

SMC Transportable Repeater

by South Midlands Communications Ltd (UK)

An easy to operate, fully weather-proof, portable repeater station,
ideally suited to emergency operations.

» The SMC transportable repeater station has been specifically designed for use by security and rapid response emergency services.

» All the features designed into the new transportable unit are as a result of inputs from agencies having used it in real life emergency scenarios.

» The repeater is available as 'in-band' or 'crossband' and can operate with either two antennas (for wideband multi-channel operation) or have an on-board duplexer.

» A total of 4 channels available.

» Transmit power 10W

» The unit has a weather-proof connector for connection of an external DC supply to provide for longer unattended operating life between charges.

» The standard repeater unit handles analogue speech but all forms of speech encryption are available including full digital crypto. (Subject to end user)

» Battery cable and fist microphone (for local operation) come as standard with the unit.



Easy release push catches



User Interface



Weather-proof, rugged case

**VHF / UHF, Full Duplex -
Crossband Available**

Battery Condition Meter

Developed in conjunction with disaster

response teams: and fire-ground services.

COMMUNICATIONS AS AND WHEN YOU NEED IT WHERE YOU NEED IT



Case colour options.



General

- » Available in all VHF/UHF frequency bands
- » Radios conform to MIL-STD 810 C,D,E
- » Operates from 12VDC internal battery (low duty cycle operation)

Dimensions & Mechanical

- » (470 mm x 357 mm x 176 mm)
- » Weight approx. 15kg (with internal battery)
- » Operational -20 C to + 50 C
- » Internal 'Micro Heater' option available
- » Operates in any plane



Weather-proof external DC connector/charger socket.



Weather-proof BNC antenna socket.

Components

- » 2 x Radios
- » Sealed lead-acid battery
- » Duplexer (optional) for single antenna working
- » Fist microphone
- » Various optional antennas are available
- » External charger

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