

VHF/UHF/HF RADIO MODEM

RADIO COMMUNICATION AND DATA EXCHANGE SYSTEMS

MRM-1201



- Meets STANAG 4691 requirements, Mobile Ad Hoc Relay Line-Of-Site IP Networking (MARLIN)
- Executes VHF/UHF modem functions working in accordance with STANAG 4691 ANNEX B Mobile Ad Hoc Relay Line-Of-Site IP Networking (MARLIN)
- Executes HF modem functions in accordance with STANAG 4539, STANAG 4415, STANAG 4285, STANAG 4529, MIL-STD-188-110C p.5.3, Appendix C, Appendix F

The MRM-1201 (Multiband Radio Modem) meets the requirements of STANAG 4691 Mobile Ad Hoc Relay Line-Of-Site IP Networking (MARLIN).

The device executes VHF/UHF modem functions in accordance with STANAG 4691 ANNEX B Mobile Ad Hoc Relay Line-Of-Site IP Networking (MARLIN) and HF modem functions in accordance with STANAG 4539, STANAG 4415, STANAG 4285, STANAG 4529, MIL-STD-188-110C p.5.3, Appendix C, Appendix F).

The device transmission rate is from 50 bps up to 153.6 kbps.

The modem case is suitable for direct mounting on a 19" RACK.





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TECHNOLOGIES UNDER CONTROL



VHF/UHF/HF
RADIO MODEM

MRM-1201

GENERAL

Power Supply:	230V 50Hz
Power Consumption:	max. 50W

ENVIRONMENTAL SPECIFICATIONS

EMC Compatibility:	NO-06-A200 (KCE-02, KRE-02-01 KCS, KCS-06, KRS-02 requirements)
Operating Temperature:	0° to +45°C
Storage Temperature:	-10° to +55°C
Relative Humidity:	max. 95%
Data rate:	from 50 bps to 153.6 kilobits per second

AUDIO INTERFACE

Quantity:	2 pieces (600 Ω) BALANCED
Narrowband:	300Hz ÷ 3000Hz
Broadband:	30Hz ÷ 40KHz
Input level:	-20dBm ÷ +10dBm
Output level:	-20dBm ÷ +10dBm

DIMENSIONS

W×H×D in mm:	483×370×44
Weight in kg:	3.6

EQUIPPED WITH CONNECTORS

Fill gun USB master connector
USB slave remote control connector
2 audio connectors 30Hz – 40KHz
Ethernet RJ-45 (telnet, http) remote control connector
RS232 data connector
RS232 remote control connector
Service connector