FEDERAL SIGNAL

▶ Model UVIC-B

UltraVoice® Indoor Controller

The Federal Signal UltraVoice® Integrated Controller, Model UVIC-B, is a Mass Notification panel designed to deliver clean, clear, amplified audio to a network of speakers (sold separately). The UltraVoice Integrated Controller can be used in a standalone application or networked with an outdoor Mass Notification system. The controller provides high quality broadcast of live or pre-recorded voice and tones. The UVIC-B continuously monitors speaker circuits with automatic notification of system failures.

The UVIC-B is housed in an indoor NEMA1 style cabinet, with provisions for up to two 400 watt amplifiers (UV400 sold separately). Each controller requires 120 or 240 VAC and contains two sealed lead-acid batteries, providing over 30 minutes of operation in the event power has been lost. The UVIC-B can be activated via radio (UHF/VHF/P25, cellular or IP (fiber/networked) from a remote location and can also interface a UVLOC-B for remote activation. This indoor controller has up to 8 preset activation functions, and Live PA broadcasts with the addition of a Local microphone (sold separate).

The UVLOC-B is a self-contained, lockable enclosure with supervised communications to the UVIC-B. Live Public Address is also available. Activation of pre-recorded messages can be done locally, via the UVLOC-B, via Commander or via an SS2000+. An SS2000+ is a system wide activation point which is typically equipped with a base station radio (approved radio license required at time of order).

The UltraVoice Integrated controller can be activated, managed, set-up and monitored using the Federal Signal Commander® Software which allows simple "point and click" activation and indication of alarms or fault conditions. When used with Commander Assist, the Commander Control Software provides an unique and easy-to-use creation of site specific, alert specific alerting messages.
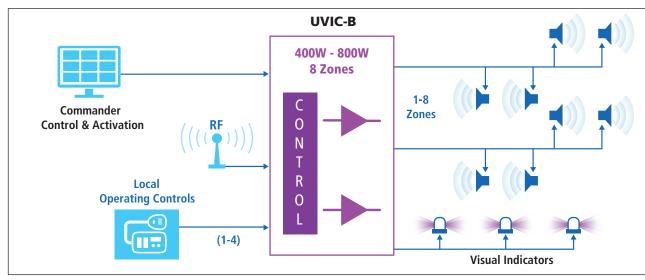
A UVIC-B can be used to power a complete line of indoor or outdoor speakers. Federal Signal's outdoor speakers include the DSA series, MOD1004B or MOD2008B. This controller can also be used with the AM300 or any 25/70V speakers when equipped with the optional UVADM. For end-of-line speaker monitoring the speakers require use of capacitively coupled devices.

The UVIC-B also incorporates 4 stand-alone relays for activation of external devices, the UV-ARM is not supported with this new system.

FEATURES

- Flexible communications via radio, Ethernet (IP), cellular with two-way status monitoring
- Live Public Address
- Standard and optional tones
- Optional voice message alerts
- Supervised 25/70Vrms Audio speaker output (UVADM)
- Secure communications with 128/256 AES-Bit Encryption
- Programmable relays for control of external equipment
- Local microphone access

- NEMA1 Indoor cabinet
- End-of-line speaker or voltage/current monitoring
- Supervised Local Operating Console for remote activations
- Built in relays for control of external devices
- Battery backup – 72 hour (400 Watt)
- UL and cUL
- CSFM approved

UltraVoice® Indoor Controller (UVIC-B)

UVIC-B

**400W - 800W
8 Zones**

**Commander
Control & Activation**

RF

CONTROL

**1-8
Zones**

**Local
Operating Controls**

(1-4)

Visual Indicators

SPECIFICATIONS

Operating Temperature:	-22°F to 120°F / -30°C to 49°C
Input Voltage:	120 or 240VAC, 50/60 Hz Single-phase
Input Current:	5A AC, 45A DC Max
Internal Operating Voltage:	24 VDC
Continuous Signaling Time:	30 minutes
Relay Contact Rating:	8A at 24 Vdc or 250 Vac
Dimensions H x W x D:	27" x 20.3" x 10.7" (685.5 mm x 515.62 mm x 271.78 mm)
Net Weight: (no amplifiers)	64.55 lbs 29.28 kg
Shipping Weight:	200 lbs 90.7 kg

OPTIONAL ACCESSORIES

Description	Part Number
Amplifier, 400 watt	**UV400**
Audio distribution module for zone and voltage selection (25/70 V)	**UVADM**
Local operating console	**UVLOC-B**
8-port LOC Expansion	**UVLOC-B-EXP**
Telco Base, Landline	**TB-LL**
Digital voice mini SD card	**DVSD**
Digital Voice Recording Fee	**DVR**
Noise canceling push to talk microphone	**MNC-MC**
100W Tappable Speaker	**DSA1**

HOW TO ORDER

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

Description	Part Number
Indoor Controller, 120 VAC	**UVIC-B1**
Indoor Controller, 240 VAC	**UVIC-B2**
Indoor Controller, 120 VAC, UHF	**UVIC-B1U**
Indoor Controller, 120 VAC, VHF	**UVIC-B1H**
Indoor Controller, 120 VAC, IP-enabled*	**UVIC-B1IP**
Indoor Controller, 240 VAC, UHF	**UVIC-B2U**
Indoor Controller, 240 VAC, VHF	**UVIC-B2H**
Indoor Controller, 240 VAC, IP-enabled*	**UVIC-B2IP**

*Requires IP Networking Software

UVLOC-B

UltraVoice is a registered trademark of Federal Signal Corporation.

US - 2645 Federal Signal Dr., University Park, IL 60484 | Tel: +1 708.534.3400 | 1-800-548-7229 | Email: customersupport@fedsig.com | www.fedsig.com

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