



Digital Mobile Radio

- » Adjustable power up to 45W
- » DMR Tier II Technology
- » License-free for additional functions
- » Luminous LCD Display;
- » Automatic Roaming
- » Compact and resistant
- » Available in VHF, UHF and UHF³

Product that speaks your language | Roaming | Cryptography | Warranty | Vocoder



PRODUTO QUE FALA SUA LINGUA



Roaming



Criptografia



2 anos GARANTIA



AMBE+2™ Vocoder

Intelbras is further expanding its radio communication through the RM 7000, a high power pure digital mobile radio, automatic roaming, private calling and other features to optimize group communication and improve productivity. The RM 7000 has the main features to meet the operational needs of industries, logistics, security and other areas that require instant communication, even between different sites, bringing agility to increasingly mobile teams and optimizing their resources.

Technical specifications

Frequency range	RM 7101 (VHF) 136~174 / RM 7301 (UHF) 350~400 / RM 7001 (UHF) 400~470 MHz
Adjustable Power	5W, 10W, 20W, 25W, 40W, 45W
Channel spacing	12,5 KHz
Channels	1024 Channels (64 zones of 16 channels)
Frequency Stability	±1,5ppm
Operating Temperature	-20 °C a +70 °C
Weight	1.65 Kg (radio + microphone + mounting bracket)
Antenna Impedance dimensions	50 Ω
Dimensions	175(W)* 175(D)* 63(H) mm
NCM	85.17.1290
Anatel	RM 7001: 01925-21-00160/ RM 7101: 03461-21-00160/ RM 7301: 03462-21-00160

Receiver

Digital Sensitivity	5% BER: 0,25 uV
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Intermodulation	60dB
Adjacent channel selectivity	55dB
Frequency response	+1/-3 dB
Audio power	3W
Audio distortion	3% (typical)
Conducted issue of spurs	-57dBm

Transmitter

Maximum Transmission Power:	RM 7001: 45W / RM 7101: 45W / RM 7301: 40W
Modulation Digital 4FSK	12.5KHz (data only): 7K60FXD 12.5KkHz (data and voice): 7K60FXE
Power in adjacent channel	≤ -60dB
Frequency response	+1/-3dB
Audio distortion	≤3%
Vocoder	AMBE +2™

Accessories



AMT 02 - Microphone with keyboard



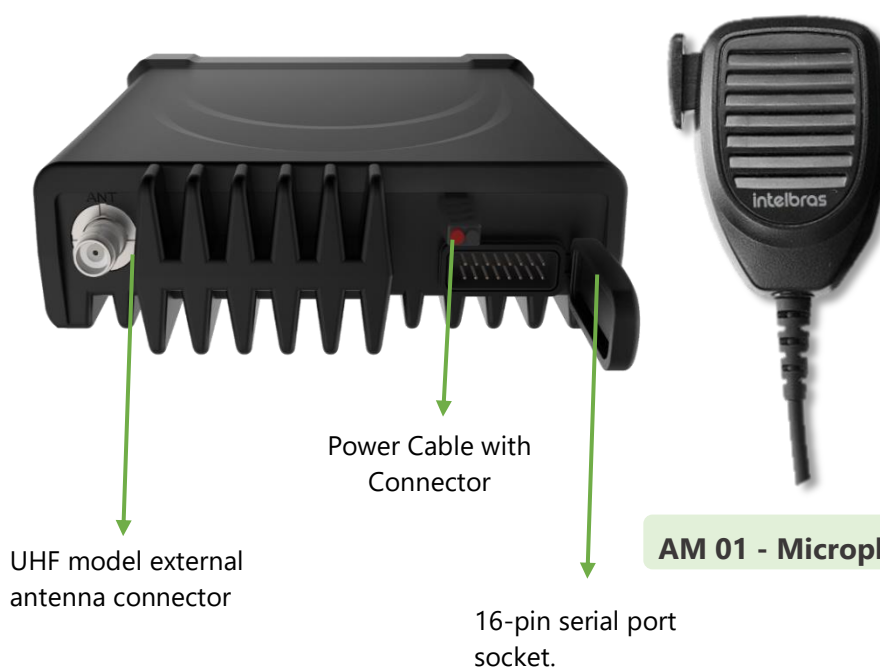
CP 7000 **RM** – Programming cable

Elements



Package content

- 1x RM 7000 mobile radio;
- 1x PTT with Microphone;
- 1x PTT Support;
- 2x PTT fixing screws;
- 1x Radio support;
- 2x Radio fixing screws;
- 2x Radio fixing washer;
- 1x Power cord with fuse.



Included Functions

- Cryptography
- Enable/Disable Radio
- Automatic roaming
- Remote Monitor
- Priority Call