
Specifications

Transmitter and modulator section

Oscillator	Crystal controlled PLL synthesizer
Carrier frequencies	Model available in USA: 470 to 710 MHz, 758 to 806 MHz Model available in Europe: 470 to 606 MHz 614 to 862 MHz Model available in Australia: 792 to 806 MHz
Operating frequency band	Model available in USA and Europe: 24 MHz Model available in Australia: 14 MHz <i>Refer to the "Sony Wireless Microphone System Frequency List" supplied with this manual.</i>
RF power output	50 mW/10 mW e. r. p.
Tone signal	32.768 kHz
Battery condition signal	32.782 kHz
Type of antenna	$\frac{1}{4}$ -wavelength wire
Pre-emphasis	50 μ s
Deviation	± 5 kHz (-60 dBV, 1 kHz input, MIC) ± 5 kHz (-20 dBu, 1 kHz input, LINE)
Maximum deviation	± 40 kHz
Frequency response	40 to 20,000 Hz
Signal-to-noise ratio	60 dB or more (A-weighted, modulation frequency 1 kHz, with ± 5 kHz deviation at tuner)

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0 dBv = 1 Vrms

Power section

Power requirements	3.0 V DC (two LR6/size AA alkaline batteries)
Battery life	Approx. 6 hours at 25°C (77°F) with Sony LR6 alkaline batteries (50 mW) Approx. 13 hours at 25°C (77°F) with Sony LR6 alkaline batteries (10 mW)

General

Operating temperature	0°C to +50°C (32°F to 122°F)
Storage temperature	-30°C to +60°C (-22°F to +140°F)
Dimensions	63 × 83 × 17 mm (w/h/d) (2 $\frac{1}{2}$ × 3 $\frac{3}{8}$ × $\frac{11}{16}$ inches)
Mass	Approx. 140 g (4.9 oz) including batteries

Supplied accessories

Operating Instructions	(1 set)
Sony Wireless Microphone System Frequency List	(1)
Soft case	(1)
Scribble sheet (supplied with European model only)	(1)
Battery case	(1)
Microphone cable	(1)

Optional accessories

Lavalier microphones	ECM-44BC, ECM-77BC, ECM-166BC, ECM-310BC, ECM-350BC
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Design and specifications are subject to change without notice.

Error Messages

When a problem occurs, one of the following error message may appear on the display.
