

ACU-M™ Console

Simple. Affordable. Mission Critical Interoperability.



JPS Interoperability Solutions

The ACU-M can be used as an easy console for shopping centers, sports venues, factories, education, manufacturing, energy and healthcare facilities. The ACU-M provides the functionality and reliability of the proven ACU technology in a compact design. Weighing less than 3 pounds, the ACU-M can be deployed anywhere and its affordable price makes it ideal for any requirement.



ACU-M Overview

Competent interoperability with a simple console interface is a key component of incident preparedness and situation management. And when you're in the field during a crisis, what you care about most are speed, simplicity, and reliability. The answer is our ACU-M. The devices interfaced to the ACU-M can be interconnected in any combination - from three independent nets, to a single net with all users connected together. These nets can offer unsurpassed local and wide area interoperability by directly connecting or networking PTT Satellite Terminals, and 800Mhz phones, and radios in the HF, VHF, UHF, P25, Tetra, DMR, and military bands.

Benefits

- Any combination of cross-connections possible between four radio ports, local handset, and optional VoIP ports
- Top panel pushbuttons control these connections and display gives quick status of connections as well as that of connected devices (COR, PTT, audio signal level, and network link active)
- Quick configuration via top panel using stored radio templates for hundreds of common radio models
- Versatile, portable, and affordable
- Inclusion in a Wide Area Interoperability System (WAIS) enabled by VoIP option
- Pelican case option allows power by vehicle 12 volts and includes battery, charger, and storage slots
- Remotely upgradeable via Ethernet port
- Easy installation in vehicle or equipment rack using the snap in bracket provided with each unit



ACU-M™

Mission Critical Interoperability

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A compact, easily portable and quickly deployable interoperability gateway, the ACU-M is feature-rich, simple to use and can be networked and managed remotely. Its intuitive interface enables sure operation and provides field diagnostics and programming capabilities. The ACU-M incorporates the features of our proven ACU technology in a smaller package ideal for mission critical deployment. With its comprehensive suite of DSP functions, the ACU-M offers significantly higher functionality than any of its competitive counterparts at a price that fits any budget. The ACU-M offers maximum portability, helping to quickly establish command and control in various field applications. Small enough to be easily transported, robust enough to compliment any communications suite, the ACU-M is the new standard for mission critical interoperability.

Networked ACU-M

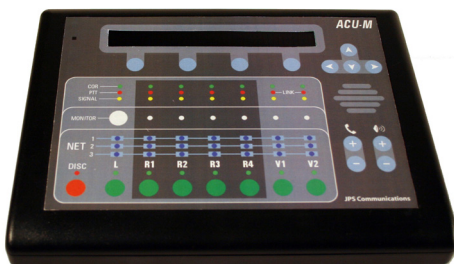
The ACU-M Network Option provides a pair of RoIP (Radio over IP) channels that allow remote radios to be interfaced to the unit via JPS NXU-2A devices, or allow the ACU-M to be included in a WAIS (Wide Area Interoperability System). A WAIS can include any number of operators and communications end points (radios, phones, etc.) interfaced via ACU-Ms and other ACU devices, all networked together. The RoIP channels can be purchased upfront or electronically upgraded later. The RoIP channels are accessed via the ACU-M Ethernet port. This port is active whether or not the Network Option's RoIP channels have been activated, and is always available for monitor and control via the ACU Controller software that is provided with each ACU-M.

Transportable Case Option

A very handy option is available that bundles the ACU-M bundled with four radio interface cables and the RoIP network option, all installed in a rugged foamed lined carrying case with rechargeable battery. This option maximizes ACU-M functionality and ease-of-use while minimizing set up time, a crucial equipment when responding to disasters or other incidents that require interoperable communications.

Solution Summary

- Interconnects 4 audio devices; 2 VoIP channels; and local operator
- Cross-connections between devices controlled by top panel pushbuttons or ACU Controller software
- LEDs provide connection status and diagnostics for each port
- Compatible with existing ACU cables
- Can interconnect radios in any band including HF, VHF, UHF, P25, 800Mhz
- Internal pre-configured radio template library for all supported devices
- Water-resistant top panel with integrated pushbuttons and displays provides full local control and configuration capability
- Local monitor functionality
- Voice prompts indicate changes in connection status
- Upgradeable system software via network connection
- Control & connection to a WAIS using the WAIS Controller (requires networked version)
- External audio connectors for a variety of handset and headset support
- Optionally available with Desk Mic option



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