# Explosion Proof Electric Horn(Telephone Initiated)
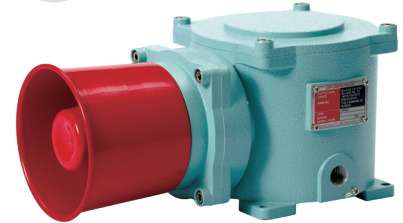
# SPNA-TI

| IP66 | +60°C / -40°C | HORN | 113dB | RoHS |

## PRODUCT SPECIFICATION

SPNA-TI

**Materials** Housing-Al, Horn housing-STS316L
**Ambient operating temperature**
-40°C ≤ Tamb ≤ +60°C
**Sound volume** Max 118dB at 1m(Volume adjustable)
**Explosion protection rating**
IECEx - Ex d Ⅱ C T6 Gb, IP66
ATEX - EX Ⅱ 2G Ex d Ⅱ C T6 Gb, IP66
**Certificates** IECEx, ATEX
**Housing standard color** MUNSELL No. 7.5BG 7/2
**Cable Entry** 1/2" NPT

- Explosion proof electric horn
- Telephone Initiated Signal beacon triggers built-in alarm sound that is activated by 25Hz Telephone Ring Signal
- Highly noticeable Telephone alarm in noisy environment
- Telephone line(2 LINE) is connected to PSTN telephone line
- Various sound tones can be selected : warning sound, alarm, melody
- Aluminum housing provides excellent durability
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- Rated power when telephone lines are not in use: 45VDC - 55VDC
- Rated power when telephone rings : 95VDC - 130VDC
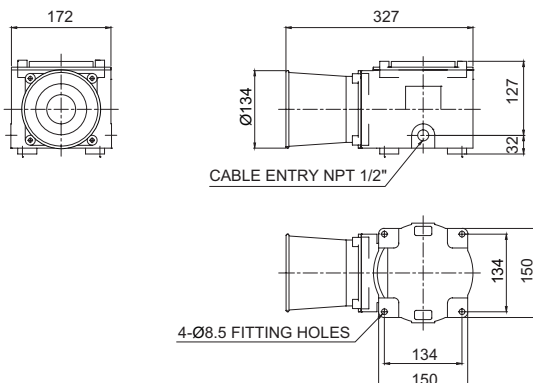
**SPNA-TI**

## SPNA-TI  Explosion Proof Electric Horn, Max. 118dB

| Model number | Voltage | Current | Sound Pattern and Volume | Certificates | Weight |
|---|---|---|---|---|---|
| SPNA-TI | DC24V | 0.950A | ·WS-5 Warning sounds: Max.118dB<br>·WP-5 Special warning sounds<br>: Max.118dB<br>·WM-5 Melodies: Max.118dB<br>·WA-5 Alarms: Max.116dB<br>·WV-5 Customizable voices: 110-115dB | IECEx<br><br>ATEX | 6.09kg |
| | AC110V | 0.220A | | | 6.44kg |
| | AC230V | 0.130A | | | 6.44kg |

※ Please refer to [Sound tone and combination for standard product] on this catalogue for detailed sound tone specification
※ Max. built-in volume feature is based on WS/WP-Ch1/WM-Ch5/WA-Ch5.
※ In case of customized WV 5 tone type, there may be difference of volume depending on user's audio file type.
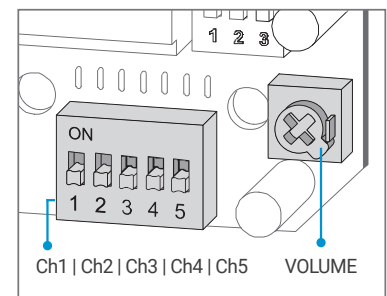
## Technical Diagram

·SPNA-TI

Units: mm

172
327
127
Ø134
32
CABLE ENTRY NPT 1/2"

134
150
4-Ø8.5 FITTING HOLES
134
150

## Sound Selection Instructions and Wiringt

· Standard Type: Select sound using the switch inside of the unit. When you turn on the dip switch for each channel, the designated sound will be played.

1 2 3
ON
1 2 3 4 5
Ch1 | Ch2 | Ch3 | Ch4 | Ch5          VOLUME

· Customization : External contact(LC)
In case of select sound between external contact and transistors, sound line is threading as customization when product released(LC).

## Ordering Specification

| SPNA | - | WM | - | 230 | - | LC | | TI |

[Model number] | [Sound] | [Voltage] | [sound selection] | [Telephone Initiated]
|
SPNA

WS-Warning sounds
WP-Special warning sounds
WM-Melodies
WA-Alarms
WV-Customizable voices

24-DC24V
110-AC110V
230-AC220V

(Blank)-Standard type
LC Type-Uses external contact

TI-Telephone Initiated

## Customization

· Explosion proof cable gland attached type available (Standard type does not come with explosion proof cable gland)
· 2 ways cable entry
· Customized cable entry (3/4" NPT, M20×1.5, M25×1.5) available