Sennheiser EW-DP SKP



At the end of October, the EW-DP SKP plug-on transmitter will complete the EW-DP series for videographers, broadcasters, and filmmakers. On board: 32-bit float recording, which – in combination with the series' market-leading 134 dB dynamic range of the transmitter – ensures distorted audio is a thing of the past. No matter what signal is to be recorded on location, whether a whisper or an aircraft taking off, everything can be handled by the SKP without the videographer having to reset levels. Video recording will become faster, easier, and totally reliable.

"Unlike many competitors who offer 32-bit float recording, but not the means to really benefit from this technology as their transmitter limits the dynamic range right on the input side, Sennheiser gives you the industry's best dynamic input range of 134 dB and 32-bit float – you could call this 'true' 32-bit float recording," says Tobias von Allwörden, head of Sennheiser's Audio for Video portfolio. "Combine this unique transmitter with a high-quality microphone, and you will have an incredible dynamic range, and incredible detail, too, without having to adjust the gain all the time – ideal for run and gun videography and cinematography."

The recording function of the EW-DP SKP plug-on transmitter is like a safety net for the user, with a safety copy of their audio being stored on a micro SD card. The SKP additionally offers 24-bit, 48 kHz recording so that videographers can also opt for this less memory-intensive recording format.

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The SKP is the most versatile family member of Evolution Wireless Digital, as it can be connected to dynamic and condenser XLR microphones (+48 V phantom power on board) as well as to lavalier mics with a 3.5 mm jack connector. Its low-cut filter can be switched off, so the SKP can also serve as an adjustment tool for PA systems. “In a nutshell: The EW-DP SKP is the best plug-on transmitter that Sennheiser has ever manufactured,” says von Allwörden.

The plug-on transmitter is powered by the BA 70 rechargeable battery or by two AA batteries. It will be available separately or as part of the EW-DP ENG SET, which additionally includes the stackable EW-DP EK camera receiver and a bodypack transmitter with an ME 2 lavalier mic, giving videographers more options for recording their audio.



The system comes complete with a magnetic mounting plate kit, a BA 70 rechargeable battery, two standard AA batteries, a locking 3.5 mm TRS to 3.5 mm TRS cable, a locking 3.5 mm TRS to XLR cable, and a USB-C charging cable for the receiver.

EW-DP SKP

- Input voltage: 2.0 - 4.35V
- Input current: < 300mA (without Recording & P48)
- Power supply: 2 AA batteries 1.5V (alkali manganese) or BA 70 rechargeable battery pack
- Occupied bandwidth: 200kHz
- Transmit power (radiated): Audio link: 10 mW ERP; BLE: max. 10mW EIRP

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- Dimensions: 108 x 42mm
- Weight (without batteries): approx. 163g

System

- Audio link frequency ranges: Q1-6: 470.2 - 526MHz; R1-6: 520 - 576MHz; R4-9: 552 - 607.8MHz; S1-7: 606.2 - 662MHz; S4-7: 630 - 662MHz; S7-10: 662 - 693.8MHz; U1/5: 823.2 - 831.8MHz & 863.2 - 864.8MHz; V3-4: 925.2 - 937.3MHz; Y1-3 1785.2 - 1799.8MHz
- Bluetooth Low Energy (BLE) frequency range: 2402 - 2480MHz
- Audio frequency response: 20Hz - 20kHz (-3dB) @ 3dBfs
- Audio THD: = -60dB for 1kHz @ -3dBfs input level
- Input dynamic range: 134dB
- System latency: 1.9ms
- Operating temperature: -10°C - +55°C (14°F - 131°F)
- Charging temperature: 0°C - +55°C (32°F - 131°F)
- Relative humidity 5 - 95% (non-condensing)

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