



## 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 R1-6 520 – 576 MHz 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	Input voltage	~ 1.8 - 4.35 V
Bluetooth® Low Energy (BLE) frequency range	2402 - 2480 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)
Audio frequency response	20 Hz - 20 kHz (-3 dB) @ 3 dBfs	Power Supply	2x AA batteries 1.5 V or BA 70 rechargeable battery pack or USB-C PD power supply (max.): • 5 V / 1500 mA • 9 V / 900 mA • 12 V / 700 mA
Audio THD	≤ -60 dB for 1 kHz @ -3 dBfs input level	Transmit power (radiated)	BLE: max. 10 mW EIRP
Dynamic range	134 dB	Audio output power	< 2 dBV max. (high level) / < 4 dBu max (high level)
System latency	1.9 ms	Headphone Output	< 50 mW into 16 Ohms
Operating temperature	-10 °C - +55 °C (14 °F - 131 °F)	Dimensions	86 x 67 x 28 mm (3.39" x 2.64" x 1.1")
Relative humidity	5 - 95 % (non-condensing)	Weight (without antennas and power supply)	approx. 140g (0.31 lbs)

### PRODUCT VARIANTS

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



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### ACCESSORIES

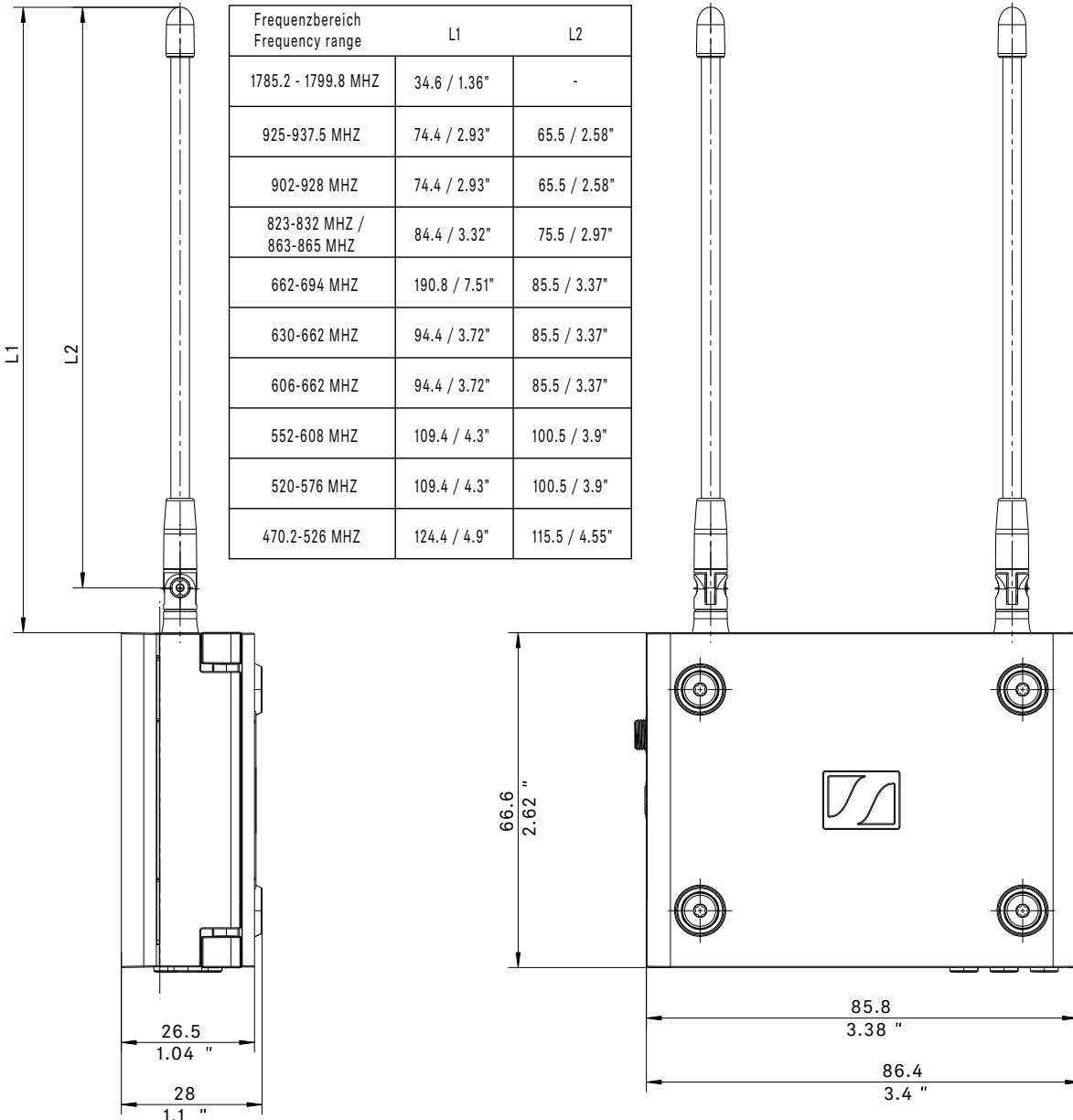
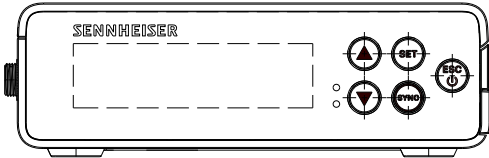
<b>Mounting Plate Set</b>	Mounting kit for EW-DP (Mounting plate, mounting screws, cold shoe mount, allen key, and belt clip)	Art. no. 700005
<b>Mounting Plate</b>	Single mounting plate	Art. no. 588188
<b>CL35</b>	3.5 mm to 3.5 mm TRS coiled cable	Art. no. 586365
<b>CL35-Y</b>	3.5 mm to dual -3.5 mm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



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## DIMENSIONS

### EW-DP EK

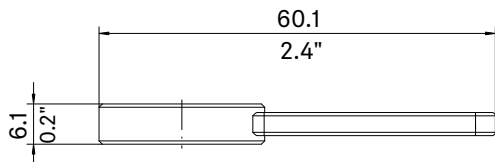
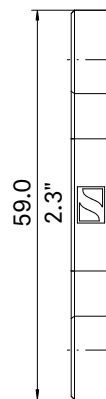
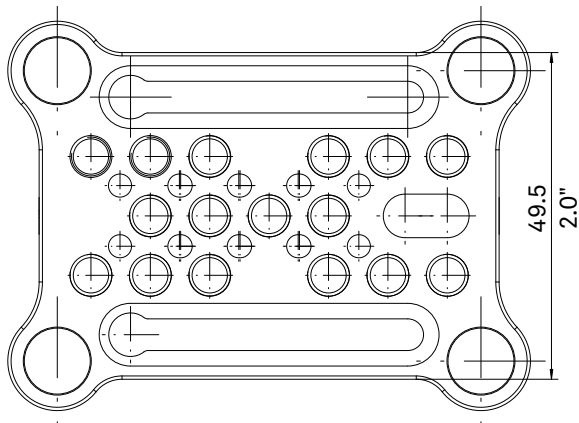
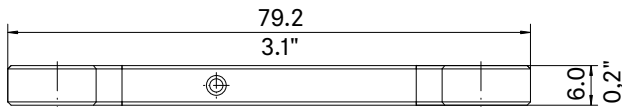




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## DIMENSIONS

### Mounting Accessories



Montagemaße in Anlehnung an ISO 518  
Mounting dimensions according to ISO 518

