



**BIN: MRE028**  
**MR Dual Band PRO**

The MR In-Building PRO Dual Band Repeater Kit is compatible with all European mobile phone carriers (except 3G) and effectively provides a strong and reliable phone signal in places with poor reception.

The MR In-Building PRO kit comes with everything you need to boost coverage in your area! This product is simple to install, comes with 100% free technical support.

**Key Features**

- 2013 new design
- Digital screen with gain control buttons
- Signal indicator and alarm
- Power PRO dual band GSM repeater
- Simple installation
- Supports 50 simultaneous users
- Works with all European carriers
- Money back warranty

**Electrical Specifications**

Item	Uplink	Downlink
Frequency (GSM900)	890-915MHz	935-960MHz
Frequency (GSM1800)	1710-1785MHz	1805-1880MHz
Maximum Gain	29~60dB (±3dB)	34~65dB (±3dB)
Ripple in Band	≅ 5dB	
Max. Input Power without damage	- 50 dBm	- 80 dBm
Output Power	Max 20dBm (±3)	Max 19dBm (±3)
Spurious Emission (9KHz-1GHz)	≅ -36dBm	≅ -36dBm
Spurious Emission (1GHz-12.75GHz)	≅ -30dBm	≅ -30dBm
Noise Figure @ Max. Gain	≅ 6dB (Typical)	
Return Loss	≅ 3dB	
Time Delay	≅ 0.5µs	
MTBF	> 50000hours	
Power Supply	DC 12V 2A	
Power Consumption	< 10 Watt	
Impedance	50 ohm	

**Mechanical Specifications**

RF Connector	N-Female
Cooling	Heatsink convection cooling
Dimensions (DxWxH)	225 x 160 x 29.5mm
Weight	1150 Gram
Environment Conditions	IP 40
Humidity	< 90%
Operating Temperature	-10C - 60C

**Package includes**

- 1 x MR PRO GSM Repeater
- 1x External dual band signal antenna
- 1 x 10 m coax to connect to repeater
- 1 x AC/DC power supply
- 1 x Easy to follow installation manual