

EX-PMR 2000

ecom has developed a professional handheld radio specifically for your daily work in hazardous areas. The Ex-PMR 2000 offers safe and reliable voice communication in daily operation and even in emergency situations. Communicate simply and without risk with your colleagues – at any time in all situations.

The Ex-PMR 2000 can be used in the Zones 1 and 2. This professional radio operates in two different frequency bands and is available in either the VHF 136-174 MHz or the UHF 400-470 MHz version. The radio's transmission power has been limited to 1.2 watts for safe working in potentially explosive areas and initiating calls even over large distances.

In addition, the Ex-PMR 2000 complies with IP 64 and therefore satisfies high industrial demands on ruggedness and reliability, particularly in hazardous areas.

CERTIFICATION

ATEX

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SCOPE OF SUPPLY

- Ex-PMR 2000 U/V
- Rechargeable battery Ex-AM PMR 2000
- Belt clip
- Operating instructions

Intrinsically safe professional **Mobile Radio** FOR ZONE 1

TECHNICAL DATA	
Frequency range	VHF 136-174 MHz, UHF 400-470 MHz
Number of channels	16
Channel spacing	12,5/20/25 kHz
Operating voltage	7,4 V
Ambient temperature	-20 °C ... +50 °C
Antenna impedance	50 Ohm
Protection rating	IP64
Dimensions (LxWxD)	150 x 60 x 40 mm
Weight	ca. 400 g
Battery	2,000 mAh, Lithium-Ion
Operating time	ca. 12 h (90% Standby 5% TX 5% RX)

The CTCSS and DCS pilot tone systems and the signalling modes with five-tone signals guarantee that communication is secure thus preventing interference from other radio communication.

The Ex-PMR 2000 is equipped with a variety of mechanisms to protect lone workers. The integrated position sensor enables the monitoring of angles and will in emergency situations trigger an automatic alarm (Lone worker). The functions for protecting lone workers as well as the emergency button also allow manual alarms to be triggered by workers in emergency situations.

All parameters for the Ex-PMR 2000 functions may be comfortably set on a PC using the corresponding software kit and can also be saved for programming several units. Thus minimizing work and ensuring that all radios harmonize with each other.






Ex-PMR 2000

RANGE OF FUNCTIONS







- 16 channels
- Programmable channel spacing
- CTCSS, DCS, 5-tone signalling
- Scan mode
- Adjustable squelch levels
- Transmission time limitation (TOT)
- Emergency alarm functions
- Lone worker protection with position sensor
- Dead-man's switch







BATTERIES / CHARGER / LEATHERCASE / HAND STRAP

Battery Ex-AM PMR 2000 (2000 mAh Li-Ion)	Charger Power adaptor and charger (UK oder EU)	Multi Docking Station MC PMR 2000	Leather case incl. carrying strap and belt loop (black)	Hand strap (black)
				
A0000282	AS000283	A0000285 EU A0000294 UK A0000295 US	A0000288	A0000298

HEADSETS

Microphone-/Remote speaker combination Ex-HS02	Ear Protection Headset Ex-TRA 300	Ear Protection Headset Ex-TRA 300 Available with helmet adaptor for popular safety helmets		
				
A0000286	A0000389	A0000406		
Neck band Headset Ex-TRA 300	Fire brigade headset Ex-TRA 300 Adaptor for almost every helmet available	Fire Talk Supra Ex-TRA 300		
				
A0000393	A0000397	A0000401		

GENERAL ACCESSORIES

VHF-Antenna (150-170 MHz) A0000278 (135-150 MHz, whip) A0000293	UHF-Antenna (420-450 MHz) A0000289 (450-470 MHz, long) A0000289	Cloning cable	Software Kit incl. data cable (attention serial plug needed)
			
		A0000296	A0000297

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