Versatile Signal/Warning Lights with Built-in Buzzer

STND / STND-N Series

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

PRODUCT SPECIFICATION

STNDL | STND100 | STND125
STNDL-N | STND100-N | STND125-N

Materials Lens-AS, Housing-ABS,
Reflector-Heat resistant ABS

Protection rating IP54

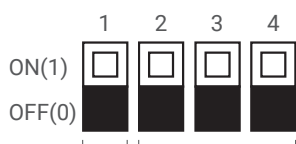**Compliant with RoHS directive**

- 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
- Binary input mode allows the user to select from 30 different sound options with the tone selection switch
- 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)
- Standard unit choose built-in sound only. It can choose 30 sounds in accordance with the customer's needs.

STND Series

Sound Selection Instruction for SDcard Type

· SD card type unit
- It can choose both built-in sounds and user defined sounds(MP3) by controlling sound setup switch no. 1.
· Standard unit
- It can choose both Bit input mode and Binary input mode by controlling sound setup switch no. 1.

```
        1   2   3   4
ON(1)  □  □  □  □
OFF(0) ■  ■  ■  ■
```

Bit input mode selection from 6 groups
001: WS(5 Warning sounds)
010: WP(5 Special warning sounds 1st group)
011: WM(5 Melodies)
100: WA(5 Alarms)
101: WO(5 Special warning sounds 2nd group)
110: WN(5 Special warning sounds 3rd group)

Sound Selection
0: Built-in sound
1: SD Card(MP3)

Standard unit(Built-in sound only)
0:Bit input(Can choose 5 channels per group)
1:Binary(Can choose 30 channels)

· 30 pre-recorded sounds offered(5 warning sounds, 5 special warning sounds 1st group, 5 melodies, 5 alarms, 5 special warning sounds 2nd group, 5 special warning sounds 3rd group)
· External MP3 sound support(SD card)
· Binary input: 30 channels
· Bit input: 5 channels(6 sound groups)
· A multi-functional product that can use an SD card for MP3 playback
· Please refer to [Sound pattern and combination for multifunctional product] on this catalogue for channel input setting.

Features per modelst

	STNDL/STND100 STND125(MP3)	STNDL-N/STND100-N STND125-N (standard unit)	Column
Support SD card(MP3)	O	X	
Support 30 built-in sounds	O	O	
Play mode	O	X	
Bit/Binary input	O	O	Please refer to sound setup switch manual parts

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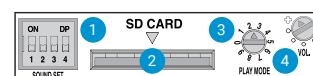· **STNDL / STND100,125(MP3)**
 - User defined 30 sounds
 - 30 built-in sounds
· **STNDL-N / STND100,125-N (standard unit)**
- 30 built-in sounds

Multifunctional Type

· Standard unit does not support either SD card or Play mode.

1 Switch for Sound Selection
2 SD Card Slot
3 for MP3
4 Switch for Volume Adjustment

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.

Multifunctional Signal/Warning Lights with Built-in Buzzer

STND Series

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

STND100LR

STND100L

STND100R

STND100LR LED Revolving Light & Electric Horn

Model number	Voltage	Current	Sound pattern and volume	Certificates	Weight	Color
STND100LR	DC12V	0.650A	·Bit Input: 5Ch ·Binary Input: 30Ch ·Built-in sounds: Max.105dB (Based on WS-Ch5) · MP3: Max.98dB	CE	1.40kg	🔴 R-Red 🟡 A-Amber 🟢 G-Green 🔵 B-Blue
	DC24V	0.450A			1.40kg	
	AC110V -220V	Max. 0.180A			1.62kg	

· Excellent omni-directional visibility with LED light collecting system and special multifaceted reflector
· Ambient operating temperature: -20°C to +50°C / Revolving speed: 120-140RPM
※ CE compliant: DC24V

STND100L LED Steady/Flashing Light & Electric Horn

Model number	Voltage	Current	Sound pattern and volume	Certificates	Weight	Color
STND100L	DC12V -24V	Max. 0.485A	·Bit Input: 5Ch ·Binary Input: 30Ch ·Built-in sounds: Max.105dB (Based on WS-Ch5) · MP3: Max.98dB	CE	1.37kg	🔴 R-Red 🟡 A-Amber 🟢 G-Green 🔵 B-Blue
	AC110V -220V	Max. 0.190A			1.78kg	

· Excellent visibility that employs a special scattering lens
· Ambient operating temperature: -30°C to +50°C
· Flashing rate: 60-80/min(Built-in switch for selection between steady and flashing mode)
※ CE compliant: DC24V
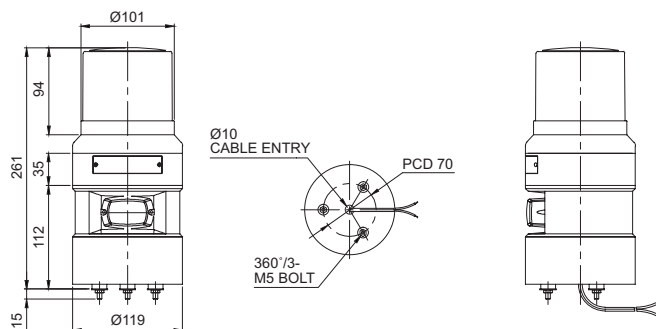
STND100R Bulb Revolving Light & Electric Horn

Model number	Voltage	Current	Bulb Spec	Bulb Standard	Bulb Parts no	Sound pattern and volume	Certificates	Weight	Color
STND 100R	DC12V	1.200A	12V10W	T16x35 15S	9	·Bit Input: 5Ch ·Binary Input: 30Ch ·Built-in sounds: Max.105dB (Based on WS-Ch5) · MP3: Max.98dB	CE	1.57kg	🔴 R-Red 🟡 A-Amber 🟢 G-Green 🔵 B-Blue
	DC24V	0.865A	24V10W		10			1.57kg	
	AC110V -220V	Max. 0.350A	24V10W		10			1.82kg	

· Ambient operating temperature: -20°C to +50°C
· Revolving speed: 120-140RPM
※ CE compliant: DC24V
※ When playing MP3 files, there may be difference of volume depending on user's audio file type.

Technical Diagram
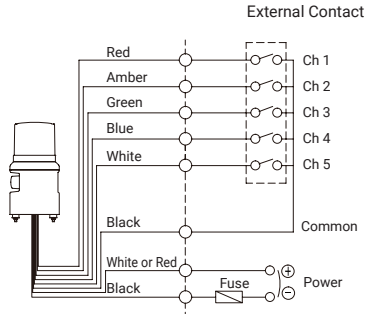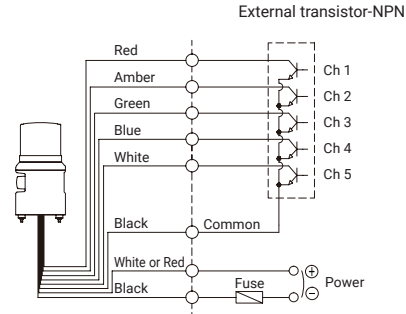Units: mm

·STND100LR / STND100L / STND100R

Ø101
94
261
35
112
15
Ø119
Ø10 CABLE ENTRY
PCD 70
360°/3- M5 BOLT

Ordering Specification

STND100LR	-	24	-	R	-	INSD

[Model number]
STND100LR
STND100L
STND100R

[Voltage]
12-DC12V
24-DC24V
12/24-DC12V-24V
(STND100L only)
110/220-AC110V-220V

[Color]
🔴 R-Red
🟡 A-Amber
🟢 G-Green
🔵 B-Blue

[Including SD card]
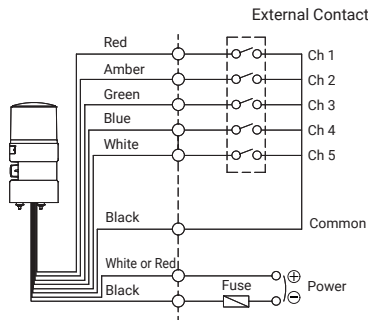None-Without SD card
INSD-Including SD card

STND Series

Wiring Instructions

·STND100LR / STND100L / STND100R-DC/AC
·STND100LR-N/STND100L-N/STND100R-N-DC/AC
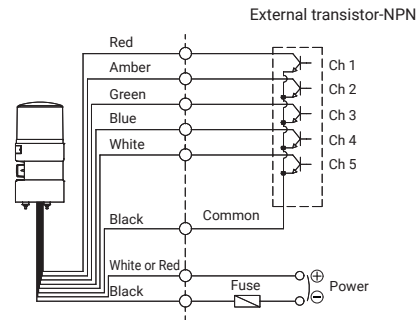
·STND100DL-DC/AC
·STND100L-N-DC/AC

External Contact

External transistor-NPN

·STND125LR / STND125L / STND125R-DC/AC
·STND125LR-N/STND125L-N/STND125R-N-DC/AC

·STND125DL-DC/AC
·STND125L-N-DC/AC

External Contact

External transistor-NPN

· In case of Bit input, 5 sound tones can be played. For Binary input, 30 sound tones can be played.
· STND100R, STND100LR, STND125R, STND125LR : Black output line is negative(-)
※ Please refer to [Sound pattern and combination for multifunctional product] on this catalogue for channel input setting
  (Wiring instruction is replaced to channel selection switch)

⚠ Do not apply a voltage to each signal line. It may cause damage to the product

· 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.