

STND series

Versatile Signal/ Warning Lights with Built-in Buzzer

Warning lights with electric horn supports 30 prerecorded, 30 user defined sound tones(MP3)

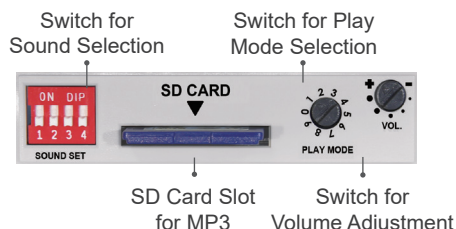
- 6 Bit input, 5 sound tones for each group
- Binary input 30 sound tones output
- SD Card(MP3) support

Sound Tone Selection & Volume Control

STND series is a combination of warning light and signal horn that allows sound tone selection and volume control through a built-in control panel. In addition, it supports MP3 through an SD Card.

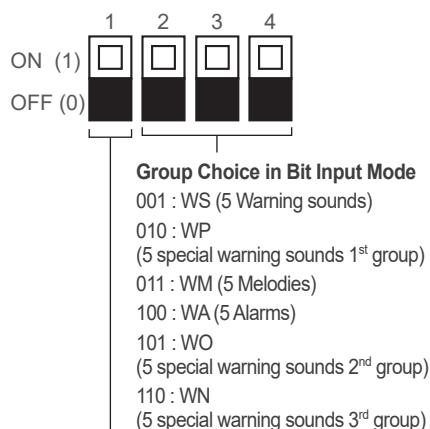
Multifunctional Type

Features



Sound Setup Switch

You can select between pre-recorded sound mode and SD Card sound (MP3) mode with the SOUND selection switch.



Sound Selection

0 : Built-in sound

1 : SD Card(MP3)

- Built-in sounds(5WS, 5WP, 5WM, 5WA, 5WO and 5WN)
- Support SD Card(MP3)
- Binary Input : 30Ch
- Bit input : 5Ch(6 groups)
- Support MP3 format through SD Card
- Detailed instructions for multi-functional products are shown on page 148



Common Specifications(STNDL/ STND100/ STND125)

- Combination of warning light and horn allows transmission of both visual and audible signals together
- Appropriate sound tones can be chosen depending on the various working environments among the various type of available sound tones
- Sound tone selector and volume controller in front of the device allows convenient use
- SD Card type allows user defined sound tone
- Built-in 30 sound tones, support binary and bit input modes
- Bit input mode consists of 5 sound types with 6 groups. Choose one of the groups to play 5 sounds from that group.(MP3 is separate from the 6 groups)
- Materials : Lens-AS, Housing-ABS, Reflector-Heat resistant ABS
- Ambient operating temperature
 - 20°C to +50°C : STND100LR, STND125LR, STND125R
 - 30°C to +50°C : STNDL, STND100L, STND125L
- Protection rating : IP54

Built-in sounds 30

Multi-functional product has 30 built-in sound tones

| Sound | Category | Ch | Sound Tone | Sound | Category | Ch | Sound Tone |
|-------|--|-----|--------------------------|-------|--|-----|----------------------|
| WS | 5 Warning sounds | Ch1 | Fire.A-ANG | WA | 5 Alarms | Ch1 | Beep Intermittent |
| | | Ch2 | Emergency WA-U(Yelp) | | | Ch2 | Door Chime |
| | | Ch3 | Ambulance PI-PO(Hi- low) | | | Ch3 | Phone Ring |
| | | Ch4 | Machinery Fault | | | Ch4 | PI.PI.PI Short |
| | | Ch5 | Form Alarm | | | Ch5 | Tripping Beat |
| WP | 5 special warning sounds (1 st group) | Ch1 | Fire.A-ANG | WO | 5 special warning sounds (2 nd group) | Ch1 | Rel rel rel |
| | | Ch2 | Abandon Alarm | | | Ch2 | Slow Ambulance PI-PO |
| | | Ch3 | Machinery Fault | | | Ch3 | Wye yong Wye yong |
| | | Ch4 | High Expansion | | | Ch4 | Phone ring 2 |
| | | Ch5 | 7 Short PI. / 1 Long | | | Ch5 | Fire.A-ANG |
| WM | 5 Melodies | Ch1 | Sweet Home | WN | 5 special warning sounds (3 rd group) | Ch1 | Oit Oit |
| | | Ch2 | For Elise | | | Ch2 | Pi o Pi o |
| | | Ch3 | Cuckoo's Waltz | | | Ch3 | Slow Di o Di o |
| | | Ch4 | Piano Sonata | | | Ch4 | Li long Li ling |
| | | Ch5 | Turkish March | | | Ch5 | 911 Siren |

User-defined sound (MP3)

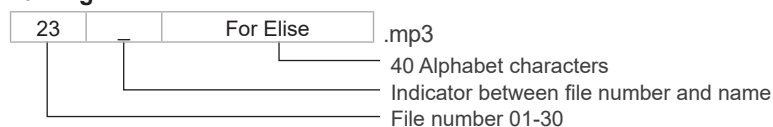
User-defined sound(MP3) type



Customer can create a playlist and grouping conveniently through PC. Product supports up to 32Gbyte. SD Card is an optional item.

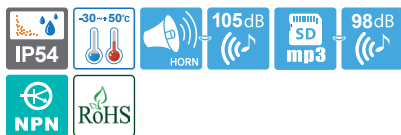
*SD Card needs to be purchased.

MP3 file naming



STND series

Multifunctional Signal/ Warning Lights with Built-in Buzzer



STND series



STNDL LED Steady/Flashing Lights & Electric Horn

- Lens colors are interchangeable
- Certificates : CE Compliant
- Compliant with RoHS directive

| Model number | layer | Voltage | Current | Sound Pattern and Volume | Certificates | Weight | Color |
|--|-------|-----------------|----------------|---|----------------------------|------------------------|--|
| STNDL Steady STNDLF Steady/ Flashing | 1 | DC12V | 0.465A | <ul style="list-style-type: none"> • WS-Warning sound • WP-Special warning sound 1st group • WM-Melody • WA-Alarm • WO-Special warning sound 2nd group • WN-Special warning sound 3rd group • SD Card-MP3 Volume : 105dB • Bit input : 5Ch • Binary Input : 30Ch • Warning sound : 105dB • MP3 : 98dB | CE AC, DC24V only | DC-1.19kg AC-1.58kg | • R-Red |
| | | DC24V | 0.465A | | | | |
| | | AC110V -220V | Max. 0.170A | | | | |
| | 2 | DC12V | 0.590A | | | DC-1.43kg AC-1.82kg | • R-Red • G-Green |
| | | DC24V | 0.530A | | | | |
| | | AC110V -220V | Max. 0.205A | | | | |
| | 3 | DC12V | 0.675A | | | DC-1.67kg AC-2.06kg | • R-Red • A-Amber • G-Green |
| | | DC24V | 0.590A | | | | |
| | | AC110V -220V | Max. 0.230A | | | | |
| | 4 | DC12V | 0.785A | | | DC-1.91kg AC-2.30kg | • R-Red • A-Amber • G-Green • B-Blue |
| | | DC24V | 0.645A | | | | |
| | | AC110V -220V | Max. 0.255A | | | | |
| | 5 | DC12V | 0.870A | | | DC-2.15kg AC-2.54kg | • R-Red • A-Amber • G-Green • B-Blue • W-White |
| | | DC24V | 0.710A | | | | |
| | | AC110V -220V | Max. 0.285A | | | | |



STND series has a front control panel for convenient sound signal control.



Wiring Instructions

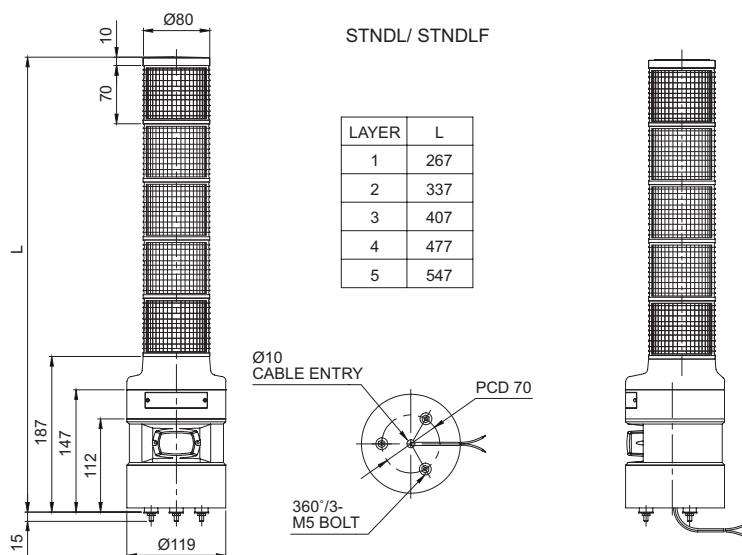
- External power line standard, UL1015 AWG18(0.75sq)×2C 400mm
- Signal line standard, UL1007 AWG22(0.3sq) 400mm
- Product can be wired regardless of polarity

※ Please refer to page105 for detailed wiring information.



Technical Diagram

(Units : mm)



Ordering Specification

| STNDL | - | 3 | - | 24 | - | RAG |
|---|---|--|---|---|---|--|
| [Model number] | | [Layer] | | [Voltage] | | [Color] |
| <ul style="list-style-type: none"> • STNDL • STNDLF | | <ul style="list-style-type: none"> • 1-1Layer • 2-2Layers • 3-3Layers • 4-4Layers • 5-5Layers | | <ul style="list-style-type: none"> • 12-DC12V • 24-DC24V • 110/220-AC110V-220V | | <ul style="list-style-type: none"> • R-Red • A-Amber • G-Green • B-Blue • W-White |

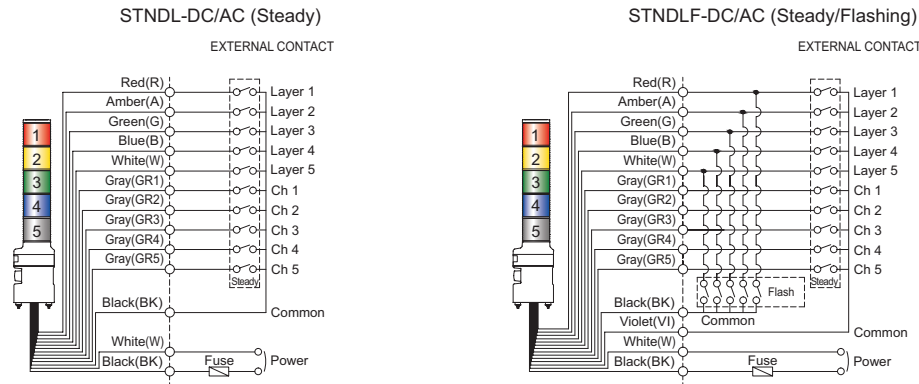
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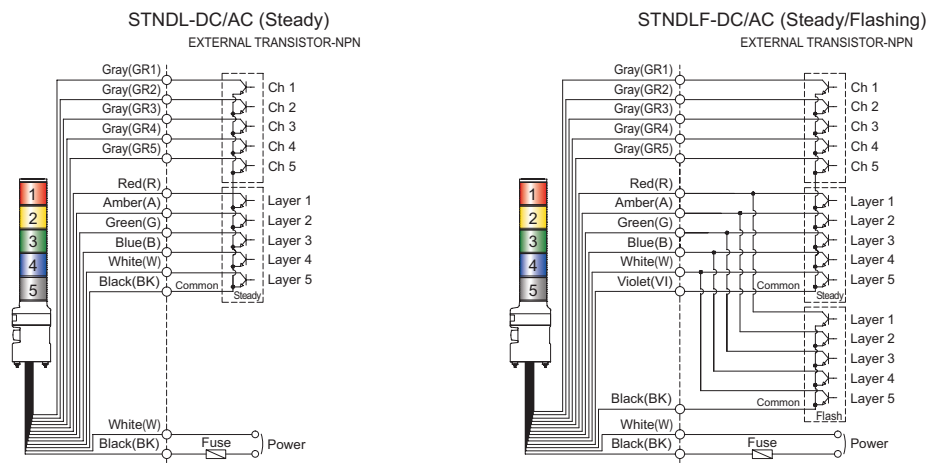


Wiring Instructions

External contact



Transistor



- Product can be wired regardless of polarity.
- In case of Bit input, 5 sound tones can be played. For Binary input, 30 sound tones can be played.
- ※ Please refer to page 142 for detailed channel input instruction. (Wiring Instructions substitutes for channel selection switch)



Do not apply power into each signal line. Product may be damaged

- NPN transistor(non-external contact control) can be enabled by using the flashing common line for the light source.
- Each unit's light source and signal sound do not operate identically even though multiple units are working at the same time.
- Do not short-circuit between steady common and flash common. Signal light won't work properly.