FEDERAL SIGNAL



Model UVRI-B

UltraVoice® Indoor Remote Interface Controller

The UltraVoice® Remote Interface Controller, Model UVRI-B, establishes a communication link between an isolated location and the Federal Signal's Commander® Software, creating a fully integrated indoor and outdoor mass notification system. UVRI-B's primary application is to provide a communication bridge, allowing public safety officials to expand their alerting and notification capabilities. The UVRI-B can interface with an individual building's fire alarm panel and is designed to provide remote control status and monitoring. The UVRI-B is a direct indoor replacement for the UVRI.

Model UVRI-B can be equipped with a high-capacity digital voice storage device for simple and/or complex voice messages. When paired with Federal Signal's Commander Software control system, UVRI-B offers the unique capability for a remote operator to record and broadcast urgent message notifications or to activate VoIP communications. When local control and activations are required, the UVRI-B provides an easy-to-use local user interface with button control for eight functions and a local microphone input for live voice announcements.

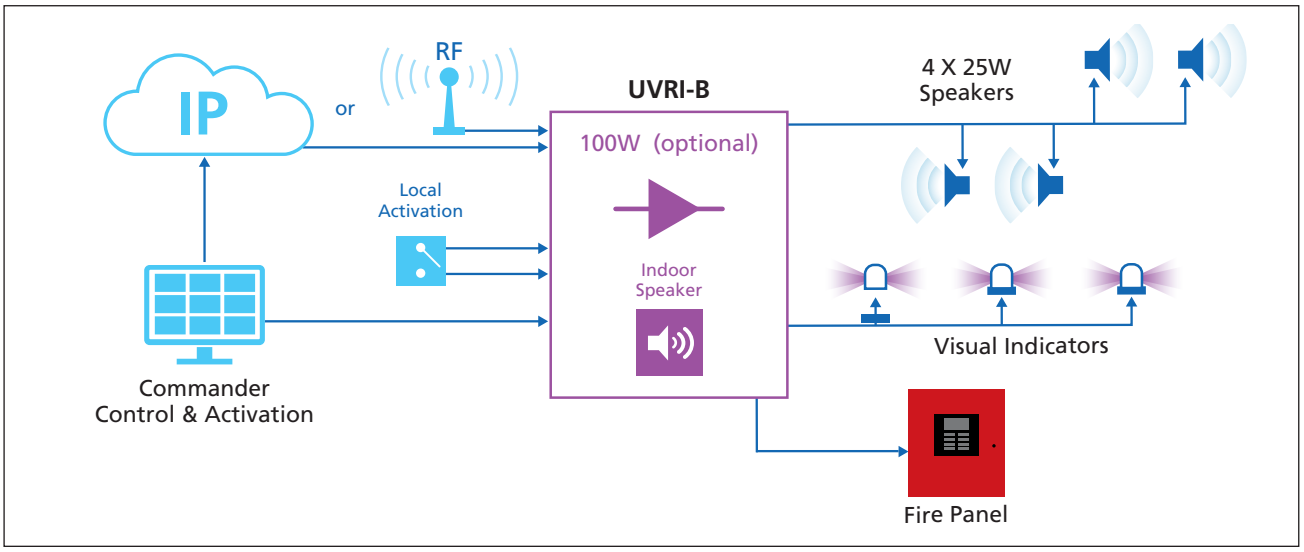
The UVRI-B has an IP interface that allows for simple high-speed two-way control and activation. Additionally, the UVRI-B can be equipped with two-way VHF/UHF radios, such as transceivers, for wireless communication to the Commander Software. The UVRI-B also supports cellular communication and utilizes secure digital data transfer methods via 128/256-bit encryption to ensure no malicious or accidental operation of the system. Status monitoring provides information on the following conditions: AC power, battery voltage, enclosure intrusion, charger, local activation, and remote system operation. It can also be configured to support Ambient Noise Monitoring by utilizing an external microphone for noise level detection.

The UVRI-B provides system maintenance improvements, an integrated IP interface, ambient noise level detection for automatic sound level adjustment, integrated 12 Vdc charger, simplified wiring, integrated speaker, and an optional 100-watt amplifier. The speaker line is supervised when using distributed speakers.

FEATURES

- Indoor use
- Flexible communications, IP standard/radio or cellular optional
- 12 Vdc and120/240 Vac operation with 12 Vdc battery back up
- Seven factory installed siren tones
- Removable SD card for local storage of voice/tone messages
- Capable of storing over 4000 voice/tone messages
- Built-in IP interface with downloadable voice and tone messages
- Built-in 2-watt amplifier and speaker
- Optional 100-watt amplifier
- Relay outputs for control of external devices, for example visual, door locks
- Eight inputs for activation of announcement alerts or alarms
- Audio out for public address interface
- Fire alarm panel interface
- Self-diagnostics with reporting for major system components
- Secure 128- and 256-bit encryption options
- Local microphone access
- Can be configured for ambient noise monitoring with an external microphone
- UL and cUL listed
- CSFM approved

UltraVoice® Remote Interface Controller (UVRI-B)



SPECIFICATIONS

Operating Temperature[1]:	-22° to +150°F (-30° to + 65°C)
Humidity:	0-98% non-condensing
Input Voltage (nominal):	120/240 Vac
Current:	See product manual
Battery Voltage:	14 Vdc, 13.7 V (nom.)
Battery Current:	< 260 mA standby current < 300 mA during a function < 7 A during radio transmit
Audio output UVRI-B board (Q20000253):	10/25 Vrms
Audio output optional amplifier (Q20000324):	25 Vrms
Relays 1-4:	30 Vdc/240 Vac 8 A Max

Small size with rugged construction:
20.4 x 16.3 x 6.6 in (517 x 414 x 168 mm)

UVRI-B (Weight without radio)[2]

Net Weight:	41.4 lb (18.8 kg)
Net Shipping Weight	45.4 lb (20.6 kg)

Note: [1]UVRI-B can be configured for 24 Vdc operation. Contact factory for detail.

[2]See the product manual for additional model UVRI-B shipping weights.

HOW TO ORDER

Contact our Federal Signal Sales Engineers to design a system that meets your specific requirements.

Description	Part Number
Remote Interface unit, IP Enabled with Battery Back-up	**UVRI-B**
Remote Interface unit, IP Enabled with Battery Back-up and 100-watt Amplifier	**UVRI-B100**
Remote Interface with VHF Radio	**UVRI-BH**
Remote Interface with VHF Radio with 100-watt Amplifier	**UVRI-BH100**
Remote Interface with UHF Radio	**UVRI-BU**
Remote Interface with UHF Radio with 100-watt Amplifier	**UVRI-BU100**

ACCESSORIES

Description	Part Number
Ambient Noise Microphone	**X-SM1-FS1**
Noise Canceling Push to Talk Microphone	**MNC-MC**
24 Vdc power cable	**Q17501999A**

REPLACEMENT PARTS

Description	Part Number
Control Board	**Q20000253**
100 W Amplifier Board	**Q20000324**
Battery 12 V 12 Ah	**Q155193A**

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