



AVX

Wireless digital microphone system



AVX is the wireless digital microphone system for your film projects and is ideal for use with both video and DSLR cameras.

AVX features self-configuring digital transmission which eliminates time-consuming frequency setup. The ultra compact receiver can be rotated freely around its XLR connector to avoid obstructing other devices mounted on your camera. It switches on and off automatically with your camera, thereby saving battery power. AVX matches perfectly to your camera's input sensitivity without having to adjust the audio level on the microphone. From professional wedding video to documentaries, from street interviews to corporate videos, AVX just works allowing you to concentrate on creativity.

FEATURES

- Very fast setup
- Receiver plugs directly into the XLR audio input of the camera
- Ultra compact receiver
- Receiver switches on and off with the camera's P48 phantom power
- Optimized dynamic range
- Automatic frequency management
- AES 256 encryption
- License-free 1.9 GHz frequency range
- DSLR accessories included
- Metal housing

SYSTEM COMPONENTS

- EKP AVX receiver
- SK AVX bodypack transmitter
- SKM AVX | SKM AVX-S handheld transmitter
- BA 10 accupack
- BA 20 accupack
- BA 30 accupack
- ME 2 clip-on microphone
- MKE 2 clip-on microphone
- EKP AVX adapter
- NT 5-10 U power supply unit
- CI 400 adapter cable

AVAILABLE SETS

AVX-ME2 Set

- includes: EKP AVX / SK AVX / ME 2-II lavalier microphone

AVX-835 Set

- includes: EKP AVX / SKM AVX / MMD 835 microphone head

AVX-Combo Set

- includes: EKP AVX / SKM AVX / MMD 835 microphone head / SK AVX / ME 2-II lavalier microphone

AVX-MKE2 Set

- includes: EKP AVX / SK AVX / MKE 2 lavalier microphone



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PRODUCT VARIANTS

EKP AVX-3-EU	1880 - 1900 MHz	Art. no. 505854
EKP AVX-4-US	1920 - 1930 MHz	Art. no. 505864
EKP AVX-5-US	1893 - 1906 MHz	Art. no. 505870
SKM AVX-835-3	1880 - 1930 MHz	Art. no. 506157
SKM AVX-835S-3	1880 - 1900 MHz	Art. no. 505860
SKM AVX-835S-4	1920 - 1930 MHz	Art. no. 505866
SKM AVX-835S-5	1893 - 1906 MHz	Art. no. 505872
SK AVX-3	1880 - 1900 MHz	Art. no. 505859
SK AVX-4	1920 - 1930 MHz	Art. no. 505865
SK AVX-5	1880 - 1895 MHz	Art. no. 505871

ACCESSORIES

BA 10	Accupack for SKM AVX handheld transmitter	Art. no. 505972
BA 20	Accupack for EKP AVXreceiver	Art. no. 505973
BA 30	Accupack for SK AVX bodypack transmitter	Art. no. 505974
CL 400	Adapter cable for EKP AVX receiver	Art. no. 563661
EKP AVX adapter	Hot shoe adapter With belt clip for EKP AVX receiver	Art. no. 564595
Pouch	Bag for SKM AVX handheld or SK AVX bodypack transmitter	Art. no. 564556
MZW 1	Windshield for SKM AVX handheld transmitter	Art. no. 004839
Microphone clamp	Microphone stand clamp for SKM AVX handheld transmitter	Art. no. 538959



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SPECIFICATIONS

System

AF frequency response	20 to 20,000 Hz
Dynamic range	> 120 dB (A)
Total harmonic distortion (THD)	typ. 0.1 %
Audio sampling	24 bit/48 kHz
Signal-to-noise ratio	> 90 dB (A)
RF frequency ranges	(Country code)
Europe, Indonesia, Hongkong, Singapore, Malaysia, Vietnam, Australia, New Zealand	1880 - 1900 MHz (-3)
USA, Canada, Argentina, Mexico	1920 - 1930 MHz (-4)
Japan	1893 - 1906 MHz (-5)
Taiwan	1880 - 1895 MHz (-6)
Brazil	1910 - 1920 MHz (-7)
Modulation	GFSK with back channel
Transmission method	TDMA fast switching antenna diversity
Latency	19 ms
Relative air humidity	max. 95 %
Temperature range*	Operation: -10 °C to +55 °C Storage: -20 °C to +70 °C
The temperature range is influenced by the battery characteristics	

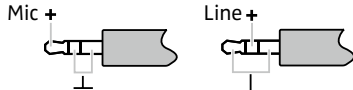
EKP AVX (Camera Receiver)

RF sensitivity	< -90 dBm
RF output power back channel	typ. 15 dBm e.i.r.p.
Audio output XLR, balanced	adjustable -30 dBu to 0 dBu in 4 steps
Power supply	BA 20 (Li-Ion 3.7 V)
Operating time	> 4 h
AF connection socket	XLR, male
Weight (incl. BA 20)	approx. 87 g

SKM AVX (Handheld Transmitter)

RF output power	adaptive, up to 250 mW (country-specific)
AF frequency response	50 to 20,000 Hz
Input sensitivity	automatic sensitivity adjustment
Power supply	Rechargeable batteries: BA 10 (Li-Ion, 3.6 V) Batteries*: 2 x AA size battery (1.5 V)
Operating time	Rechargeable batteries: typ. 15 h Batteries*: typ. 10 h
Display	LCD
Weight (w/o rechargeable batteries)	approx. 282g incl. microphone head
* optional accessory	

SK AVX (Bodypack Transmitter)

RF output power	adaptive, up to 250 mW (country-specific)
AF frequency response	Mic: 50 to 20,000 Hz Line: 20 to 20,000 Hz
Max. input level	Mic: 1.5 V _{RMS} Line: 3.1 V _{RMS}
Line input impedance	1 MΩ
Input sensitivity	automatic sensitivity adjustment
Power supply	Rechargeable batteries: BA 30 (Li-Ion, 3.7 V) Batteries*: 2 x AA size battery (1.5 V)
Operating time	Rechargeable batteries: typ. 15 h Batteries*: typ. 11 h
Display	LCD
AF connection socket	3.5 mm jack socket, lockable connector assignment:
	
Weight (w/o rechargeable batteries)	approx. 87 g
* optional accessory	

Microphone modules

	MMD 835-1	MMD 42-1
Microphone type	dynamic	
Sensitivity	2.1 mV/Pa	1.8 mV/Pa
Pick-up pattern	cardioid	omni-directional
Max. SPL	154 dB SPL	154 dB SPL

Clip-on microphones

	ME 2	MKE 2
Microphone type	pre-polarized condenser microphone	
Sensitivity	20 mV/Pa	5 mV/Pa
Pick-up pattern	omni-directional	
Max. SPL	130 dB SPL	142 dB SPL