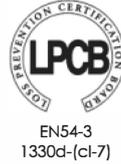


# FL-433/WMSS

## Addressable Sounder Strobe



### Features and Benefits

- EN54-3:2001+A1:2002 + A2:2006 Certified
- LPCB Approved
- Built-in MCU processor and digital addressing
- 17 tones Programmable sound output
- Programmable types such as Sounder-Strobe, Sounder or Strobe alone
- Programmable Evacuate or Pre-alarm/Evacuate signal
- Low and normal consumption mode
- One or Two addresses mode
- 10 Highlights LED status cluster
- Onsite Adjustable Parameters
- Loop or external power input
- Aesthetically pleasing design
- Universal mounting with fix base for simple installation

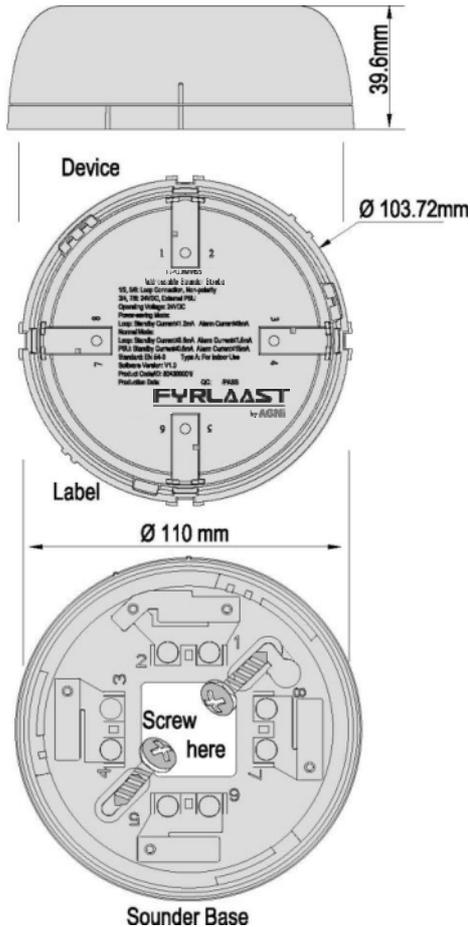
### Overview

The FL-433/WMSS Addressable Sounder Strobe is alarm warning device used to notify persons in the vicinity of the occurrence of fire emergency in order the person to take appropriate measures. The unit adopt multiapplication device starting from the types, parameters and wiring layout in single unit. The FL-433/WMSS can change into different alarm warning types such as sounder-strobe type, sounder type or strobe type using programming tool. In addition, parameters can be configured according to the requirement which include alarm tone from 17 different tones, single address or dual address mode and also setting of power mode to low current consumption in a simple programming.

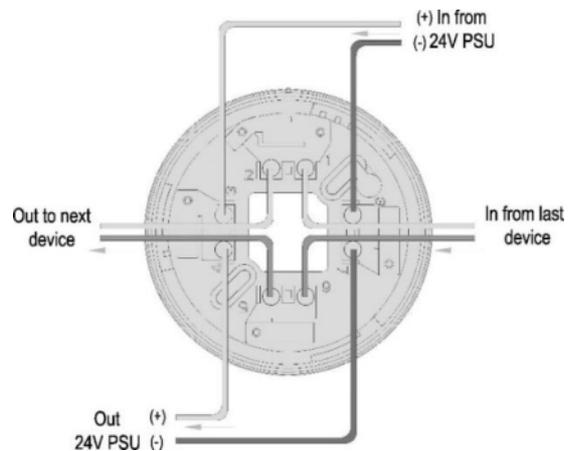
The FL-433/WMSS is manufactured based on the requirement of EN 54 part 3, European Standard. The unit is aesthetically pleasing with unobtrusive design that will complement modern building designs and its plug-in type assemblies make installation and maintenance more convenient to the installer. The FL-433/WMSS is compatible to the FL-4000 series of Analogue Intelligent Fire Alarm Control Panels.

## Technical Specification

Listed	LPCB
Certified	EN54-3:2001+A1:2002 + A2:2006



Sounder Strobe	
Input Voltage	Loop Power: 24VDC [18V to 27.5V] External PSU: 24 VDC [20V to 27.5V]
Typical Current Consumption	Loop: Standby 0.6mA, Alarm: 1.5mA External PSU: Standby 0.6mA, Alarm: 15mA
Saving Current Consumption	Standby 1.2mA, Alarm: 9mA
Protocol/Addressing	Agni / Value range from 1 to 254, default 1 address, if set to dual address: 1st Alert / 2nd Evac
Sounder level Pressure	102 dBA at 1 meter / tone 14
Tone	17 Tones (refers to Manual)
Strobe Light	10 Highlights LED



### Terminal Description (Loop Power)

1. Signal In (+)
2. Signal Out (+)  
(Jumper (+) terminal 2 and 3)
5. Signal In (-)
6. Signal Out (-)  
(Jumper (-) terminal 6 and 7)

Physical	
Material / Color	ABS / RED Glossy finishing
Ingress Protection Rating	IP21/ Type A, indoors
Dimension / Height	Diameter 110 mm / 39.6 (with Base)
Weight	176g (with Base), 110g (Without Base)
Operating Temperature	-10°C to +50°C
Humidity	0 to 95% Relative Humidity, Non condensing

## Ordering Information:

**FL-433/WMSS**

LPCB Approved. Addressable combined sounder and strobe with ultra-bright LED light source, loop-powered or external 24VDC powered. Certified EN 54-3:2001 + A1:2002 + A2:2006