



► 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 Federal Signal's Commander® alerting and notification system; creating a fully integrated indoor and outdoor Mass Notification System. UVRI-B's primary application is to provide a communication bridge, allowing public safety official to expand their alerting and notification capabilities. The UVRI-B can interface with an individual buildings 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 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 push button control for eight functions and a local microphone input for live voice announcements.

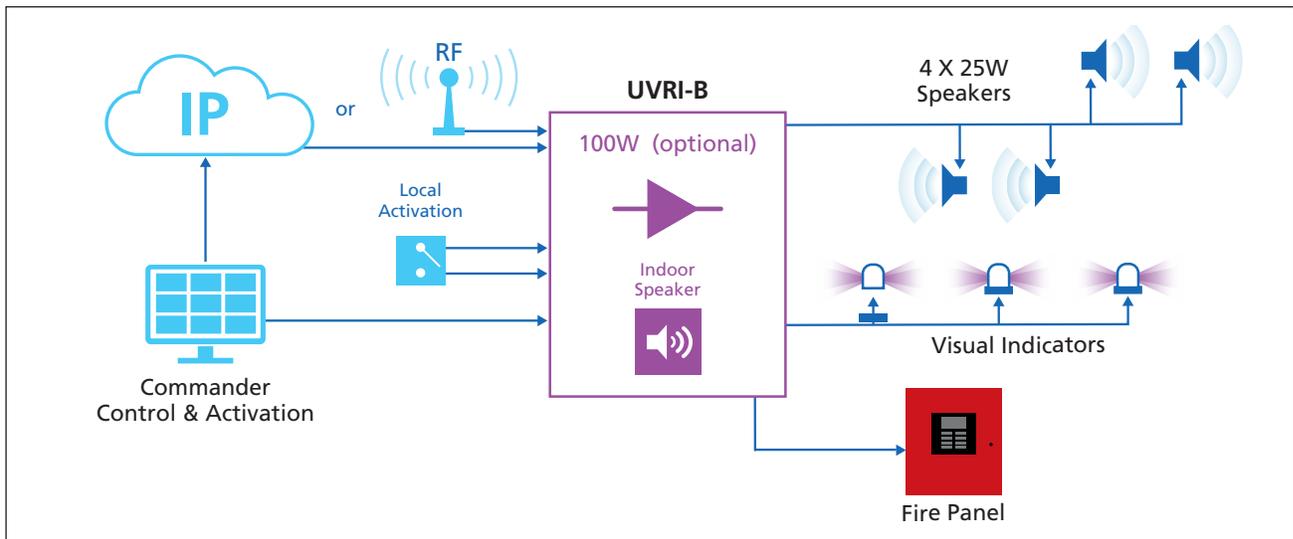
The UVRI-B has an IP interface that allows for simple high-speed two-way control and activation. Additionally, the UVRI-B can be equipped with two-way VHF/UHF radios, such as Motorola Vertex transceivers, for wireless communication to the Federal Signal Commander control system. The UVRI-B also supports cellular communication. UVRI-B 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 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 12VDC charger, simplified wiring, integrated speaker and an optional 100 watt amplifier. The speaker line is supervised when using distributed speakers.

F E A T U R E S

- Indoor use
- Flexible communications, IP standard/radio or cellular optional
- 12VDC and 120/240VAC operation with 12VDC 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, i.e. 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 external microphone
- UL and cUL Listed
- CSFM Approved

UltraVoice® Remote Interface Controller (UVRI-B)



SPECIFICATIONS

Operating Temperature ¹ :	-22°F to +150°F/-30°C to + 65°C
Humidity:	0-98% non-condensing
Input Voltage (nominal):	120/240 VAC
Current:	See technical manual
Battery Voltage:	14VDC, 13.7 volts (nom.)
Battery Current:	< 260 mA standby current <300 mA during a function < 7A during radio transmit
Standby Time:	Up to 45 hours with Vertex transceiver
Audio output UVRI-B board (Q20000253)	10/25Vrms
Audio output optional amplifier (Q20000324)	25Vrms
Relays 1-4	30VDC/240VAC 8A max
Small size with rugged construction: 20.36 in x 16.30 in x 6.62 in (517 mm x 414 mm 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: ¹UVRI-B can be configured for 24VDC operation. Contact factory for details.

²See the installation 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 Amp	UVRI-B100
Remote Interface with VHF Radio	UVRI-BH
Remote Interface with VHF Radio with 100 Watt Amp	UVRI-BH100
Remote Interface with UHF Radio	UVRI-BU
Remote Interface with UHF Radio with 100 Watt Amp	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
100W Amp Board	Q20000324
Battery 12V. 12 Ah	Q155193A

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