



MTP136D

Mission Transceiver Panel

A modern panel-mount radio for special-role and multi-mission platforms.



Highlights

- Intuitive panel-mount transceiver with menu control and front-panel programming
- Provides sub-audible signaling, (CTCSS/CDCSS) capability, with standard and extended tone encoding and decoding
- STCs available for most common Airbus and Bell aircraft

Supports 40 zones and 5000 channels



UNITED STATES FOREST SERVICE APPROVED

Plug-and-play replacement for existing legacy radios



Simple and intuitive programming with USB-C profile loading

Large NVIS-compatible screen comes standard on all radios

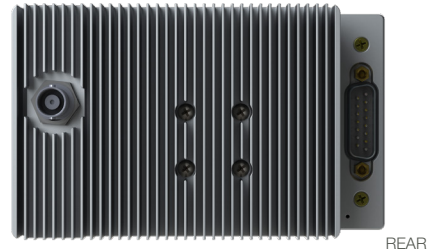
MTP136D Features

Designed with aerial firefighters in mind, the MTP136D is fully approved by the United States Forest Service (USFS) and Department of Interior (DOI) for use by all federally regulated firefighting agencies and personnel. The MTP136D is a Project 25 Phase 1 compliant VHF FM radio solution for digital and analog communication on all channels across the 136MHz to 174MHz frequency band.

The MTP136D features a large NVIS-compatible screen displaying all channel and operational information, and was developed in consultation with tactical aerial firefighting agencies.

This best-in-class panel-mount airborne solution boasts a robust design to ensure high performance in demanding firefighting environments. The MTP136D is easily integrated for tactical systems, upgrades, and a plug-and-play replacement for existing legacy radios.

- Agile P25 capable guard receiver
- High (10W) & Low (1W) output power
- User adjustable receive sensitivity, for adoption into complex RF signal spaces
- Main and guard are multiplexed onto a single BNC antenna connection, requiring only one antenna
- 12.5kHz channel bandwidths with 25kHz bandwidth capable
- Customizable CTCSS/CDCSS Lists per Zone
- Tested to TIA-603-E, TIA-102
- DO-160G qualified



Specifications

MECHANICAL SPECS

Height:	3.0" [76.2 mm] (MAX)
Depth (behind panel):	7.14" [181.2 mm] (MAX)
Depth (behind panel with connectors):	7.51" [190.8 mm] (MAX)
Width (behind panel):	4.93" [125.1 mm] (MAX)
Width (front panel):	5.75" [146.1 mm] (MAX)
Weight*:	3.3 lb [1.50 kg] (MAX)

*WITH TWO MODULES

FREQUENCIES

VHF: 136-174MHz

Supports P25 Phase 1 Conventional and 12.5kHz with 25kHz capable analog modes of operation

CERTIFICATION

TCCA STC SH24-21	AS350B, BA, B1, B2, B3, C, D, D1; Bell 206, A, A-1, B, B-1, L, L-1, L-3, L-4, 407
FAA STC SR121461B	AS350, BA, B1, B2, B3, C, D, D1
TCCA STC SH25-17	204B, 205A, 205A-1, 205B, 210, 212, 412, 412CF, 412EP

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

**LEADING
BY DESIGN**