and rechargeable battery pack

Capsule for SKM AVX	
MMD 835-1	Dynamic, cardioid, 2.1 mV/Pa, max. 154 dB SPL

Microphones for SK AVX	
ME 2	Perm. polarised condenser microphone, omnidirectional, 20 mV/Pa, max. 130 dB SPL
MKE 2	Perm. polarised condenser microphone, omnidirectional, 5 mV/Pa, max. 142 dB SPL

Battery packs	
BA 10	Li-ion battery for SKM AVX-835 and SKM AVX-835S, 3.6 V, 2,200 mAh
BA 20	Li-ion battery for EKP AVX, 3.7 V, 430 mAh
BA 30	Li-ion battery for SK AVX, 3.7 V, 2,030 mAh