



MTP136D

Mission Transceiver Panel

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



VISIT
PRODUCT
WEBPAGE

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

The image shows the AEM MTP136D Mission Transceiver Panel, a black panel-mount radio. It features a large monochrome display showing frequency and channel information. The panel includes various controls: a MAIN VOL knob, an OFF button, RCL and MON buttons, MAIN and HI LO buttons, a GUARD VOL knob, and a MIN button. On the right side, there is a numeric keypad (1-9, *, 0), a MENU button, and a DATA button. A 'PUSH ENTER' button is located at the top right. A green checkmark icon and a 'UNITED STATES FOREST SERVICE APPROVED' badge are positioned above the keypad. Five callout boxes highlight key features:

- Supports 250 zones and 5000 channels**: Points to the top of the display.
- Plug-and-play replacement for existing legacy radios**: Points to the left side of the panel.
- Large NVIS-compatible screen comes standard on all radios**: Points to the display screen.
- Simple and intuitive programming with USB-C profile loading**: Points to the DATA button.
- UNITED STATES FOREST SERVICE APPROVED**: A badge with a green checkmark icon.

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



REAR

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 SR12146IB	AS350, BA, B1, B2, B3, C, D, D1
TCCA STC SH25-17	204B, 205A, 205A-1, 205B, 210, 212, 412, 412CF, 412EP
FAA STC SR12427IB	204B, 205A, 205A-1, 205B, 210, 212, 412, 412CF, 412EP

For more details, please email:
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and see Installation & Operation
manuals on our website:
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*LEADING
BY DESIGN*