SK 6212

Architect’s Specification

The bodypack transmitter shall be for use with a companion receiver as part of a true digital wireless RF transmission system. The bodypack transmitter shall operate in the UHF frequency range between 470.200 and 713.800 MHz. Different frequency variants shall be available depending on country-specific regulations.

The bodypack shall feature an OLED display showing battery status, the frequency or the channel name, the status of the lock mode, the AES 256 encryption status and warnings. An additional homescreen shall display the AF level only. Remaining operating time shall be indicated by both a battery icon and numeric indication in hours and minutes. All transmitter parameters shall be adjustable with function buttons on the device itself or by infrared synchronization via the associated receiver. The function buttons shall be lockable against accidental misuse.

The frequency switching bandwidth shall be up to 88 Mhz with a frequency stability of < 5 ppm and a tunability of 25 kHz steps. RF output power shall be switchable between 14 mW rms and 4 mW rms.

The transmitter shall feature an LED indicating the operating status when the device is switched on. The LED shall indicate audio peaks and low battery and shall be defeatable when the device is in lock mode.

The transmitter’s microphone input shall utilize a lockable 3-pin audio socket. The AF frequency response shall range from 30 – 20,000 Hz. The lower frequency limit (-3 dB) shall be adjustable between 30 Hz, 60 Hz, 80 Hz, 100 Hz or 120 Hz. The Audio amplification shall be adjustable in steps of 3 dB from -6 dB to +42 dB.

The transmitter shall be compatible with microphones for every application: Sennheiser lavalier microphones MKE 1, MKE 2, MKE Essential and MKE 40, Sennheiser headset microphones HSP 2, HSP 4, HSP Essential and SL Headmic 1-4.

The transmitter shall be powered by the Sennheiser lithium-polymer rechargeable battery pack BA 62 with a typical operating time of 12 hours. The rechargeable battery pack shall be exchangeable. The housing of the transmitter shall be made of aluminum with a detachable vertical and horizontal belt clip. The antenna shall utilize a coaxial socket and be detachable by the user.

Dimensions shall be approximately 63 x 47 x 20 mm. Weight (with battery pack and belt clip) shall be approximately 112 grams. Operating temperature shall range from −10 °C to +50 °C (+14 °F to +122 °F).

The bodypack transmitter shall be the Sennheiser SK 6212.