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CDT "COMPACT" CRANE RADIO SYSTEM



To meet the need for a more compact safe area crane radio system CDT have designed and manufactured a unit that, can be installed in the smallest cab.

The new compact unit uses Motorola radios with a standard single remote control head.

Using licensed Motorola software CDT has developed an interface to allow **ALL** functions to be initiated from this control head. Switching from VHF to UHF, the display on the control head indicating to which radio it is connected. Both radios continue to be monitored irrespective of which

radio is selected, by means of each radio having its own dedicated speaker. In addition, the optional PA is enabled from this control head again indicating that the PA has been selected on the display. No external switch boxes are needed.



The main equipment is mounted in an IP66 enclosure.

The system is supplied with, footswitch or push button, for radio PTT / PA operation, gooseneck microphone. Headset option is available.

Although supplied with Motorola GM360 radios the system can be adapted to accommodate other Motorola professional models.

Other configurations are available to suit customer's requirements.

Technical Specifications



<u>RADIOS</u>	<u>VHF</u>	<u>UHF</u>
Frequency Range	136MHz-174MHz	403MHz-470MHz
Channel Spacing	12.5/20/25kHz	12.5/20/25kHz
Transmit Power	1-25 watts	1-25 watts
Receive Sensitivity	<0.3uV (12dB SINAD)	<0.3uV (12 dB SINAD)

<u>MAIN ENCLOSURE</u>	
Contains	Radios, Power supplies, PA unit and Control interfaces.
Dimensions	300mm x 300mm x 200mm
IP Rating	IP66
Power supply	86-260v AC universal input.
DC options	12 volts, 24 volts, 48 volts

<u>CONTROL UNIT</u>	
Dimensions	200mm x 120mm x 80mm
Din Connector for Headset	
U Bracket mounting	
IP Rating	IP54

<u>PA UNIT</u>	
Output Power	25 watts nominal
Output impedance	100 volt line

Supplied By:

