

3M™ Peltor™ RRV Communications System



Network Rail will mandate the use of DECT Duplex communications equipment for use in the deployment of all RRV activities under Letter of Instruction NR/BS/LI/225 against Network Rail Standard NR/L2/RMVP/0200/P006 Issue 1 and Product Acceptance Number PA05/04440 Issue 2



The 3M Peltor DECT-Com II is a wireless duplex intercom system, operating on 1.8 GHz DECT-frequencies, which are license free in the UK. Unlike a conventional radio based system where only one user can speak at a time, DECT-Com II users can hold a normal two-way conversation.

Products in the Peltor DECT-Com II range offer simple and efficient communication with up to 9 active users talking in full conference. Additionally up to 40 listeners can 'break in' to the conference. In a system with more than 9 users any listening participant can change from listening to speaking. The earliest active speaker will then become a listener in the conference and any other listener can follow, replacing active speakers in the order 'first in / first out'.

There are three versions of the DECT-Com II main unit: a Portable unit, a combined Base/Portable and a Base/Portable with external input for a site radio. Each unit contains a rechargeable battery pack. Portables are charged via a drop in charging unit, whilst Base/Portables can be charged and carried around, or remain constantly powered whilst sited in a wall mounted docking station.

DECT-Com II is compatible with many 3M Peltor headsets, from the very lightweight to a full noise attenuating ear defender, making it suitable for a wide range of tasks.

Key Features:

- Full duplex communication system
- Working range typically up to 150m outdoors / 50m indoors (line of sight)
- Ghost voice guided menu system
- Up to three independent smaller user groups within each base group
- Volume boost for short term use in extremely high noise environments
- Open mic, Hands free VOX Voice Operated Transmission, or Push-To-Talk
- All-Call feature to reach all user groups and to other local synchronised base units
- Additional battery pack for longer usage time on base when used as a portable unit



Typical User Group Kits

	2 RRV Operators & Crane Controller	1 RRV Operator & 1 Machine or Crane Controller	Single Machine Basic Kit with GP340 Motorola Input
DC2812	-	1	-
DC2815	1	-	1
DC2068	1	1	1
AL2-B1807	1	1	1
DC2811	2	1	1
DC2064	2	1	1
Carry Bag	1	1	1
MT701H03	4	3	3
DC2-5030	1	-	1

3M™ Peltor™ RRV Communications System



Portable Unit

For use with 3M Peltor Headsets.

DC2811 / PLT9583060Q / 0094/003072
£291.43



Base / Portable Unit

For fixed or mobile applications.

DC2812 / PLT9583060R / 0094/003071
£442.40



Base / Portable Unit, External Input

For fixed or mobile applications, with external input for site radio.

DC2815 / PLT9583060V / 0094/003068
£604.88



Drop-In Charging Holder

With UK mains power adaptor, IP42 rated.

DC2064 / PLT9583035N / 0094/003066
£53.46



Drop-in Power Supply

With UK mains power adaptor, IP65 rated.

DC2068 / PLT9583035S / 0094/003076
£88.06



12v Power Cable

With cigarette lighter style connector, for in-vehicle use with DC2068.

AL2-B1807 / PLT9581040T / 0094/003065
£32.76



Connector Cable to Motorola™ GP340 Site Radio

For use with DC2815.

DC2-5030 / PLT9583020X / 0094/003069
£95.40



Ultra Lightweight Non-Attenuating Single Sided Headset

Comes with neckband and straight cable complete with cable clip. For use when hearing protection is not required.

MT701H03 / PLT9585860Q / 0094/003074
£46.80



High Attenuation Standard Headset

Noise attenuating earshells designed for sound quality and comfort, with soft foam and fluid filled ear cushions. Noise cancelling boom microphone and rugged coiled cable. SNR 32-33dB.

MT7H79A / PLT9585879A
 - W/Headband **£120.63**
MT7H79B / PLT9585879B
 - W/Neckband **£120.63**
MT7H79P3E / PLT9585879P
 - W/Helmet Mount **£120.63**



High Attenuation Tactical XP Active Listening Headset

Offers 30-31dB of noise protection whilst allowing the user to hear approaching vehicles, machine sounds, warning signals and conversation. Noise cancelling boom microphone and rugged coiled cable.

MT1H7F2-07 / PLT9585811B
 - W/Folding Headband **£182.28**
MT1H7B2-07 / PLT9585810A
 - W/Neckband **£174.84**
MT1H7P3E2-07 / PLT9585812C
 - W/Helmet Mount **£174.84**



External Battery Carrier

Extends usage times of DectCom II portable or base units. Takes 6 x AA, not included.

DC2032 / PLT9583034M **£52.42**



Kit Carry Bag

Compact, lightweight zippered bag with reinforced padded handle. Durable and virtually maintenance free, to transport DectCom II handsets and headsets kits safely and securely.

IRW6562540G / 00111/103093 **£12.63**



Hygiene Kits for Noise Attenuating Headsets

Fits Standard and Tactical XP Headsets. Includes foam/fluid filled cushions and foam inserts.

HY79 / PLT9582179K **£6.70**



Clean Pads for Noise Attenuating Headsets

Box of 100prs on a roll. Effective for use in dirty or hot environments to keep cushions hygienically clean. Easy to fix and remove.

HY100A / PLT9582100A **£37.90**



Microphone Protector Tape

Tear-off disposable tape to protect microphones in dirty environments.

HYM1000 / PLT9582183Q
 - 5m Roll **£17.41**
HYM1000-100 / PLT9582183T
 - 1m Roll **£7.15**

The 3M Peltor RRV Communications System can be purchased from Cromwell Group on the Network Rail Employers Facilitated Contract NR/FSE/WA/002/1 at Network Rail negotiated contract rates.

Please contact Kevin Rudkin on 0116 257 2492 or at rudkink@cromwell.co.uk.