

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

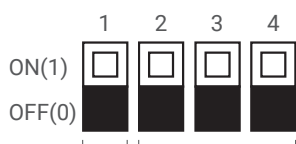
- Combination of warning light and horn allows transmission of both visual and audible signals together
- Appropriate sound tones can be chosen depending on the various working environments among the various type of available sound tones
- Sound tone selector and volume controller in front of the device 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.



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)

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)

- 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

· STNDL / STND100,125(MP3)

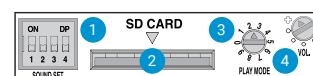
- User defined 30 sounds
- 30 built-in sounds

· 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.

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	650mA	·Bit Input: 5Ch	CE	1.40kg	● R-Red
	DC24V	450mA	·Binary Input: 30Ch		1.40kg	● A-Amber
	AC110V -220V	Max. 180mA	·Built-in sounds: Max.105dB (Based on WS-Ch5) ·MP3: Max.98dB		1.62kg	● G-Green ● B-Blue

- 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	Max.	·Bit Input: 5Ch	CE	1.37kg	● R-Red
	-24V	485mA	·Binary Input: 30Ch			● A-Amber
	AC110V -220V	Max. 190mA	·Built-in sounds: Max.105dB (Based on WS-Ch5) ·MP3: Max.98dB		1.78kg	● G-Green ● B-Blue

- 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

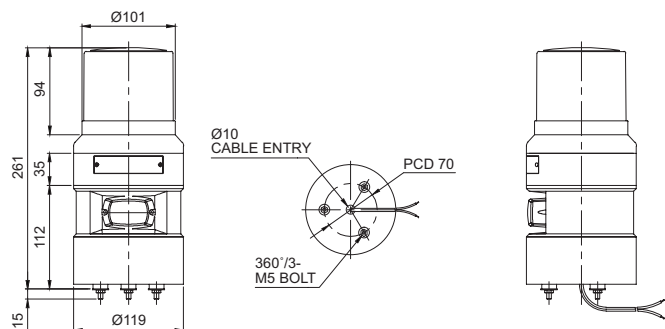
Model number	Voltage	Current	Bulb			Sound pattern and volume	Certificates	Weight	Color
			Spec	Standard	Parts no				
STND 100R	DC12V	1.2A	12V10W		9	·Bit Input: 5Ch	CE	1.57kg	● R-Red
	DC24V	865mA	24V10W	T16x35 15S	10	·Binary Input: 30Ch		1.57kg	● A-Amber
	AC110V -220V	Max. 350mA	24V10W		10	·Built-in sounds: Max.105dB (Based on WS-Ch5) ·MP3: Max.98dB		1.82kg	● G-Green ● B-Blue

- 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



Ordering Specification

STND100LR	-	24	-	R	-	INSD
[Model number]		[Voltage]		[Color]		[Including SD card]
STND100LR		12-DC12V		● R-Red		None-Without
STND100L		24-DC24V		● A-Amber		SD card
STND100R		12/24-DC12V-24V (STND100L only)		● G-Green		INSD-Including
		110/220-AC110V-220V		● B-Blue		SD card










STND125LR LED Revolving Light & Electric Horn

Model number	Voltage	Current	Sound pattern and volume	Certificates	Weight	Color
STND125LR	DC12V	650mA	·Bit Input: 5Ch	CE	1.35kg	● R-Red
	DC24V	450mA	·Binary Input: 30Ch		1.35kg	● A-Amber
	AC110V	Max.	·Built-in sounds: Max.105dB		1.73kg	● G-Green
	-220V	180mA	(Based on WS-Ch5)			● B-Blue
			·MP3: Max.98dB			

- 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

STND125L LED Steady/Flashing Light & Electric Horn

Model number	Voltage	Current	Sound pattern and volume	Certificates	Weight	Color	
STND125L	DC12V	Max.	·Bit Input: 5Ch		1.32kg	 R-Red	
	-24V	515mA	·Binary Input: 30Ch			1.65kg	 A-Amber
	AC110V	Max.	·Built-in sounds: Max.105dB				 G-Green
	-220V	210mA	(Based on WS-Ch5)				 B-Blue
			·MP3: Max.98dB				

- 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, UL Listed: DC24V

STND125R Bulb Revolving Light & Electric Horn

Model number	Voltage	Current	Bulb			Sound pattern and volume	Certificates	Weight	Color
			Spec	Standard	Parts no				
STND 125R	DC12V	1.2A	12V10W	T16x35 15S	9	·Bit Input: 5Ch ·Binary Input: 30Ch	CE	1.27kg	<div><div></div>R-Red</div>
	DC24V	865mA	24V10W		10	·Built-in sounds: Max.105dB		1.27kg	<div><div></div>A-Amber</div>
	AC110V -220V	Max. 350mA	24V10W		10	(Based on WS-Ch5) · MP3: Max.98dB		1.62kg	<div><div></div>G-Green</div> <div><div></div>B-Blue</div>

- 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.



STND125LR



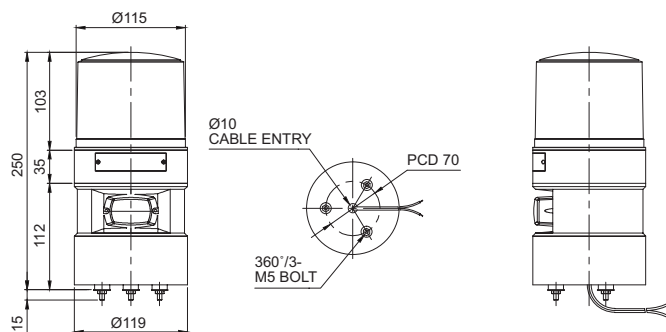
STND125L



STND125R

Technical Diagram

Units: mm



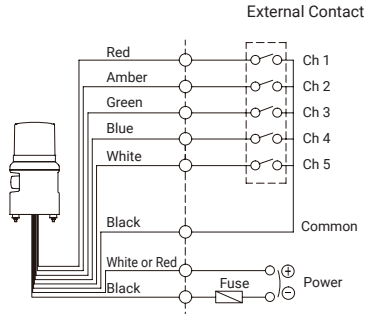
Ordering Specification

STND125LR	-	24	-	R	-	INSD
[Model number]		[Voltage]		[Color]		[Including SD card]
STND125LR		12-DC12V		● R-Red		None-Without SD card
STND125L		24-DC24V		● A-Amber		card
STND125R		12/24-DC12V-24V		● G-Green		INSD-Including SD card
		(STND125L only)		● B-Blue		
		110/220-AC110V-220V				

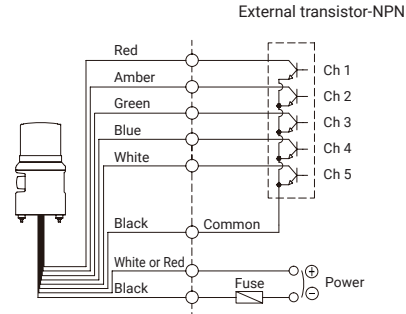
STND Series

Wiring Instructions

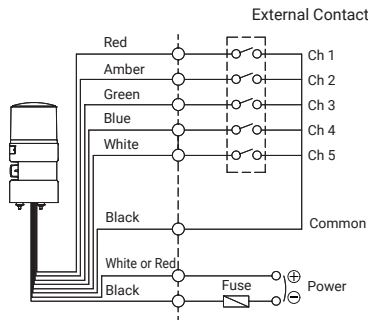
·STND100LR / STND100L / STND100R-DC/AC
·STND100LR-N/STND100L-N/STND100R-N-DC/AC



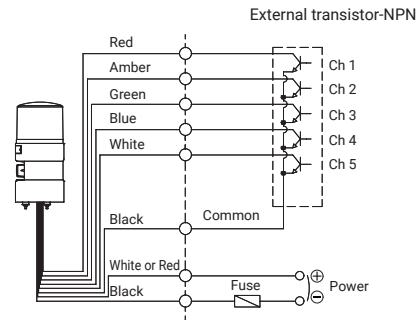
·STND100DL-DC/AC
·STND100L-N-DC/AC



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



·STND125DL-DC/AC
·STND125L-N-DC/AC



- 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.