

Manpack repeater for LMR
communication based
on Motorola SLR1000



AGENT-104M

Compact solution for creating
or expanding LMR networks where
stable, long-distance communication
is essential, even in challenging
environments.

01 **Automatic switching on**
of the range extender
when the power supply
module is turned on

02 **Front battery status**
indicator and USB
battery charger

03 **Supports functioning**
from an external power
source (without battery)

04 **USB Type A charging**
port (**5 V, 2 A**)

05 **Charging battery** in
the manpack or via
external chargers
or separately



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AGENT

The Agent-104M is a portable LMR repeater based on the Motorola SLR1000, engineered to expand radio coverage across vast or hard-to-reach areas, ensuring seamless communication. Supporting advanced modes like IP Site Connect (IPSC), single and multi-site Capacity Plus, and Capacity Max, the Agent-104M offers a versatile, high-performance solution for the most demanding communication needs.

Technical specifications

Frequency range, MHz	136 – 174	403 – 470
RF Output power, W	1 – 10	
Receiver sensitivity (5% BER), μ V	0,18	
Type of antenna connector	N (female)	
Miniplexer	compact 25 W	
Input voltage, V		
DC	10-32	
AC	180-240	
Current consumption, A		
standby mode	0,7	
RX and TX mode (10 W)	3	
Battery type	12 V 6 Ah, LiFePO4, removable	
Operating temperature, °C	-30...+60	
IP Rating	IP54	
Dimensions (main unit), mm	250×135×310	
Weight (main unit), kg	no more than 5.3 (depending on the duplex filter)	

Accessories

(formed on request)



Battery charger 220 Vac, EU cord



Battery 12 V, 6 Ah LiFePO4



Vehicular charger



Power supply and charger, 220 Vac



Lightning protection for Ethernet



Lightning protection device



Power cable (12 V) with battery clips



RF jumper, 5 m



VHF or UHF antennas



Backpack



Military



Public security



Emergency



Medical services