Gamewell FCI FIRE CONTROL INSTRUMENTS

by Honeywell

ExitPoint™ Directional Sounder with Voice Messaging

Description

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 (4) 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 sound 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 on the direction they are approaching (for example, provides the location of an exit, an up stairway, a down stairway, 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. It is simple to install with its aesthetic low profile compact design and contains a flush mount in a 4”x 4” x 2 1/4” backbox.

ExitPoint directional sounders, fitted for normal building evacuation sounders, also direct people to evacuation routes when either clear or poor visibility conditions exist. 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 NFGA 72 now provides the installation and maintenance guidelines on directional sounders.

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Directional Sounder with Voice Messaing



ExitPoint

Features

- Listed to UL Standard 464 (indoor applications only)
- Five (5) field-selectable power settings
- Four (4) 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 (15) 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

Ordering Information

Part Number	Description
PF24V	ExitPoint Directional Sounder with Voice Messaging
BBS-SP201W	Surface mount backbox skirt for PF24V

An ISO 9000-2000 Company

SIGNALING UL LISTED S4011 FM APPROVED 3027815 MEA Approved 492-04-E 7135-1653:175

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Specifications are for information only, are not intended for installation purposes, and are subject to change without notice. No responsibility is assumed by Gamewell-FCI for their use.
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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	Up Stairs
Off	On	Down Stairs
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

Language/Audible Tone Selection Guide

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

Current Draw Measurements and Sound Output Guide

Speed	DIP Switch Selection	Power Setting	Max DC Operating Current (mA RMS)	Audibility (dBA)	Audibility (dBA)
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					