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.
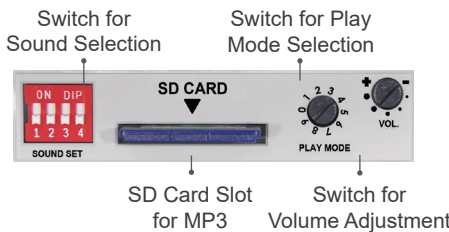
Multifunctional Type

• Features

Switch for Sound Selection
Switch for Play Mode Selection

SD CARD ▼

SD Card Slot for MP3
Switch for Volume Adjustment

• Sound Setup Switch

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

ON (1)
OFF (0)

1 2 3 4

Group Choice in Bit Input Mode
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)

• 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, STND100R, STND125LR, STND125R
   -30°C to +50°C : STNDL, STND100L, STND125L
• Protection rating : IP54
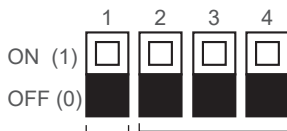
Built-in sounds 30

Multi-functional product has 30 built-in sound tones

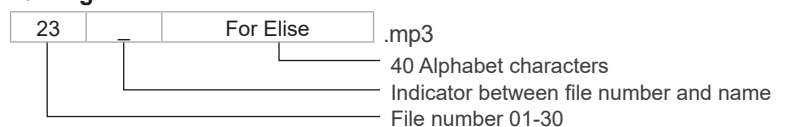| Sound	Category	Ch	Sound Tone	Sound	Category	Ch	Sound Tone
WS	5 Warning sounds	Ch1	Fire.A-ANG	WA	5 Alarms	Ch1	Beep Intermittent
		Ch2	Emergency WA-U(Yelp)			Ch2	Door Chime
		Ch3	Ambulance PI-PO(Hi- low)			Ch3	Phone Ring
		Ch4	Machinery Fault			Ch4	PI.PI.PI Short
		Ch5	Form Alarm			Ch5	Tripping Beat
WP	5 special warning sounds (1st group)	Ch1	Fire.A-ANG	WO	5 special warning sounds (2nd 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 (3rd 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.
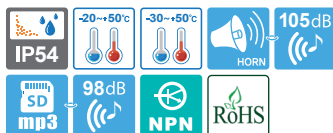
*SD Card needs to be purchased.

MP3 file naming

23 _ For Elise .mp3

40 Alphabet characters
Indicator between file number and name
File number 01-30

STND series

Multifunctional Signal/ Warning Lights with Built-in Buzzer

Qlight

| IP54 | -20~+50℃ | -30~+50℃ | HORN | 105dB |
| SD mp3 | 98dB | NPN | RoHS | |

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

STND125LR

STND125L

STND125R

STND125LR LED Revolving Signal Light & Electric Horn Combination

- Excellent omni-directional visibility with LED light collecting system and special multifaceted reflector
- Revolving speed : 120-140RPM
- Compliant with RoHS directive

Model number	Voltage	Current	Sound Pattern and Volume	Certificates	Weight	Color
STND125LR	DC12V	0.630A	• Bit input : 5Ch • Binary Input : 30Ch • Warning sound : 105dB • MP3 : 98dB	CE DC24V only	1.35kg	● R-Red ● A-Amber ● G-Green ● B-Blue
	DC24V	0.540A			1.35kg	
	AC110V -220V	Max. 0.210A			1.73kg	

STND125L LED Steady/Flashing Signal Light & Electric Horn Combination

- Excellent visibility that employs a special scattering lens
- Flashing rate : 60-80 flashes/min(Built-in switch for selection between steady and flashing mode)
- Certificates : CE Compliant
- Compliant with RoHS directive

Model number	Voltage	Current	Sound Pattern and Volume	Certificates	Weight	Color
STND125L	DC12V -24V	Max. 0.565A	• Bit input : 5Ch • Binary Input : 30Ch • Warning sound : 105dB • MP3 : 98dB	CE DC24V only (UL) DC24V only	1.32kg	● R-Red ● A-Amber ● G-Green ● B-Blue
	AC110V -220V	Max. 0.210A			1.65kg	

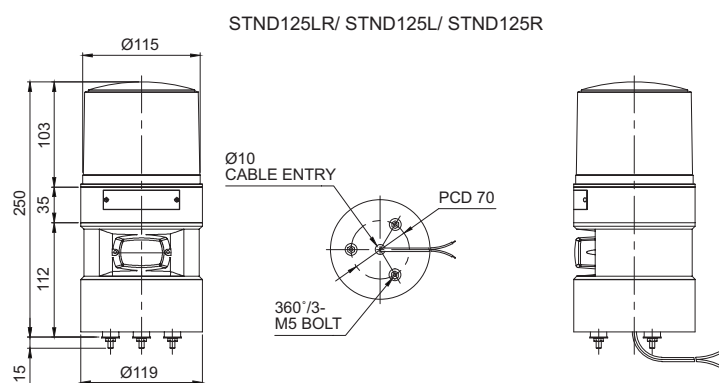## STND125R Bulb Revolving Signal Light & Electric Horn Combination

- Revolving speed : 120-140RPM

Model number	Voltage	Current	Bulb			Sound Pattern and Volume	Certificates	Weight	Color
			Spec	Standard	Parts no				
STND125R	DC12V	1.115A	12V10W	T16x35 15S	9	• Bit Input : 5Ch • Binary Input : 30Ch • Warning sound :105dB • MP3:98dB	CE DC24V only	1.27kg	● R-Red ● A-Amber ● G-Green ● B-Blue
	DC24V	0.865A	24V10W	T16x35 15S	10			1.27kg	
	AC110V -220V	Max. 0.350A	24V10W	T16x35 15S	10			1.62kg	

Technical Diagram
(Units : mm)

STND125LR/ STND125L/ STND125R

Ø115
103
250
35
112
15
Ø119

Ø10 CABLE ENTRY
PCD 70
360˚/3-M5 BOLT

Ordering Specification

| STND125LR | - | 24 | - | R |

[Model number]
- STND125LR
- STND125L
- STND125R

[Voltage]
- 12-DC12V
- 24-DC24V
- 12/24-DC12V-24V (STND125L only)
- 110/220-AC110V-220V

[Color]
- ● R-Red
- ● A-Amber
- ● G-Green
- ● B-Blue

Wiring Instructions

STND100R/STND100L/STND100LR/-DC/AC

EXTERNAL CONTACT

Red(R) — Ch 1
Amber(A) — Ch 2
Green(G) — Ch 3
Blue(B) — Ch 4
White(W) — Ch 5

Black(BK) — Common

White(W)
Black(BK) — Fuse — ⊕ ⊖ Power

STND100L-DC/AC

NPN-Transistor
EXTERNAL TRANSISTOR-NPN

Red(R) — Ch 1
Amber(A) — Ch 2
Green(G) — Ch 3
Blue(B) — Ch 4
White(W) — Ch 5

Black(BK) — Common

White(W)
Black(BK) — Fuse — ⊕ ⊖ Power
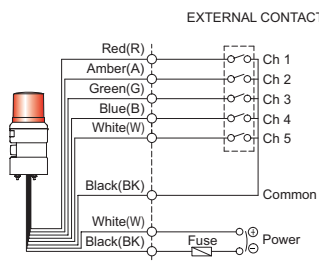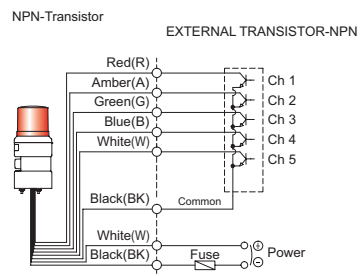
STND125R/STND125L/STND125LR/-DC/AC

EXTERNAL CONTACT

Red(R) — Ch 1
Amber(A) — Ch 2
Green(G) — Ch 3
Blue(B) — Ch 4
White(W) — Ch 5

Black(BK) — Common

White(W)
Black(BK) — Fuse — ⊕ ⊖ Power

STND125L-DC/AC

NPN-Transistor
EXTERNAL TRANSISTOR-NPN

Red(R) — Ch 1
Amber(A) — Ch 2
Green(G) — Ch 3
Blue(B) — Ch 4
White(W) — Ch 5

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White(W)
Black(BK) — Fuse — ⊕ ⊖ Power
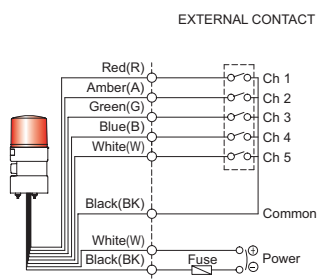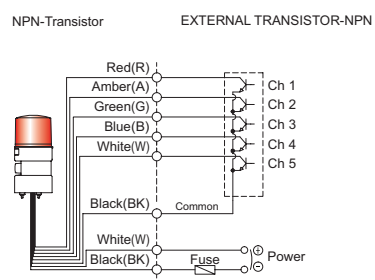
- In case of 6 Bits input, 5 sound tones can be played. For Binary input, 30 sound tones can be played.
- STND100R, STND100LR, STND125R, STND125LR : Black output line is Negative(-)

※ Detailed instructions for multi-functional products are shown on page 140. (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.