

DA-30 BOWS

Building Occupant Warning System



Evacuation

General

The Notifier DA-30, 30 Watt RMS Building Occupant Warning System (BOWS) is designed to provide sound reinforcement, voice messages, alert and evacuation tones to aid rapid and orderly mobilization of people in an emergency situation.



Features

- 17 pre-installed tones
- 10 pre-installed speech messages
- Optional customer message module for on-site recording and storing of 2 custom speech messages
- Additional inputs to initiate Lock-down, Chime, Test and False Alarms speech messages
- Ability to synchronise tones and messages with other DA-Series BOWS
- Fault monitoring of the 100V output lines for open and short circuit
- High efficiency Class D amplifier designed for superior intelligibility and lower current consumption
- Controller or Slave configurations
- 2-wire connection to all Notifier CIE
- Background music & PA microphone analogue audio inputs
- Pre-installed test tones for ease of installation

Specifications

Operating Voltage Range: 20VDC to 30VDC

Current consumption : <1.5A @ 30W RMS using tone 15

Output: 30W rms continuous

Message/Chime List:

- 00** Blank
- 01** "Warning, the fire alarm has operated." Stand by for further instructions"
5 seconds - *Male Voice*
- 02** "Emergency! Evacuate now!"
3 seconds - *Male Voice*
- 03** "Emergency! Evacuate using the nearest fire exit"
4 seconds - *Male Voice*
- 04** "Emergency! Evacuate to the nearest assembly point"
4 seconds - *Male Voice*
- 05** "Warning, the fire alarm has operated." Stand by for further instructions"
6 seconds - *Female Voice*
- 06** "Emergency! Evacuate as directed"
3 seconds - *Female Voice*
- 07** Attention, attention! An emergency exists. Please follow the lock down procedure"
3 seconds - *Male Voice*
- 08** "The emergency warning system is being tested"
3 seconds - *Male Voice*
- 09** This has been a false alarm. You may return to your normal activity"
4 seconds - *Male Voice*
- 10** School bell sound
3 seconds
- 11** Custom recording 1 from CMM-2
- 12** Custom recording 2 from CMM-2

Tones List

00 Blank

01 Ramping T3

02 T3 - 520Hz

03 T3 - 800Hz

04 T3 - 970Hz

05 Ramping T3 - Reverse

06 T3 - 2860Hz

07 AS2220 Alert tone

NOTE: This tone does not support a speech message

08 AS2220 Evacuation tone

NOTE: This tone will play the speech message twice per cycle

09 510Hz and 610Hz Alternating

10 800Hz and 970Hz Alternating

11 800Hz to 970Hz Ramping @ 2Hz

12 800Hz to 970Hz Ramping @ 1Hz

13 800Hz to 970Hz Ramping @ 0.5Hz

14 420Hz 0.625s on 0.5s off

15 520Hz continuous tone

NOTE: This tone does not support a speech message

16 970Hz Continuous - Test tone

NOTE: Use this tone to get a constant tone out to measure the line output voltage

NOTE: This tone does not support a speech message

17 970Hz 0.5s on 3.5s off

NOTE: This tone can be used during installation to test speaker connection whilst providing a minimum level of disturbance to occupants

NOTE: This tone does not support a speech message



**Optional CMM-2 Module
for Custom Messages**

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