EM 500 G2

RF Wireless Systems | evolution wireless G2

Cat. No. 021630

General Description

The EM 500 G2 rack-mount receiver is an ideal choice for professional multi-channel applications. It features nine frequency banks with up to 20 presets each.

Technical Data

RF frequency range	518–866 MHz
Receiving frequencies	1,440
Presets	max. 20
Switching bandwidth	36 MHz
Peak deviation	+/- 48 kHz
Compander	HDX
AF frequency response	40–18,000 Hz
Signal-to-noise ratio	> 115 dB(A)
THD	< 0.9 %
In compliance with	ETS 300422, ETS 300445, CE, FCC
Antenna connector	2 BNC, 50 Ω
Audio connector	6.3 mm
Audio output level (balanced)	XLR: +18 dBu max
Audio output level (unbalanced)	Jjck: +12 dBu max
Power supply	10.5–16 V DC
Dimensions	212 x 145 x 38 mm
Weight	1,100 g

Features

- 1,440 tunable UHF frequencies for interference-free reception
- Absolutely reliable transmission
- High-quality true diversity reception
- Pilot tone squelch for eliminating RF interference
- Scan function searches for available frequencies
- Rugged metal housing
- Rack mount and power supply unit included
- User-friendly menu operation via two-colour backlit graphics display (green = OK; red = warning)
- Lock function avoids accidental changing of settings
- HDX compander for crystal-clear sound
- Displays the battery status of suitable transmitters
- Mute indicator for transmitter
- Four equalizer presets
- Soundcheck mode for checking AF and RF conditions
- Adjustable headphone output
- Wide range of accessories adapts the receiver to any requirement
- Delivery includes: 1 EM 500 G2 rack-mount receiver, 1 GA 2 rack adaptor, 1 NT 2-1 power supply unit, 2 telescopic antennas

Product Variants

- EM 500 G2 -A-US: Frequency range 518–554 MHz/ Power supply unit US — Cat. No. 009743
- EM 500 G2 -A-UK: Frequency range 518–554 MHz/ Power supply unit UK — Cat. No. 009744
- EM 500 G2 -B-EU: Frequency range 626–662 MHz / Power supply unit EU — Cat. No. 009745
- EM 500 G2 -B-US: Frequency range 626–662 MHz / Power supply unit US — Cat. No. 009746
- EM 500 G2 -B-UK: Frequency range 626–662 MHz / Power supply unit UK — Cat. No. 009747
- EM 500 G2 -C-EU: Frequency range 740–776 MHz / Power supply unit EU — Cat. No. 009748
- EM 500 G2 -C-US: Frequency range 740–776 MHz / Power supply unit US — Cat. No. 009749
- EM 500 G2 -C-UK: Frequency range 740–776 MHz / Power supply unit UK — Cat. No. 009750
- EM 500 G2 -D-EU: Frequency range 786–822 MHz / Power supply unit EU — Cat. No. 009751
- EM 500 G2 -D-US: Frequency range 786–822 MHz / Power supply unit US — Cat. No. 009752
- EM 500 G2 -D-UK: Frequency range 786–822 MHz / Power supply unit UK — Cat. No. 009753
- EM 500 G2 -E-EU: Frequency range 830–866 MHz / Power supply unit EU — Cat. No. 009754
- EM 500 G2 -E-US: Frequency range 830–866 MHz / Power supply unit US — Cat. No. 009755
- EM 500 G2 -E-UK: Frequency range 830–866 MHz / Power supply unit UK — Cat. No. 009756