

System Overview and Technical Data

evolution wireless G2 550 Series

Consists of the EM 550 G2 twin receiver, which can be combined with any of the transmitters from the ew G2 500 Series:

- **EM 550 G2:** Rack-mount twin receiver

<i>Receiver</i>	
Frequency ranges	518–554, 626–662, 740–776, 786–822, 830–866 MHz
Transmission/receiving frequencies	1,440
Compatible frequencies per frequency bank	up to 20
Compannder	HDX
Signal-to-noise ratio	115 dB
Audio frequency response	40 – 18,000 Hz
Pilot tone squelch	32.768 kHz (can be switched off)
Scan function	scans all frequency banks
Adjacent channel rejection	> 70 dB
Intermodulation attenuation	> 70 dB
Sensitivity (with HDX, at peak deviation, 52 dBA _{rms} S/N)	typ. 1.5 µV
EQ presets	Flat (40–18,000 Hz) Low Cut (–3 dB @ 200 Hz) Hi Boost (+6 dB @ 10 kHz) Low Cut & Hi Boost
Max. AF output voltage	XLR, transformer balanced: –22 to +18 dBu (adjustable in steps of 2 dB)
Dimensions	436 x 215 x 43 mm
Weight	approx. 3500 g