

STND series

Versatile Signal/ Warning Lights with Built-in Buzzer

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

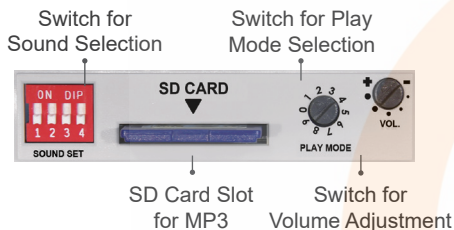
- 6 Bit input, 5 sound tones for each group
- Binary input 30 sound tones output
- SD Card(MP3) support

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.

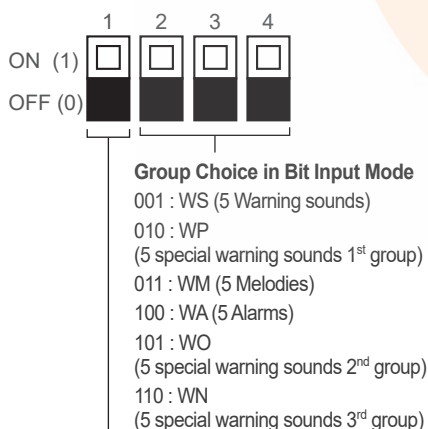
Multifunctional Type

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	Pl.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 Pl. / 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)

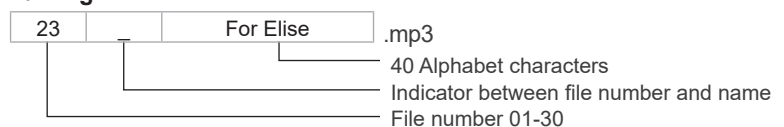
User-defined sound(MP3) type



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

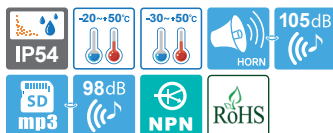
*SD Card needs to be purchased.

MP3 file naming



STND series

Multifunctional Signal/ Warning Lights with Built-in Buzzer



- 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 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	0.445A	• Bit input : 5Ch • Binary Input : 30Ch • Warning sound : 105dB • MP3 : 98dB	DC24V only	1.40kg	• R-Red
	DC24V	0.450A			1.40kg	• A-Amber
	AC110V	Max.			1.62kg	• G-Green
	-220V	0.170A				• 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	Max.	• Bit input : 5Ch • Binary Input : 30Ch • Warning sound : 105dB • MP3 : 98dB	DC24V only	1.37kg	• R-Red
	-24V	0.485A				• A-Amber
	AC110V	Max.			1.78kg	• G-Green
	-220V	0.190A				• B-Blue



STND100R Bulb Revolving Signal Light & Electric Horn Combination

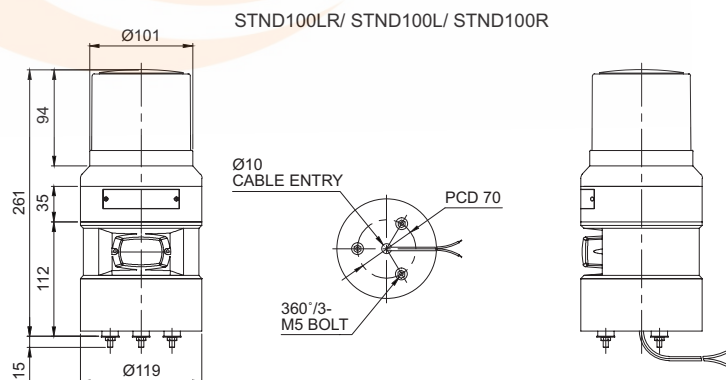
- Revolving speed : 120-140RPM

Model number	Voltage	Current	Bulb Spec	Standard	Parts no	Sound Pattern and Volume	Certificates	Weight	Color
STND100R	DC12V	1.130A	12V10W	T16x35 15S	9	• Bit Input : 5Ch • Binary Input : 30Ch • Warning sound : 105dB • MP3:98dB	DC24V only	1.57kg	• R-Red
	DC24V	0.865A	24V10W	T16x35 15S	10			1.57kg	• A-Amber
	AC110V	Max.	24V10W	T16x35 15S	10			1.82kg	• G-Green
	-220V	0.350A							• B-Blue



Technical Diagram

(Units : mm)



Ordering Specification

STND100LR	-	24	-	R
[Model number]		[Voltage]		[Color]
• STND100LR • STND100L • STND100R		• 12-DC12V • 24-DC24V • 12/24-DC12V-24V (STND100L only) • 110/220-AC110V-220V		• R-Red • A-Amber • G-Green • B-Blue

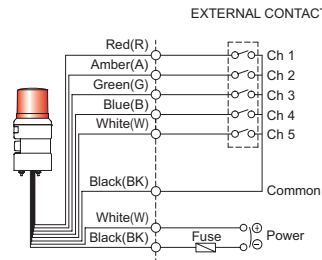
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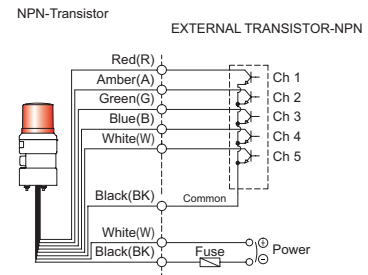


Wiring Instructions

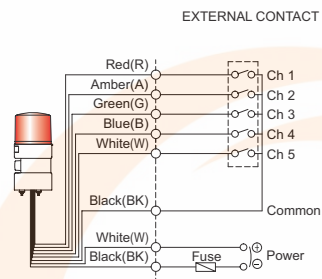
STND100R/STND100L/STND100LR-DC/AC



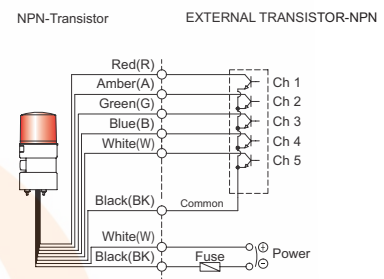
STND100L-DC/AC



STND125R/STND125L/STND125LR-DC/AC



STND125L-DC/AC



- 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.