

# Talk Through Base Station

# Entel

Tough  
Compact  
Dependable  
Versatile



## RP Series

'the professional's choice'



CMP550



DMP550

\*also available with Bluetooth™

## optional accessories

Internal duplexer (with VHF Mid Band, the duplexer is external)

Internal Li-Ion battery for transportable or backup use

Desk mic with optional foot switch

Fist mic

12v power lead

Wall mount bracket

Weatherproof enclosure

Programmable scrambler

### rear view

- ① Antenna socket
- ② Antenna socket
- ③ 13.8VDC input
- ④ DC fuse
- ⑤ Mains input
- ⑥ Earth stud



## technical specifications

RF power output	VHF - 5 Watts (high) / 1 Watt (low) UHF - 4 Watts (high) / 1 Watt (low)
Frequency range VHF Mid	TX/RX 66 to 88MHz (RP510)
Frequency range VHF High	TX/RX 136 to 174MHz (RP520)
Frequency range UHF	TX/RX 400 to 470MHz (RP580)
Frequency range UHF u/band	TX/RX 450 to 520MHz (RP580-U)
Sub audible tone	CTCSS, DCS with reverse burst
Channel spacing	12.5KHz, 20KHz or 25KHz
Channel steps	5KHz or 6.25KHz
Operating voltage	External - 110-240VAC or 13.8VDC Internal - 7.5VDC
Dimensions (excl. protrusions)	210mm(h) x 113mm(w) x 260mm(d)
Weight	5kg (excl. internal duplexer & battery)

The RP Series base station is a high quality, affordable talk through base station. It offers the perfect solution to those users wishing to improve or extend the range of their local on site communication system.

- **Compact & Durable** – robust case with 7mm thick die-cast covers.
- **Constant Full Transmit** – the RP Series can perform at full power for 100% of its duty cycle.
- **Local Control** – using the integrated loudspeaker and a choice of optional plug in microphones.
- **Versatile** – operates from external 12V, 110-240V or optional internal battery. Can be wall, desk or vehicle mounted and even used as a transportable unit. Will interface with after-market tone/telephone interconnect panels.
- **Mains Fail Backup** – in the event of a mains failure the base will alert the user and automatically switch to the optional back-up battery (if fitted).
- **Dual or Single Antenna Operation** – single antenna operation is available using an optional internal duplexer or RF coaxial switching relay.
- **Dual Receiver** – where licensing in a particular country dictates, the RP Series base station can use an in-built second receiver to check for any incoming signals on the base TX frequency. If a signal is detected, the base station will not transmit.
- **Configuration** – a PC can be used to easily programme and align the base station.
- **Voice Scrambler** – an optional scrambler is available for when the base station is controlled locally and scrambling is used on the radio system.

