



The Multi Exchange Unit MXU

*for the Iridium®
Communications
System*

MXU2000R

IRIDIUM



IDL CORP.

BUILDING YOUR VIRTUAL PRIVATE SATELLITE NETWORK

The MXU is a four line communications interface between the Iridium Satellite network and PBXs or PSTN systems. With the MXU, you have access through the Iridium system to users with traditional phone service, wireless service or Iridium service.

The MXU permits users to bypass the local PSTN and communicate directly to any Iridium satellite unit. The MXU handles up to four calls (inbound and/or outbound) simultaneously. The MXU's excellent echo cancellation results in superior voice quality. The MXU supports internet and dial-up data calls.

With the MXU, you will never be out of touch again!

MXU2000R

GLOBAL IRIIDIUM PLATFORM



GLOBAL PLATFORM FOR:

- Connecting through the Iridium Satellite network to users with traditional phone service, wireless service or Iridium Service.
- Connecting a PBX to groups of users in fixed or isolated locations such as buildings, hotels, islands, villages, construction sites, oil & gas fields or mines.
- Providing backup or emergency systems as an alternate form of communications.
- Replacing PSTN lines that are faulty or do not exist.
- Collecting information, monitoring and controlling assets in remote or hazardous areas.

VOICE FEATURES

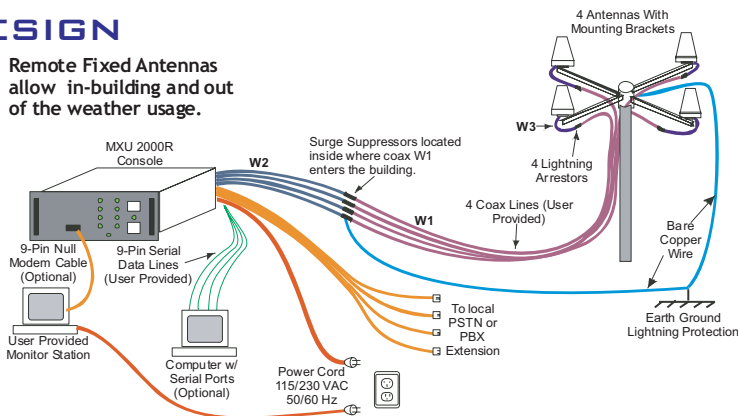
- Provides four (4) channels for inbound and/or outbound calls to the Iridium constellation that can be used simultaneously.
- Using a single voice number for all four lines, the MXU supports inbound "rotary" answering. Calls come in on the first available channel.
- Excellent Echo Cancellation provides superior voice quality.
- Simplified connectivity to a wide array of PBX and PSTN systems.

DATA FEATURES

- Separate Iridium Data number provides up to 2.4KB per channel data transfer rate via RS-232 ports through standard dial-up.
- Uses standard Hayes AT command set.
- Supports Iridium Direct Internet with an effective throughput of up to 9.6KB.
- Can dial or accept data calls to/from any land or Iridium modem.
- Data Services independent of local phone carrier can reduce costs of International and Iridium calls.

DESIGN

Remote Fixed Antennas allow in-building and out of the weather usage.



Standard Product includes four (4) channel MXU console, four (4) antennas, RF connection kit, telephone cables, installation and user's manuals.

SPECIFICATIONS

Dimensions:	Rack: 19.0" W x 20.0" L x 7.0" H 48.3cm W x 50.8cm L x 17.8cm H
Weight:	25lbs / 11.33kg (Unit Only)
Operating Temperature:	32°F (0°C) to 113°F (45°C)
Storage Temperature:	-4°F (-20°C) to 140°F (60°C)
Humidity:	80% Relative Humidity at 104°F (40°C)
Power:	115/230 VAC, 50/60 Hz 115 Watts
Interface to PBX/PSTN:	MXU complies w/CRT21 (Europe); FCC part 68 (USA)
Operating (transmit and receive):	1616 - 1625.5 Mhz
Link Margin (w/exterior antenna):	12.5 dB average
Performance	See L-Band transceiver specs.
Minimum distance between antennas:	3ft. / .9144m
Maximum loss between MXU / antennas:	3 dB Loss

Visit our website at www.idl-corp.com

IDL Corp is an Iridium Global Service Provider and Iridium Value Added Manufacturer. IDL Corp specializes in providing Iridium based communications solutions to government and private sector clients worldwide.

Headquartered in Dallas, Texas USA, IDL's satellite communications specialists assist clients in developing and implementing Iridium voice and data systems.

For more information or a demonstration, please call us! We can help you decide if the MXU2000R is right for you and how it can be integrated into your environment.

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