

EM 3732 Dual Receiver

The new EM 3732 Dual Receiver combines bullet-proof reliability with ease of use. The wide switching bandwidth of 90 MHz and multiple connection options make these receivers the most flexible in the market. They feature a number of innovative functions, such as a digital audio output, high-contrast OLED display and extraordinarily intuitive operation via an icon-based menu.



Features

- AES 3 digital audio output
- 90 MHz switching bandwidth
- Ethernet connection to PC
- Antenna loop-through for daisy-chaining up to 8 receivers
- Optional Command Channel function provides second audio output per channel
- Jog dial to navigate through the menu
- Hot keys for save, sync, headphones & escape
- Intuitive menu icons
- Extraordinarily easy and quick overview of all settings
- Bright, high-contrast OLED display
- Monitoring and control via the Sennheiser WSM software
- AutoScan™ and Sync function ensures a quick system set-up via an IR interface

EM 3732 Technical Data



RF Parameters	
Frequency ranges	470–560 MHz; 518–608 MHz; 548–638 MHz; 614–704 MHz; 678–768 MHz; 708–798 MHz; 776–866 MHz; 814–904 MHz; 870–960 MHz
Receiving frequencies	6 fixed frequency banks with up to 60 channels each; 1 user bank with up to 60 channels, adjustable in steps of 5 kHz
Switching bandwidth	90 MHz
Receiver principle	True Diversity
Sensitivity (with HDP, peak deviation)	typ. 2.5 μV at 52 dB(A)rms S/N, typ. 10 μV at 100 dB(A)rms S/N
Adjacent channel selection/spacing	≥ 65 dB/ ± 400 kHz, ≥ 70 dB/ ± 800 kHz
Intermodulation attenuation	~ 75 dB
Blocking	~ 80 dB
Squelch	15 steps (0 ... 30 μV)
AF Parameters	
Latency	≤ 1.3 ms
Signal-to-noise ratio (1 mV, peak deviation)	≥ 115 dB(A) (AF OUT)
THD (at nominal deviation, 1 kHz)	≤ 0.3 %
AF output level (at peak deviation, 1 kHz AF)	+18 dBu to –22 dBu, adjustable in steps of 1 dB (transformer balanced)
Audio outputs	2 XLR-3 connectors
AES-EBU	XLR-3, 44.1, 48, 88.2 or 96 kHz, 24 Bit, word clock sync possible
Word clock	BNC connector, 75 ohms
Dimensions	
L x W x H (inches)	17.16 x 9.84 x 1.73
Weight (pounds)	7.71