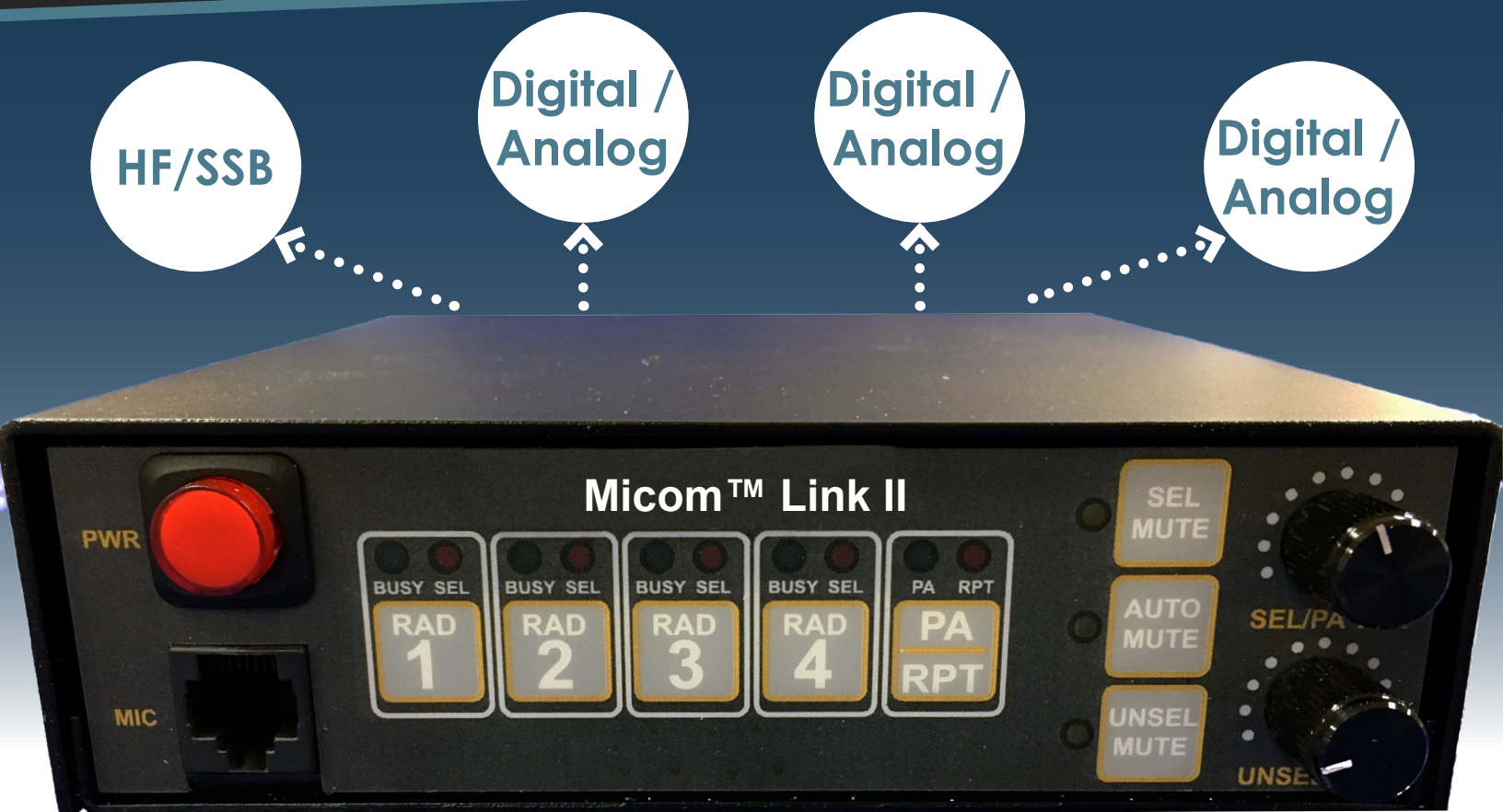


Micom™ Link II



The Micom™ Link II is a new generation of multi-crosspatch with capabilities for different users of VHF or UHF. The crosspatch is capable of analog and/or digital radios with HF/SSB.

- The Micom™ Link II allows a microphone to transmit on radios as well as simulcast on 2, 3, or 4 radios, while in repeater (RPT) mode. The operator can deselect the appropriate radio to transmit exclusively on a selected radio.
- May also be configured for VOX or COR operation for each individual radio. The VOX circuit has a two second hang time to prevent premature dropping of the PTT when the audio drops
- On VHF/UHF networks with the Micom™ Link II we can activate (ON) and Deactivate (OFF) the crosspatch by a specific DTMF sequence sent by a station on the VHF/UHF network without the need of an operator.
- When the networks are linked, incoming audio from the HF network is broadcast on the VHF/UHF network and vice versa.

Specifications

General Specifications

Dimensions	1.8"H x 6.4"W x 7.1"D 4.6cm x 16.3cm x 18.0cm
Weight	2.0 LB (0.91KG)
Temp Range	0° to +50° C
Memory Protection	Radio Selection Switches preserved in non-volatile memory
Power Requirements	9 to 16 VDC @ 2A typical
Audio Output Power	Selected & Unselected: 2W @ 8Ω 4W @ 4Ω PA: 8W @ 8Ω 16W @ 4Ω
Automatic Mute Function	Mutes external equipment when microphone is keyed or when received signals present (user selectable)

Front Panel

Power On/Of	Pushbutton Switch with Red LED Indicator
Radio Select (RAD1 - RAD4)	Momentary pushbutton switch with green LED "Busy" Indicator and red LED "Selected Indicator"
PA/RPT Select	Momentary pushbutton switch with green LED "PA" indicator and red "RPT" indicator
Selected Audio Mute	Momentary pushbutton switch with yellow LED indicator
Automatic Mute	Momentary pushbutton switch with yellow LED indicator
Unselected Audio Mute	Momentary pushbutton switch with yellow LED indicator
Selected Audio Volume	Volume Control - also controls PA volume when in PA mode
Unselected Audio Volume	Volume Control

Rear Panel Connections

Radio Interface Connectors (1-4)	RJ-45 Modular Jack
Expansion	13 pin DIN Jack
Microphone	RJ-45 Modular Jack
External Mute	RCA Phono Jack
Speakers	AMP/Tyco MATE-N-LOK 6 pin receptacle
DC Power	Six inch pigtail terminated in an Anderson PowerPole pp-15 connector



Hookswitch

Radio Connector Pin #	7
Signal Levels	Hookswitch Input Resistance to Ground: On-Hook: < 1KΩ Off-Hook: > 5KΩ Output Switching Resistance to Ground: On: < 10Ω Off: > 1MΩ Max Load Imposed by Radio: Off Voltage: < 60V On Current : > 200mA
Microphone Pin #	Selectable 1 - 8