



INTRODUCTION

Annunciation of faults plays an important role in any type of industry. Audible alarms are used to alert operators and other personnel in case of fault so that a corrective action can be initiated. ESD has developed a versatile Hooter for this very purpose. Various choices are available to select between normal hooters, hooters with LED annunciation, Hooters with accept push button and Dome type hooters.

PRINCIPLE OF OPERATION

The supply to the hooter is connected through a relay (inside a controller or an alarm annunciator). Thus when the relay is activated, the supply is connected to the hooter. The solid state oscillator circuit inside the hooter is activated which drives the speaker to provide audio output.

FEATURES

- ✓ Audible distance more than 100 meters.
- ✓ 80 dB sound level adjustable with inbuilt volume control.
- ✓ Flush panel mounting/ Wall mounting
- ✓ Dust and Vermin proof enclosure
- ✓ Maximum MTBF and minimum MTTR
- ✓ Designed for continuous duty cycle.
- ✓ Unlimited LED life, no replacement required
- ✓ Maximum MTBF and minimum MTTR
- ✓ Provision for Accept Push button

Model Specs.	Hooter	AV Hooter	Power Hooter	Dome Hooter
Audio Output	80 dB		120 dB	
Audible distance	100 mts		200 mts	
Size	96 x 96 x 80		144 x 144 x 120	
Visual Indication	--	5 LED's	--	Dome
Accept P. B	--	Inbuilt	--	External

SPECIFICATIONS

Power Supply	: 230 V AC, $\pm 10\%$, 50 Hz, Single phase
	: 110 V AC, $\pm 10\%$, 50 Hz, Single phase
	: 24 V DC, $\pm 10\%$
Led Indication	: None
	: 5 redLED's
Accept Push Button	: Internal
	: External
Panel cut out	: 92 x 92 mm, + 1 mm, -0 mm
	: 68 x 68 mm
Front Facia	: 96 x 96 mm
	: 72 x 72 mm
Depth	: 80 mm
Mounting	: Flush panel mounting
	: Wall mounting type
Output sound level	: 50dB / 80 dB / 100 dB (Adjustable by inbuilt volume control)
Audible distance	: More than 100 meters
Terminals	: PBT 2.5 mm
Relative Humidity	: 95% Non Condensing

ORDERING INFORMATION

Hooter	X1	X2	X3	X4
	Panel Cutout 1 - 68 x 68 2 - 92 x 92 3 - 138 x 138 4 - Wall mtg	LED Indication 01 - With 02 - Without 03 - Flashing Dome	Accept PB 1 - Internal 2 - External	Power Supply 1 - 230 V AC 2 - 110 V AC 3 - 48 V AC 4 - 24 V AC 5 - 24 V DC 6 - Other

ALSO SELECT
ESD ...

BACKEND

- ✓ Controllers
- ✓ Scanners with Controllers

SAME RANGE

- ✓ Mimic type Alarm Annunciators
- ✓ Hooter
- ✓ Audio Visual Hooter

FRONT END

- ✓ Automation Panels
- ✓ PLC



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