PF24V(A) ExitPoint™

Directional Sounder with Voice Messaging

NOTIFIER® by Honeywell

Audio/Visual Devices

General

The *ExitPoint™ Directional Sounder* has an integral audio amplifier that produces a pulsating sound consisting of broadband low, mid, and high range sounds. The broadband noise makes it possible to determine the location of the sound. There are four pulse patterns that can be used to create an egress pathway out of a building and to mark perimeter exits. In addition to the broadband noise, the sounder is capable of playing an alert message in the form of a recorded voice message or other audible signals. These messages will instruct the occupants of what action to take as they approach the directional sounder, and will allow them to react quickly and confidently when the sounder is activated. Fifteen different language combinations are available to instruct occupants that they are nearing an exit, a stairway up, a stairway down, or an area of refuge. The directional sounder also incorporates an optional disable feature for use in conjunction with a control module or heat sensor.

The directional sounder features a number of field selectable power settings including high, medium-high, medium-low, and low. Installation ease and pleasing aesthetics are achieved by a low profile compact design, and by the ability to flush mount in a 4" x 4" x 2¼" back-box.

ExitPoint directional sounders, fitted in addition to normal building evacuation sounders, draw people to evacuation routes in both good and poor visibility. The directional sounder can be used in a wide range of building applications. Trials consistently have shown an improvement of up to 75 percent in evacuation times in smoke and up to 35 percent without smoke. The 2007 Edition of NFPA 72 now provides installation and maintenance guidelines on directional sounders.

Features

- Listed to UL 464 (indoor applications only)
- Five field-selectable power settings
- Four field-selectable routing evacuation patterns
- Constructed to be effective in unfamiliar surroundings or poor visibility
- Designed to work in open areas, corridors, or stairs
- Fifteen different language selections available
- Reduces evacuation times by as much as 75 percent
- Optional disable feature for use in conjunction with a control module or heat sensor
- Low profile, compact design

Specifications

ELECTRICAL SPECIFICATIONS

Voltage Input: Regulated 24 Volts
Operating Voltage Range: 16 to 33 Volts
Operating Temperature: 32°F to 120°F (0°C to 49°C)
Power Setting: High, medium-high, medium, medium-low, low

MECHANICAL SPECIFICATIONS

Input Terminals: 12-24 AWG
Speaker Size: 4" (101 mm)
Grille Size: 4 7/8" (127 mm)



Additional Tone Selection

Switch Position 5 Setting	Switch Position 6 Setting	Sound Output
On	On	Area of Refuge
On	Off	Upstairs
Off	On	Downstairs
Off	Off	Exit Here

Enable/Disable Selection

Switch Position 4 Setting	Terminals 3 & 4	Sound Output
On	Open	Disabled
On	Closed	Enabled
Off	Open	Enabled
Off	Closed	Disabled

Power Setting Guide

DIP Switch Position 1 Setting	DIP Switch Position 2 Setting	DIP Switch Position 3 Setting	Power Setting
Off	Off	Off	High
On	Off	Off	Med-High
Off	On	Off	Med
Off	Off	On	Med-Low
On	On	On	Low

Current Draw Measurements and Sound Output Guide

Speed	DIP Switch Selection	Power Setting	Max DC Operating Current (mA RMS)	Audibility (dBA) Note 1	Audibility (dBA) Note 2
Fast (Exit)	10	High	185	84	75
Fast (Exit)	10	Med-High	131	81	72
Fast (Exit)	10	Med	78	78	69
Fast (Exit)	10	Med-Low	76	75	66
Fast (Exit)	10	Low	64	72	63
Med-Fast	9	High	170	83	74
Med-Fast	9	Med-High	124	80	71
Med-Fast	9	Med	75	77	68
Med-Fast	9	Med-Low	73	74	65
Med-Fast	9	Low	62	71	62
Med-Slow	8	High	135	82	73
Med-Slow	8	Med-High	104	79	70
Med-Slow	8	Med	67	76	67
Med-Slow	8	Med-Low	65	73	64
Med-Slow	8	Low	57	70	61
Slow	7	High	120	82	72
Slow	7	Med-High	92	79	69
Slow	7	Med	62	76	66
Slow	7	Med-Low	61	73	63
Slow	7	Low	54	70	60

Note 1: Sound output measured in anechoic room at 10 feet.
Note 2: Sound output measured in a reverberant room at 10 feet.

Language/Audible Tone Selection Guide

Rotary Switch Selection	Tone/Language		
0	Audible tone/sweep	8	Mandarin
1	English	9	English/Cantonese
2	Spanish	10	English/Mandarin
3	French	11	Cantonese/Mandarin
4	English/Spanish	12	English/Korean
5	English/French	13	English/Portuguese
6	Korean	14	English/Russian
7	Cantonese	15	English/Polish

Agency Listings and Approvals

Consult product manual for lists of compatible UL-Listed devices. In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- **UL Listed:** S4011
- **ULC Listed:** S8971
- **FM Approved**
- **CSFM:** 7135-1653:175
- **MEA Approved:** 492-04-E Vol. 2

Ordering Information

PF24V: ExitPoint Directional Sounder with Voice Messaging

PF24VA: Same as PF24V, but with ULC (Canada)

BBS-SP201W: Surface mount backbox skirt for PF24V

NOTIFIER® and System Sensor® are registered trademarks and ExitPoint™is a trademark of Honeywell International Inc.
©2010 by Honeywell International Inc. All rights reserved. Unauthorized use of this document is strictly prohibited.

ISO 9001 CERTIFIED
ENGINEERING & MANUFACTURING QUALITY SYSTEMS

This document is not intended to be used for installation purposes.
We try to keep our product information up-to-date and accurate.
We cannot cover all specific applications or anticipate all requirements.
All specifications are subject to change without notice.

Made in the U.S. A.

For more information, contact Notifier. Phone: (203) 484-7161, FAX: (203) 484-7118.
www.notifier.com