



Evolution Wireless Digital EW-DP EK | Portable Receiver



Portable digital UHF receiver for use with EW-D SK bodypack, EW-D SKM-S handheld, and EW-D SKP plug-on transmitters.

FEATURES

- Fully digital UHF wireless microphone system for video applications
- Integrated Bluetooth for synchronization and control
- Smart Notifications for troubleshooting and system guidance
- Intelligent battery management provides operating time (hours:minutes)
- Extended battery life: up to 12h on transmitter, 7h on receiver
- Magnetically stackable components for versatile mounting
- Industry leading 134 dB dynamic range for distortion free transmission
- Up to 56 MHz bandwidth for flexibility in any RF environment
- Exceptionally low latency (1.9 ms)
- External charging and powering via USB-C (receiver only)
- Smart Assist app for monitor & control
- Optional plug-on transmitter features XLR & 3.5 mm inputs, +48V & recording via microSD (ENG Set or component only)

DELIVERY INCLUDES

- EW-DP EK digital portable single channel receiver
- Mounting kit (Mounting plate, cold shoe, belt clip & screws)
- BA 70 li-ion battery & (2) AA battery
- Locking 3.5 mm TRS plug to 3.5 mm TRS plug cable
- Locking 3.5 mm TRS plug to XLR plug cable
- USB-C charging cable



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SPECIFICATIONS

System			EW-DP EK	
Audio link frequency ranges	Q1-6	470.2 – 526 MHz	Input voltage	~ 1.8 - 4.35 V
	R1-6	520 – 576 MHz	Input current	Typ. < 250 mA / Max. < 400 mA (BA 70) Typ. < 400 mA / Max. < 750 mA (2x AA batteries) < 300 mA@ 5 V (USB-C standalone)
	R4-9	552 – 607.8 MHz		
	S1-7	606.2 – 662 MHz		
	S4-7	630 – 662 MHz		
	S7-10	662 – 693.8 MHz		
	T1/7	694.5 – 702.7 MHz & 748.3 – 757.7 MHz		
	T12	806.125 – 809.750 MHz		
	T13-14	819.2 – 823.0 MHz		
	U1/5	823.2 – 831.8 MHz & 863.2 – 864.8 MHz		
	V3-4	925.2 – 937.3 MHz		
	Y1-3	1785.2 – 1799.8 MHz		
Bluetooth® Low Energy (BLE) frequency range	2402 - 2480 MHz		Power Supply	2x AA batteries 1.5 V or BA 70 rechargeable battery pack or USB-C PD power supply (max.): <ul style="list-style-type: none">• 5 V / 1500 mA• 9 V / 900 mA• 12 V / 700 mA
Audio frequency response	20 Hz - 20 kHz (-3 dB) @ 3 dBfs		Transmit power (radiated)	BLE: max. 10 mW EIRP
Audio THD	≤ -60 dB for 1 kHz @ -3 dBfs input level		Audio output power	< 2 dBV max. (high level) / < 4 dBu max (high level)
Dynamic range	134 dB		Headphone Output	< 50 mW into 16 Ohms
System latency	1.9 ms		Dimensions	86 x 67 x 28 mm (3.39" x 2.64" x 1.1")
Operating temperature	-10 °C - +55 °C (14 °F - 131 °F)		Weight (without antennas and power supply)	approx. 140g (0.31 lbs)
Relative humidity	5 - 95 % (non-condensing)			

PRODUCT VARIANTS

EW-DP EK (Q1-6)	470.2 – 526 MHz	Art. no. 700050
EW-DP EK (R1-6)	520 – 576 MHz	Art. no. 700051
EW-DP EK (R4-9)	552 – 607.8 MHz	Art. no. 700052
EW-DP EK (S1-7)	606.2 – 662 MHz	Art. no. 700053
EW-DP EK (S4-7)	630 – 662 MHz	Art. no. 700054
EW-DP EK (S7-10)	662 – 693.8 MHz	Art. no. 700055
EW-DP EK (T1/7)	694.5 – 702.7 MHz & 748.3 – 757.7 MHz	Art. no. 700475
EW-DP EK (T12)	806.125 – 809.750 MHz	Art. no. 700476
EW-DP EK (T13-14)	819.2 – 823.0 MHz	Art. no. 700477
EW-DP EK (U1/5)	823.2 – 831.8 MHz & 863.2 – 864.8 MHz	Art. no. 700056
EW-DP EK (V3-4)	925.2 – 937.3 MHz	Art. no. 700058
EW-DP EK (Y1-3)	1785.2 – 1799.8 MHz	Art. no. 700059



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ACCESSORIES

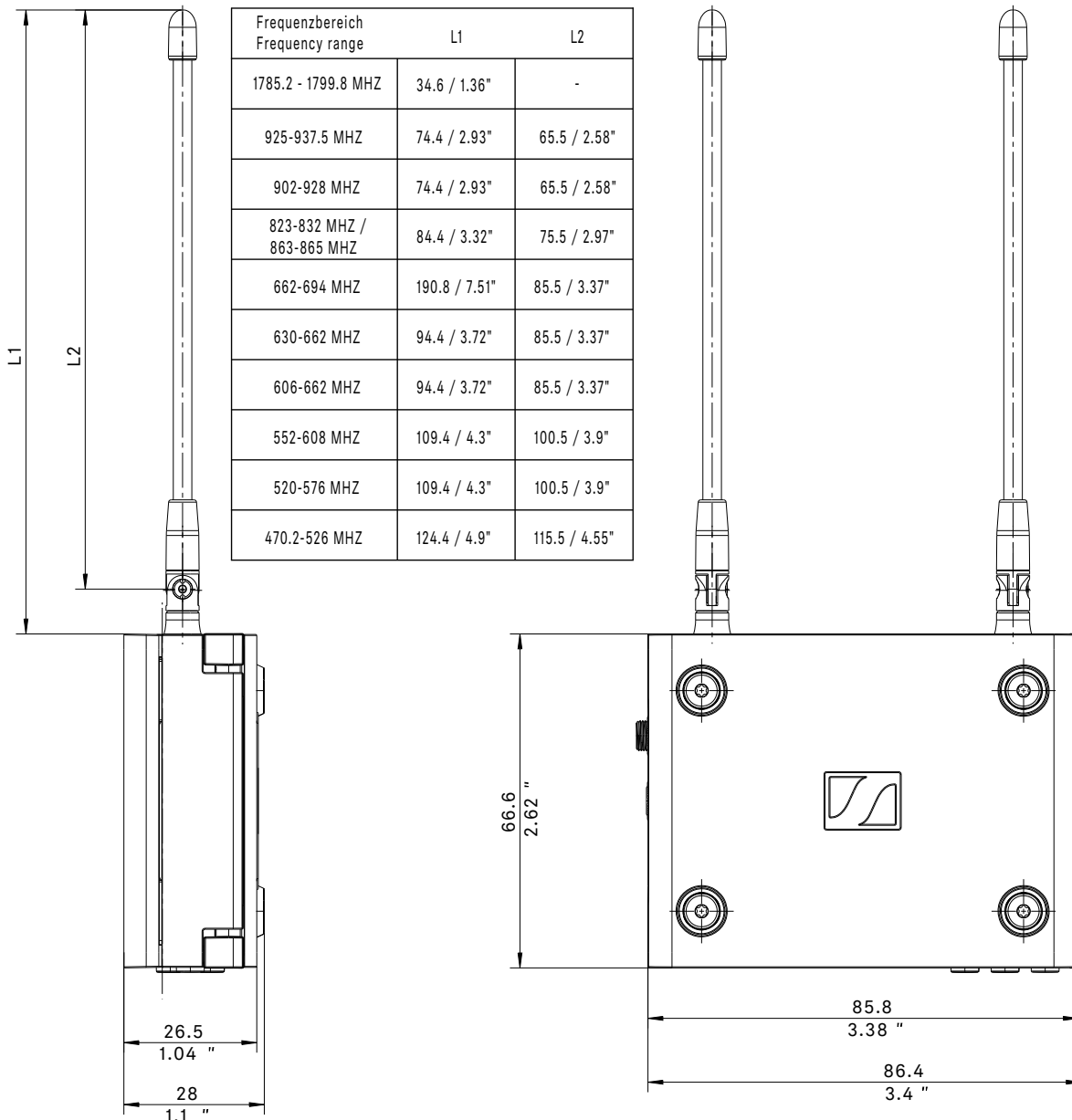
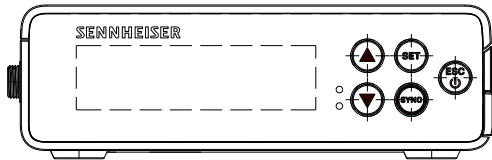
Mounting Plate Set	Mounting kit for EW-DP (Mounting plate, mounting screws, cold shoe mount, allen key, and belt clip)	Art. no. 700005
Mounting Plate	Single mounting plate	Art. no. 588188
CL35	3.5 mm to 3.5 mm TRS coiled cable	Art. no. 586365
CL35-Y	3.5 mm to dual -3.5 mm TRS coiled cable	Art. no. 700061
CL35XLR	3.5 mm to XLR plug coiled cable	Art. no. 700062
BA 70	Rechargeable battery pack for SK and SKM-S	Art. no. 508860
L 70 USB	Charger for BA 70 rechargeable battery pack	Art. no. 508861
EW-D CHARGING SET	Set of L 70 USB charger and 2 BA 70 rechargeable battery packs	Art. no. 508862



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DIMENSIONS

EW-DP EK





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DIMENSIONS

Mounting Accessories

