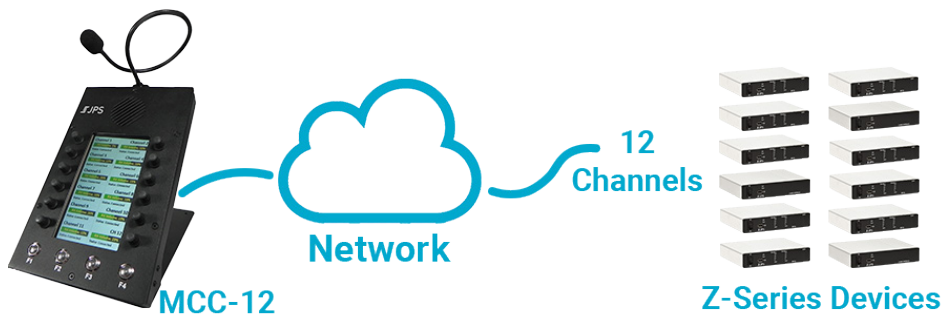# MCC-12

MULTI-CHANNEL CONSOLE
WITH PUSH-TO-TALK CAPABILITY

JPS

OVERVIEW

MCC-12 Consoles are versatile desktop microphones that provide remote audio access to JPS systems. Each of the 12 MCC PTT buttons is individually selectable and links easily to its corrresponding resource on a Z-Series device. Connecting across an IP network makes it straightforward to integrate audio from any of the 12 MCC channels as a dispatch source or into interoperability nets/patches on a Z-Series device. For added security, the encrypted JPS Bridge protocol (AES-256) is available.

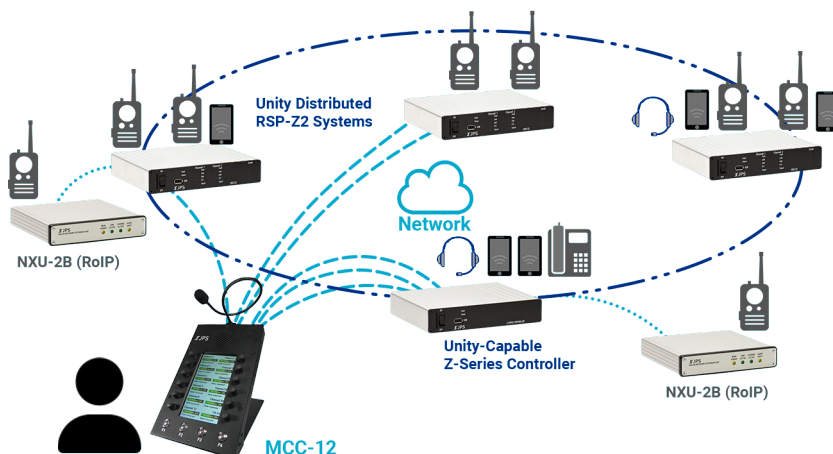**MCC-12** **Network** **12 Channels** **Z-Series Devices**

KEY BENEFITS

+ Desktop access to radio channels, push-to-talk over cellular users, other dispatchers, SIP phones, and more

+ Low-cost, simple-to-use functionality with up to 12 individual channels

+ Dedicated PTT button and volume control for each channel

+ Dispatch for remote audio resources through an ACU-Z1 or Z-Series Controller

+ AES-256 Encrypted JPS Bridge capability for use with Z-Series devices

+ Large LCD display for date, PTT status, channel info, etc.

+ Selectable hands-free operation

+ Microphone, handset, headset, and footswitch options

APPLICATIONS

Turn any networked location into a mobile command or dispatch endpoint. Use the Z-Series interface to drag and drop MCC Console resources into and out of interoperability nets to make and break audio patches, or to use the Z-Series monitoring capability. On the ACU-Z1 or the Z-Series Controller, both of which have a dedicated dispatch area in the user interface, assign any MCC Console endpoint (PTT button) for light dispatch.

The MCC Console does not need to be co-located with any of the Z-Series devices it is linking to. Such versatility expands the overall practical reach and reliability of the entire communications system.

MCC-8

The MCC-8 provides all the functionality as the MCC-12 in a slightly smaller package and four fewer PTT channel buttons. Both units have rugged PTT knobs, powder-coated steel construction, and a large full-color graphic display. Their transportable, compact form factor can be desktop or wall mounted, and accessories like headsets extend the versatility.

MCC CONSOLE & JPS UNITY

JPS Unity is a capability built into the Z-Series Controller and RSP-Z2 to create and manage distributed systems. The features it provides are many, but Unity's primary goals are to create one system from many, reduce latency, and avoid a single point of failure.

While MCC Consoles do not support Unity directly, they do work cleanly with Z-Series devices. Each PTT button on the MCC Console represents an individual audio connection. Those connections are patched in the Z-Series device to enable links to anything else in the Unity system.

MCC Consoles work in tandem with JPS Unity systems by connecting directly to a specific Z-Series Controller or RSP-Z2. The MCC Console operator or dispatcher simply pushes a PTT button on the console to connect to a Z-Series system. If there is ever a problem with the MCC's connection to a Z-Series device - for example, due to a network - the operator can identify and resolve it promptly.

OPTIONS AND ACCESSORIES

Selectable hands-free operation, or handset, headset, or footswitch options provide further customization.

AES-256 Audio Encryption for use with Z-Series devices.

Additional options or form factors may be available. Contact JPS for further information.

Headset, Foot Pedal, Handset Options

STANDARD OPTIONS

Size and Weight
MCC-12: 11.4"H x 7.0"W x 1.6"D (290 x 178 x 41 mm), 7.7 lbs (3.5 kg)
MCC-8: 10.0"H x 6.0"W x 1.6"D (254 x 152 x 41 mm), 5.5lbs (2.5kg)
(Gooseneck Microphone): 12"H (305 mm)

Audio Vocoders
G.711μ/A (64 Kbps)
For use with SIP: G.729 (20 Kbps), Speex (4-15 Kbps)

Network Interface
100BASE-T Full Duplex, RJ-45

Input Power
5VDC, 6A, External Power Supply

v1.0