EMEA

MOTOTRBO MR7

Accessory guide



MOTOROLA SOLUTIONS

MOTOTRBO MR7

Accessories

1. MR7 brand new body
2. MR7 featured accessories
3. Key differences vs DM4000e
4. MR7 accessories catalogue



Brand new body

Built for the present, ready for the future



Ethernet port
Hand-off to external cellular or satellite modem when you exit radio tower range.



Enhanced view LED indicator
Visibility from nearly all angles.

Intuitive button layout
Quick access to settings and emergency button so focus stays on the road.

2.4” Display with smarter interface
1.1x larger text for a quick glance, not a stare.

Glove-friendly operation
Angled, glove-friendly keys drivers can feel and use entirely with muscle memory.

Backward compatibility with prior generation mounting hardware minimizes installation downtime.

New microphones

MOTOTRBO MR7

Hear the difference with AI-trained noise suppression

OFF ON

Click on the loudspeaker icons to hear the messages with AINS OFF or ON
(clips may take a few seconds to load)

MM730 IMPRES heavy-duty palm microphone

Description	Part Number
Help others hear you clearly in noisy environments. IP54 — Dust-protected and splash-resistant Compatible with AINS	**PMMN4180**



MM780 IMPRES keypad microphone

Description	Part Number
Enter text directly from the microphone. IP56 — Dust and water resistant Compatible with AINS For Colour Display configurations only. Check local availability.	**PMMN4181**



IMPRES visor microphone

Description	Part Number
Speak through a fixed visor-mounted microphone. IP56 — Dust and water resistant Compatible with AINS	**PMMN4182**



With MR7, these microphones support AI-trained noise suppression (AINS) to reduce background noise in transmitted audio, helping others hear you clearly.

Compatible legacy microphones

MOTOTRBO MR7

IMPRES palm microphone

Description	Part Number
Handle calls with a larger, heavy-duty, glove-friendly microphone. Supports AINS 	**RMN5053**

IMPRES keypad microphone

Description	Part Number
Access voice and text entry from the microphone. Not compatible with AINS For approved Colour Display configurations. 	**RMN5127**

IMPRES visor microphone

Description	Part Number
Keep voice input within reach at the visor. Not compatible with AINS Requires an external PTT accessory. For approved MR7 vehicle installations. 	**RMN5054**

Standard compact microphone

Description	Part Number
Handle calls with a compact microphone. Compatible with MR7. Does not support AINS. 	**RMN5052**

Wireless audio gear

MOTOTRBO MR7

WM500 wireless remote speaker microphone

Description	Part Number
Take voice communications outside the cab. Does not support AINS	**PMMN4127**



WP300 pod with clear-tube earpiece kit

Description	Part Number
Control discreet audio gear with a compact PTT pod. Does not support AINS	**PMLN8401**



EP900e wireless earpiece with PTT

Description	Part Number
Choose over-the-ear audio for noisy or private communications. Does not support AINS Planned for qualification with the UHF2 bandspin.	**PMLN8792**



Bluetooth-equipped MR7b/MR7r only.

Audio accessories | speakers

MOTOTRBO MR7

13W external speaker	7.5W external speaker	5W external speaker	External speaker extension cable	
Part Number	Part Number	Part Number	Description	Part Number
RSN4002	**RSN4003**	**RSN4004**	Position a compatible external speaker farther from the radio	**PMKN4119**

Bring received audio closer to you with an external speaker







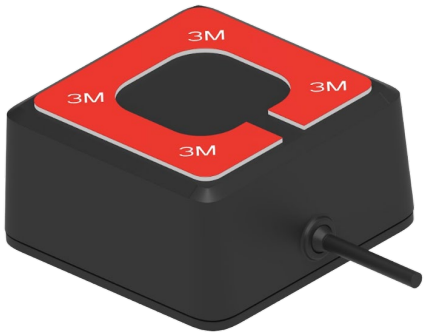


Antennas & GNSS

MOTOTRBO MR7

L1/L5 GNSS antenna — glass mount

Description	Part Number
Glass Mount GNSS Antenna supporting dual-frequency (L1/L5) satellite positioning. For MR7b and MR7r	**PMAN4012**



L1/L5 GNSS antenna — magnetic mount

Description	Part Number
Magnet Mount GNSS Antenna supporting dual-frequency (L1/L5) satellite positioning. For MR7b and MR7r	**PMAN4013**



Microphones & PTT

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Microphone hang-up clip

Description	Part Number
Keep the MR7 microphone in a fixed location between calls. Requires drilling for installation.	**HLN9073**



Universal microphone hang-up clip

Description	Part Number
Stow a compatible hand microphone in a fixed location between calls. Installs without drilling holes.	**HLN9414**



Telephone-style handset

Description	Part Number
A handset option held to the ear and mouth for voice communication.	**HMN4098**



Desktop microphone

Description	Part Number
A desk-positioned microphone for a mobile radio used as a control station.	**RMN5050**





Microphones & PTT

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Remote push-button PTT

Description	Part Number
Initiate push-to-talk with an external button.	**RLN5926**



Footswitch PTT

Description	Part Number
Initiate push-to-talk with a foot-operated switch.	**RLN4856**



Emergency footswitch

Description	Part Number
Activate a configured MR7 emergency function with a foot-operated switch.	**RLN5929**



Mounting & installation

MOTOTRBO MR7

DIN in-dash mounting kit

Description	Part Number
Fit MR7 into the dashboard. Requires a compatible dashboard opening. Includes the demount tool for MR7 removal. 	**PMLN9078**

Low-profile trunnion mount - boxed

Description	Part Number
Save space with a compact, low-profile MR7 installation. 	**RLN6466**

High-profile trunnion mount

Description	Part Number
Allow more room above the surface and adjust MR7's angle. 	**RLN6467**

Low-profile trunnion mount

Description	Part Number
Position MR7 close to the surface with a low-profile mounting bracket. 	**RLN6469**

Control Station

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Desktop tray without speaker

Description	Part Number
Hold the mobile radio in a fixed control station position for the MR7	**GLN7318**



Desktop tray with speaker

Description	Part Number
Incorporates speaker. Combines MR7 desktop placement with external receive-audio support	**RSN4005**







DM4000e		MR7
Conventional, IP Site Connect, Capacity Plus, Capacity Max	Systems Supported	Conventional, IP Site Connect, Capacity Plus, Capacity Max
No RJ45 Connector	Connectivity	MR7r: RJ45 for external router
Colour Screen	Display	Colour or numeric
Legacy LED Indicator	LED Indicator	Placement for better visibility
Legacy Button Layout	Button Layout	Ergonomic Button Layout
Legacy button experience	Button Experience	Improved tactility and comfort
Programmable button	Emergency button	Dedicated orange button
SINC+, Enhanced audio	Noise suppression	SINC+, AINS levels 1 & 2
Default: 101 phons Programmable: 106 phons	Maximum loudness	Default: 102 phons Programmable: 112 phons
GNSS (L1 only)	Location Services	L1/L5 GNSS, Galileo, SBAS
~-121 dBm	Receiver Sensitivity	~-122.5 dBm
2.4 GHz WPA/WPA2	Wi-Fi	2.4/5 GHz, WPA3
4.0	Bluetooth	5.2
Non-Secure Boot	Cyber Security	Secure Boot
None	Audio Recording/Playback	Last 5 received voice calls


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