

COCKPIT VOICE AND MESSAGING INTERFACE

The Mission Management Unit II (MMU-II)

Cockpit Voice and Messaging Control Interface for Satellite Transceivers

The Mission Management Unit is a panel-mounted cockpit controller designed to manage voice calls and text messaging. Featuring a 2-line, 32-character alphanumeric display, rotary pushbutton knob, and 12-button keypad, the unit provides intuitive control of satellite dialing and messaging functions.

When integrated with compatible satcom terminals, the MMU-II enables seamless cockpit SATCOM. In addition to standard voice telephony, Iridium Push-to-Talk (PTT) supports up to 15 talkgroups. The message function supports both pre-configured and user-editable message sets.

The Mission Management Unit is a great way to communicate up-to-date information while in flight.



DISCOVER SKYTRAC

With 40 years of experience, SKYTRAC has become the partner of choice for data-guided business insights. As an Iridium Aviation Partner, SKYTRAC is well-positioned to leverage the Iridium network to provide operators with leading capabilities.

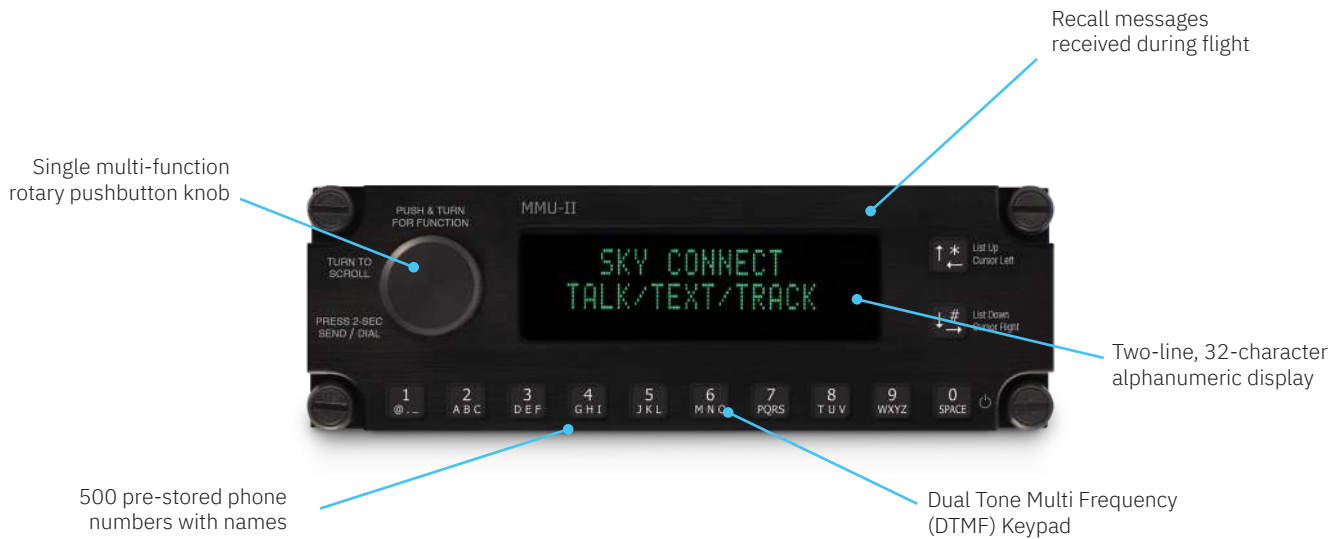
SATCOM EXPERTISE	40 Years
SKYTRAC CUSTOMERS	800+ Customers
SYSTEMS CERTIFIED	900+ Airframes
GLOBAL PRESENCE	7 Continents / 100 Countries

CAPABILITIES

-  Programmable Speed Keys for Speed Dial
-  Two-Way Text Messaging
-  Full DTMF Telephone Keypad
-  NVIS Capability
-  Custom Message Set Configuration (MSET)
-  High Capacity Directory
-  Real-Time System Status Monitoring
-  Iridium Push-to-Talk

MISSION MANAGEMENT UNIT II DATA SHEET

Cockpit Dialing and Messaging Interface



PRODUCT SPECIFICATIONS

POWER REQUIREMENTS

10-32 VDC @ 100 mA max

DIMENSIONS

14.4 cm x 4.8 cm x 12.7 cm (L x W x H)
(5.7" x 1.9" x 5")

ENVIRONMENTAL QUALIFICATIONS

DO-160 Revision E

COMMUNICATION PROTOCOL

RS-232

MOUNTING

DZUS-Rail

WEIGHT

0.3 kg (0.8 lbs)

CONNECTORS

2 x DB-25 male

MEMORY

High capacity directory with name and number included

PROGRAMMED DIALING

99 16-digit phone numbers with 16-character name

PROGRAMMABLE TEXT MODES

99 customized and grouped messages

DISPLAY

Dimmable 2-line, 32-character alphanumeric

PRODUCT CAPABILITIES

- Designed for seamless integration with compatible Sky Connect transceivers
- Supports both RS-232 and POTS interfaces for flexible installation
- FAA and EASA approved
- Lightweight, panel-mounted form factor with DZUS rail installation
- Provides discrete outputs for annunciation and system indication
- Backlit elastomeric keypad and a push/turn multifunction mode controller
- Supports remote configuration and optional Night Vision Goggle/Night Vision Imaging System (NVIS) compatibility