

SKY CONNECT MMU-II™

Mission Management Unit

Sky Connect



Secure Flight Deck Communications

In today's volatile environment, the utility of having a telephone on the flight deck cannot be understated. One-to-one, secure communications enables access to people and resources which can't be obtained through other means.

The new MMU-II integrated dialer and text messaging terminal from Sky Connect, provides access to the best features of the Iridium satellite network on any flight deck of any type of aircraft, from airliners to helicopters.

Building on the successful original MMU, the MMU-II adds the flexibility of a full DTMF dial pad. Working in unison with the unique MMU rotary controller, the dialpad can be used to enter phone numbers, text messages, and mini-flight plan data.

The MMU-II storage capacity is huge, for pre-programming grouped sets of telephone numbers and specialized custom text messages and mini-forms. This lowers pilot workload by reducing the keystrokes needed to conduct routine communications between the aircraft and fleet dispatch centers.

- Stores numbers with names
- Full standard DTMF dial pad
- Two-way text messaging
- User-defined stored messages
- WiFi-ready for virtual MMU
- Multiple MMU-IIs supported
- Up to 8 discrete inputs
- NVG/NVIS filter options

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Mission Management Unit

Mission Management Unit (MMU)	Specifications
Weight	0.8 lb (0.3 kg)
Dimension	5.7 x 5.0 x 1.9 in.
Depth Behind Panel	6.5 in.
Mode Controller	Rotary switch with momentary press
Backlighted Keypad	Standard dialing w/in-call DTMF & text input
Preprogrammed Dialing	>500 16-digit phone numbers with 16-char name
Programmable Text Modes	>1000 customized & grouped messages
Power	10-32 VDC @ 100ma max
Mount	DZUS rail
Connectors	DB-25 male



Sky Connect Transceiver	Specifications
Regulatory Compliance	DO-160D
Initial Part 25 STC	Cessna 525 (CJ2)
Temperature Range	Section 4 Cat D2 -50 °C to +55 °C
Altitude Range	Section 4 Cat D2 50,000 ft
Vibration	Section 8 Cat R
Temperature Variation	Section 5 Cat C
Power Input	Section 16 Cat B
DC Spike	Section 17 Cat B
Conduction Emissions	Section 21 Cat B
Radiated Emissions	Section 21 Cat B
Weight, including Tray	3.1 lb (1.4 kg)
...with TRACKER	3.3 lb (1.5 kg)
...with Internal GPS	3.4 lb (1.5 kg)
Dimensions	10.25 x 4.6 x 2.7 in. (26.0 x 11.7 x 6.9 cm)
...in Tray	10.75 x 5.0 x 2.9 in. (27.3 x 12.7 x 7.4 cm)
Power Requirements	11-32 VDC <1 amp @ 28 VDC
Transmit Power	1.5 Watt (avg)
Transmission Rate	2.4 Kbps, voice and data (10 Kbps compressed)
Operating Frequency	1.616-1.6265 GHz
Inputs/Outputs	POTS/Voice Audio, RS-232, DPL, DC level
Connectors	TNC-Iridium, BNC-GPS 62-pin high-density D-sub
Quick Release Tray	Aluminum, 4-#6 holes 10.75 x 2.9 x 0.75 in. (27.3 x 7.4 x 1.9 cm)



TSO Iridium Antenna	Specifications
TSO	C144
Dimensions	3.5 in. dia x 0.8 in. high (8.9 cm high x 2.0 cm high)
Weight	0.5 lb (0.2 kg)
Connector	TNC female



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NOTE: Official certification information provided at time of purchase. Specifications are subject to change without notice, are listed here for general reference only, and must not be used for installation guidance.