



MTR138-00GNW

Mission Transceiver Remote

Rugged remote-mount radio solution for special-role and multi-mission platforms.

Highlights

- **Easily** integrated for tactical roles, upgrades, or obsolescence management
- **Suitable** replacement for legacy VHF remote-mount radios
- **Integration** ability with glass cockpit applications

Covers VHF-FM
frequency band from
138MHz to 174MHz



128 channels,
including 2
programmable guard
receiver channels

12.5kHz/25kHz channel
bandwidths, selectable per
channel

MTR138-000GNW Features

MTR138-000GNW features an agile 10W main transceiver and a synthesized guard receiver, and was developed in consultation with emergency response agencies and aircraft manufacturers to produce a versatile and reliable special-mission radio.

This flexible radio solution boasts the most up-to-date advancements in analog radio technology in a lightweight, compact, and economical package. MTR138-000GNW is easily integrated for tactical roles, upgrades, or obsolescence management.

- A narrowband/wideband remote-mount transceiver
- Synthesized guard receiver
- High (10W) & Low (1W) output power
- Scanning modes (List, Priority, and List+Priority)
- Transceiver control handled through an RS-422 interface bus and discrete signals
- Provides sub-audible signaling, (CTCSS/CDCSS) capability with standard and extended tone encoding and decoding
- Tested to TIA-603-E
- DO-160G qualified

Specifications

MECHANICAL SPECS

Height	4.80" [121.9 mm] (MAX)
Width:	2.30" [58.4 mm] (MAX)
Length:	9.70" [246.4 mm] (MAX)
Weight:	4.3 lb [1.95 kg] (MAX)

For more details, please email:
products@aem-corp.com
and see Installation & Operation
manuals on our website:
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*LEADING
BY DESIGN*