

# STND series

Versatile Signal/ Warning Lights with Built-in Buzzer

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

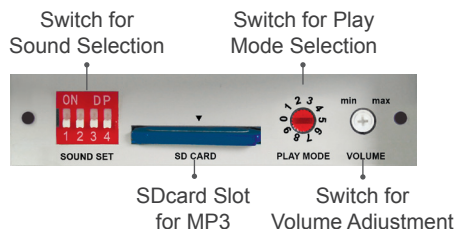
- 6 Bit input, 5 sound tones for each group
- Binary input 30 sound tones output
- SDcard(MP3) support

### 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 SDcard.

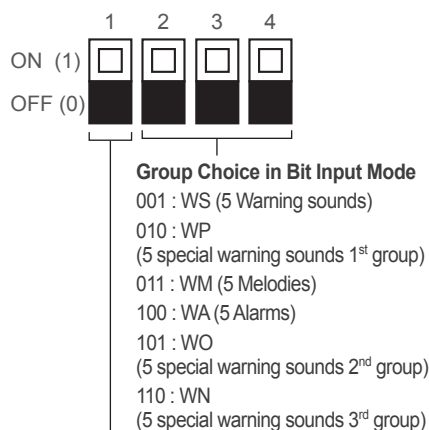
### Multifunctional Type

#### Features



#### Sound Setup Switch

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



#### Sound Selection

- 0 : Built-in sound
- 1 : SDcard(MP3)

- Built-in sounds(5WS, 5WP, 5WM, 5WA, 5WO and 5WN)
- Support SDcard(MP3)
- Binary Input : 30Ch
- Bit input : 5Ch(6 groups)
- Support MP3 format through SDcard
- Detailed instructions for multi-functional products are shown on page 26



Warning/Signal/Stackable



Signal & Electric Horn/Speakers



Vessels and Heavy-Duty Equipment



Explosion Proof



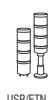
Warning Light Bar



Aviation Obstruction Lights



Signal Tower Lights



USB/ETN Signal Tower Lights



Electric Horn/Speakers



Industrial LED Lights

### 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
- SDcard 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 (1 <sup>st</sup> group)	Ch1	Fire.A-ANG	WO	5 special warning sounds (2 <sup>nd</sup> group)	Ch1	Phone Ring
		Ch2	Abandon Alarm			Ch2	Police
		Ch3	Machinery Fault			Ch3	Emergency
		Ch4	High Expansion			Ch4	Phone Ring 2
		Ch5	7 Short PI. / 1 Long			Ch5	911 siren
WM	5 Melodies	Ch1	Sweet Home	WN	5 special warning sounds (3 <sup>rd</sup> group)	Ch1	Do-ong Do-ong
		Ch2	For Elise			Ch2	Di- Di-
		Ch3	Cuckoo's Waltz			Ch3	PI.PI.PI long
		Ch4	Piano Sonata			Ch4	Li long Li long
		Ch5	Turkish March			Ch5	Siren

### User-defined sound (MP3)

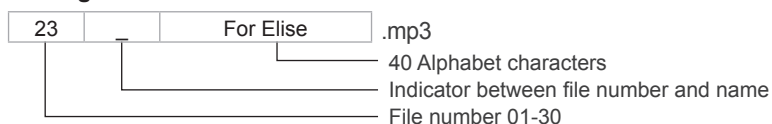
#### User-defined sound(MP3) type



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

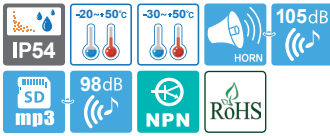
\*SDcard needs to be purchased.

#### MP3 file naming



# STND series

## Multifunctional Signal/ Warning Lights with Built-in Buzzer



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

### **STND100LR** 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
STND100LR	DC12V	0.880A	<ul style="list-style-type: none"> <li>• Bit input : 5Ch</li> <li>• Binary Input : 30Ch</li> <li>• Warning sound : 105dB</li> <li>• MP3 : 98dB</li> </ul>	-	1.40kg	• R-Red
	DC24V	0.520A			1.40kg	• A-Amber
	AC110V	0.180A			1.62kg	• G-Green
	AC220V	0.110A			1.62kg	• B-Blue

### **STND100L** 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, UL Listed
- Compliant with RoHS directive

Model number	Voltage	Current	Sound Pattern and Volume	Certificates	Weight	Color
STND100L	DC12V	0.750A	<ul style="list-style-type: none"> <li>• Bit input : 5Ch</li> <li>• Binary Input : 30Ch</li> <li>• Warning sound : 105dB</li> <li>• MP3 : 98dB</li> </ul>	 DC24V Only	1.37kg	• R-Red
	DC24V	0.450A			1.37kg	• A-Amber
	AC110V	0.158A			1.78kg	• G-Green
	AC220V	0.090A			1.78kg	• B-Blue

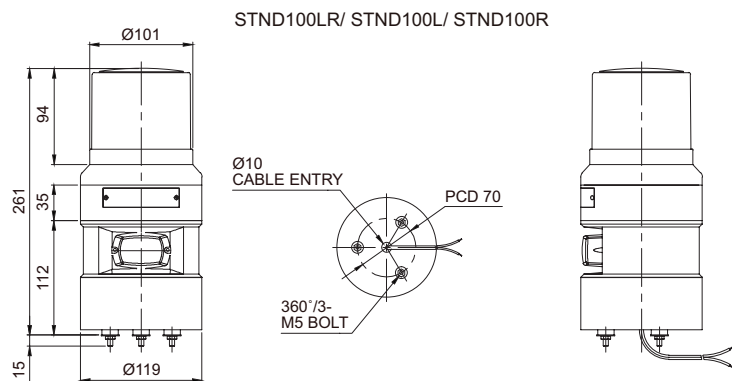
### **STND100R** Bulb Revolving Signal Light & Electric Horn Combination

- Revolving speed : 120-140RPM

Model number	Voltage	Current	Bulb			Sound Pattern and Volume	Certificates	Weight	Color
			Spec	Standard	Parts no				
STND100R	DC12V	1.420A	12V10W	T16x35	15S	<ul style="list-style-type: none"> <li>• Bit Input : 5Ch</li> <li>• Binary Input : 30Ch</li> <li>• Warning sound:105dB</li> <li>• MP3:98dB</li> </ul>	-	1.57kg	• R-Red
	DC24V	0.820A	24V10W	T16x35	15S			1.57kg	• A-Amber
	AC110V	0.230A	12V10W	T16x35	15S			1.82kg	• G-Green
	AC220V	0.130A	12V10W	T16x35	15S			1.82kg	• B-Blue

### **Technical Diagram**

(Units : mm)



### **Ordering Specification**

<b>STND100LR</b>	-	<b>24</b>	-	<b>R</b>
[Model number]		[Voltage]		[Color]
<ul style="list-style-type: none"> <li>• STND100LR</li> <li>• STND100L</li> <li>• STND100R</li> </ul>		<ul style="list-style-type: none"> <li>• 12-DC12V</li> <li>• 24-DC24V</li> <li>• 110-AC110V</li> <li>• 220-AC220V</li> </ul>		<ul style="list-style-type: none"> <li>• R-Red</li> <li>• A-Amber</li> <li>• G-Green</li> <li>• B-Blue</li> </ul>



STND100LR



STND100L



STND100R

# STND series

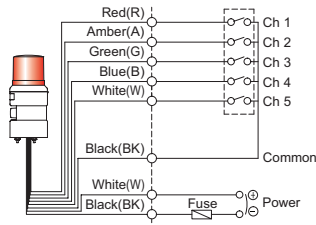
## Multifunctional Signal/ Warning Lights with Built-in Buzzer



### Wiring Instructions

STND100R/STND100L/STND100LR-DC/AC

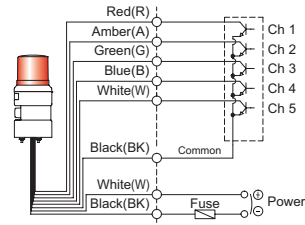
EXTERNAL CONTACT



STND100DL-DC/AC

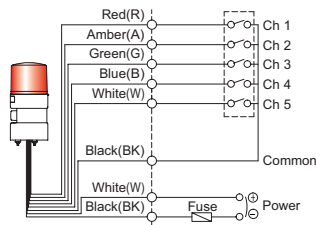
NPN-Transistor

EXTERNAL TRANSISTOR-NPN



STND125R/STND125L/STND125LR-DC/AC

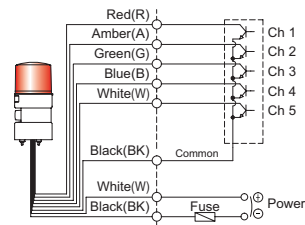
EXTERNAL CONTACT



STND125DL-DC/AC

NPN-Transistor

EXTERNAL TRANSISTOR-NPN



• In case of 6 Bits input, 5 sound tones can be played. For Binary input, 30 sound tones can be played.

※ Detailed instructions for multi-functional products are shown on page 26. (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.