SNTOOM®

Audible & Visual Alarm
Explosion-proof Audible & Visual Alarm
Motor Siren
Electric Sirens
Explosion-proof Electric Sirens
Hand-crank Siren

ZHEJIANG SHUNTONG ELECTRIC CO.,LTD.

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SHUNTONG ELECTRIC CO., LTD

Enterprise Introduction

Zhejiang Shuntong Electric Co.,Ltd. is a professional manufacturer specializing in R & D, production and sales. The company has passed ISO9001: 2000 quality management system standard requirements certification. Specializing in industrial alarm, communication, lighting, aviation warning etc. Independently developed products are widely used in iron and steel metallurgy, telecommunications towers, lifting machinery, engineering machinery, ports and terminals, transportation, wind power generation, and ocean shipping. The company now has more than 20 professional and technical personnel, becoming one of the professional suppliers in this field, and has won wide recognition from customers.

Let everyone work safely, and let their families and people around them live a healthy life , provide safety warnings and security for people in high–risk areas of work, committed to R & D, design and manufacture of high–reliability industrial alarms, industrial lamps, industrial communication, industrial sensing, personal protection and other products.

Only if we master the most precise engineering technology can we provide the highest quality products and let everyone work in a safe environment. Taking the task of "providing safety warnings for heavy industry, steel, mining, ports and terminals, wind power and other fields", we believe that our products play a vital role for workers all over the world.

The company follows the market–oriented, customer–centric, and integrity–based principles to ensure quality and cost reduction, improve management and efficiency, and to benefit customers with low prices and good quality. The company will wholeheartedly provide users with quality products and satisfactory services. Is willing to work with our customers to build the "Shuntong" brand and create a brilliant tomorrow.

Contents

AUDIBLE & VISUAL ALARM

Product Introduction

Audible and visual alarm is a kind of alarm signal device used in dangerous places to send out warning signals to people through sound and lights. When an emergency situation such as an accident or fire occurs at the production site, the control signal sent by alarm controller activates the alarm circuit to send out sound and light alarm signals to complete the alarm purpose. The alarm shell is made of stainless steel, the lamp shell has strong impact resistance, 180° clearly visible super bright LED light-emitting tube, equipped with super buzzer, stable work, long service life, low power consumption, and not affected by pollutants and water.

Application field

Iron and steel metallurgy, telecommunications towers, cranes, construction machinery, ports, transportation, wind power, ocean-going ships etc.

Installation Matters

(1)The installation height of the alarm should be above 180cm for the maintenance personnel to carry out daily maintenance.
(2) The alarm is a safety instrument with sound and light display functions. It should be installed in a place where personnel can easily see and hear.
(3)No strong electromagnetic fields (such as high-power motors, transformers) around the alarm.
(4) Cut off the power before installation to prevent burn out alarm.
(5) Check whether the power supply is consistent with the rated voltage of the alarm.
(6) Make sure the wiring is accurate before turning on the power (DC should be distinguished between positive and negative).
(7) Ensure the alarm is well grounded.
(8) When installing, the warning light should face upwards and use expansion screws for wall mounting.

Maintenance

(1) Regularly check the performance of the sound and light alarm when in use. If damaged, it should be repaired by professionals.
(2) Clean the dust regularly and check the working status.
(3) When the temperature is low, drip some lubricating oil on the rotating part.
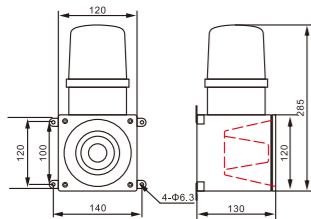
Operation & Use instructions

Wiring: The audible and visual alarm is a two-wire connection.
Brown / Red ----------- Live wire / +
Blue / Black ----------- Neutral wire /-
According to the working voltage provided by the real object, the red color of DC is "+", the black is "-", and the positive and negative poles of AC are not divided.Working mode: power on, the horn sounds, and the warninglight flashes. Grounding: There is a " ⊕ " grounding sheet at the bottom of the sound and light alarm. Use solder wire to weld the ground wire and the ground sheet to ensure that the sound and light alarm is well grounded. Or use a grounding wire to wind and fix the screw of the grounding plate, and then tighten the screw of the grounding plate to ensure that the sound and light alarm is well grounded.
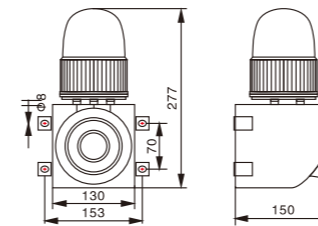
STSG-01

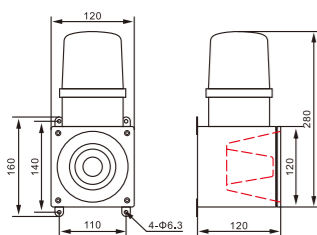**Functions and features**
1. With volume and type adjustment switch,simple to use, continuous work for a long time.
2. Special integrated chip design, super electrom-agnetic anti-interference performance.
3. The inner core of the flash lamp is an LED tube, which is made of the characteristics of a single-chip microcomputer. The number of flashes per second can be determined according to customer requirements.
4. The shell is made of aluminum alloy die-casting, which can effectively resist salt spray corrosion and has good waterproof, moisture-proof and shock-proof functions.
5. Conventional 3 kinds of alarm sounds, siren sound, fire sound, and ambulance sound. The sound can be customized.

Parameters

Model	STSG-01	Frequency	50/60Hz
Work humidity	-30℃~+70℃	Protection grade	IP56
Net weight	1.6kg	Voltage	DC12V/24V AC220V/380V
Decibel	106~120dB	Color(Lamp)	Red Yellow Blue Green
Dimension	140(L)×130(W)×285(H)mm		
Material	Shade：Aluminum alloy Lamp：PC		

Application field：Suitable for large and medium-sized cranes and ship terminal conveying equipment in port machinery and electromechanical industries.
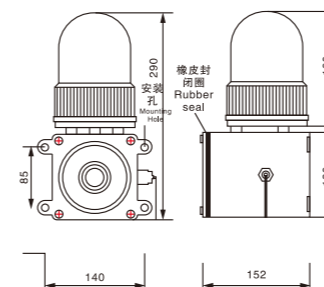
STSG-02

Functions and features
1. With volume and type adjustment switch,simple to use, continuous work for a long time.
2. Special integrated chip design, super electromagnetic anti-interference performance.
3. The inner core of the flash lamp is an LED tube,service life exceeds 100,000 hours.
4. The shell is made of aluminum alloy die-casting, which can effectively resist salt spray corrosion and has good waterproof, moisture-proof and shock-proof functions.
5. Conventional 3 kinds of alarm sounds, siren sound, fire sound, and ambulance sound. The sound can be customized.

Parameters

Model	STSG-02	Frequency	50/60Hz
Work humidity	-30℃~+70℃	Protection grade	IP56
Net weight	2.5kg	Voltage	DC12V/24V AC220V/380V
Decibel	106~120dB	Color(Lamp)	Red Yellow Blue Green
Dimension	120(L)×210(W)×285(H)mm		
Material	Shade：Aluminum alloy Lamp：PC Speaker：ABS		

Application field：Suitable for large and medium-sized cranes and ship terminal conveying equipment in port machinery and electromechanical industries.
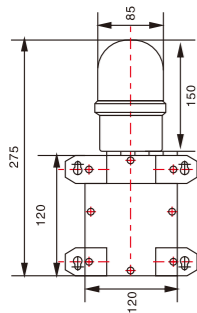
STSG-03

Functions and features
1. Simple to use, continuous work for a long time.
2. Special integrated chip design, super electromagnetic anti-interference performance.
3. The inner core of the flash lamp is an LED tube,which has a long service life.
4. The shell is made of aluminum alloy die-casting, which can effectively resist salt spray corrosion and has good waterproof, moisture-proof and shock-proof functions.

Parameters

Model	STSG-03	Frequency	50/60Hz
Work humidity	-30℃~+70℃	Protection grade	IP56
Net weight	2.3kg	Voltage	DC12V/24V AC220V/380V
Decibel	106~120dB	Color(Lamp)	Red Yellow Blue Green
Current	125A	Dimension	187(L)×191(W)×310(H)mm
Power	10~25W	Material	Shade：Aluminum alloy Lamp：PC
Tone	Siren sound, other tones can be customized.		

Application field：Suitable for large and medium-sized cranes and ship terminal conveying equipment in port machinery and electromechanical industries.

STSG-05
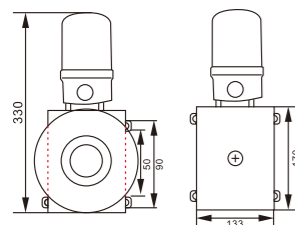
Functions and features
1. Simple to use, continuous work for a long time.
2. Special integrated chip design, super electromagnetic anti-interference performance.
3. The inner core of the flash lamp is an LED tube,which has a long service life.
4. The shell is made of aluminum alloy die-casting, which has good waterproof, moisture-proof and shock-proof functions.

Parameters

Model	STSG-05	Frequency	50/60Hz
Work humidity	-30℃~+70℃	Protection grade	IP56
Sound frequency	800Hz（Tone D）	Material	Shade：ABS Lamp：PC
Net weight	1.2kg	Voltage	DC12V/24V AC220V/380V
Decibel	110dB	Color(Lamp)	Red Yellow Blue Green
Power	10~25W	Dimension	140(L)×152(W)×290(H)mm
Tone	Siren sound, other tones can be customized.		

Application field：Suitable for safety signal devices of expressways，road junctions, underground tunnels and cranes.

STSG-10

Functions and features
1. Simple to use, continuous work for a long time.
2. Special integrated chip design, super electromagnetic anti-interference performance.
3. The inner core of the flash lamp is an LED tube,which has a long service life.
4. The shell is made of aluminum alloy die-casting, which has good waterproof, moisture-proof and shock-proof functions.

Parameters

Model	STSG-10	Frequency	50/60Hz
Work humidity	−30℃~+70℃	Protection grade	IP56
Net weight	1.1kg	Voltage	DC12V/24V AC220V/380V
Decibel	110dB	Color(Lamp)	Red Yellow Blue Green
Sound frequency	800Hz（Tone D）	Dimension	120(L)×120(W)×275(H)mm
Material	Shade:Aluminum alloy Lamp:PC		
Tone	Siren sound, other tones can be customized.		

Application field：Suitable for large and medium−sized cranes and ship terminal conveying equipment in port machinery and electromechanical industries.

STSG-10Y

Functions and features
1. Infrared sensor probe, wide detection range.
2. Remote wireless remote control, the longest distance can reach 1000m.
3. Special integrated chip design, super electromagnetic anti-interference performance.
4. The inner core of the flash lamp is an LED tube,which has a long service life.
5. The shell is made of aluminum alloy die-casting, which has good waterproof, moisture-proof and shock-proof functions.

Parameters

Model	STSG-10Y	Sound frequency	800Hz（Tone D）
Work humidity	−30℃~+70℃	Protection grade	IP56
Frequency	50/60Hz	Voltage	DC12V/24V AC220V/380V
Net weight	3.1kg	Color(Lamp)	Red Yellow Blue Green
Decibel	120dB	Dimension	133(L)×133(W)×330(H)mm
Material	Shade：Aluminum alloy Lamp：PC Speaker：ABS		
Tone	Siren sound, other tones can be customized.		

Application field：Suitable for machinery，bridges，industrial ports，warehouses，cranes and industrial exhaust emissions.

STSG-22

Functions and features
1. With volume and type adjustment switch,7 kinds of sounds can be selected..
2. Special integrated chip design, super electromagnetic anti-interference performance.
3. The inner core of the flash lamp is an LED tube, which is made of the characteristics of a single-chip microcomputer. The number of flashes per second can be determined according to customer requirements.
4. The shell is made of aluminum alloy die-casting, which can effectively resist salt spray corrosion and has good waterproof, moisture-proof and shock-proof functions.
5. Stainless steel mesh cover effectively protects the warning lights and prevents collisions.

Parameters

Model	STSG-22	Frequency	50/60Hz
Work humidity	−30℃~+70℃	Protection grade	IP56
Net weight	1.1kg	Voltage	DC12V/24V AC220V/380V
Decibel	106~140dB	Color(Lamp)	Red Yellow Blue Green
Output power	6~25W	Dimension	120(L)×120(W)×275(H)mm
Sound frequency	800Hz（Tone D）	Material	Shade：Aluminum alloy Lamp：PC
Tone	Siren sound, other tones can be customized.		

Application field：Suitable for safety signal devices of expressways，road junctions，underground tunnels and cranes.

STSG-22T
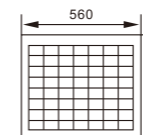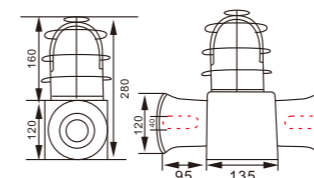
Functions and features
1. With volume and type adjustment switch,7 kinds of sounds can be selected..
2. Large area solar panel, large capacity battery, long working time.
3. Light control sensor, switch control.
4. The shell is made of aluminum alloy die-casting, which can effectively resist salt spray corrosion and has good waterproof, moisture-proof and shock-proof functions.
5. Stainless steel mesh cover effectively protects the warning lights and prevents collisions.
6. Dual speakers alarm , wide spreading range.

太阳能版尺寸
Solar panel size

Parameters

Model	STSG-22T	Frequency	50/60Hz
Work humidity	−30℃~+70℃	Protection grade	IP56
Sound frequency	800Hz（Tone D）	Material	Shade：Aluminum alloy Lamp：PC
Net weight	3.5kg	Voltage	DC12V/24V AC220V/380V
Decibel	106~140dB	Color(Lamp)	Red Yellow Blue Green
Output power	6~25W	Dimension	315(L)×120(W)×280(H)mm
Solar panels	Polycrystalline silicon solar power panel		
Tone	A，other tones can be customized.		

Application field: Suitable for large and medium−sized cranes and ship terminal conveying equipment in port machinery and electromechanical industries.

STSG-50
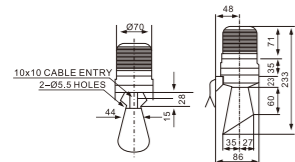
Functions and features

1. Built-in high volume buzzer, the maximum decibel can reach 100dB.
2. Built-in diffuser light, high visibility ,which can be long-bright or flashing.
3. Wall-mounted installation, compact and convenient, can be installed in a small space.

Parameters

Model	STSG-50	Frequency	50/60Hz
Flash	60~80t/min	Protection grade	IP54
Net weight	1.5kg	Voltage	DC12V/24V AC220V/380V
Decibel	100dB	Color(Lamp)	Red Yellow Blue Green
Power	10W	Dimension	86(L) × 70(W) × 233(H)mm

Application field：Suitable for safety signal devices of expressways，road junctions,underground tunnels and cranes.

10x10 CABLE ENTRY 2-Ø5.5 HOLES

STSG-200

Functions and features

1. Double speaker electronic buzzer with loud alarm sound.
2. Made of ABS engineering plastic, light weight and anti-corrosion.
3. Alarm light core is LED tube, warning light flashing times can be customized.

Parameters

Model	STSG-200	Sound frequency	800Hz（Tone D）
Decibel	106~120dB	Protection grade	IP56
Net weight	1.85kg	Color(Lamp)	Red Yellow Blue Green
Frequency	50/60Hz	Voltage	DC12V/24V AC220V/380V
Power	10~25W	Material	Shade：ABS Lamp：PC
Dimension	250(L) × 210(W) × 320(H)mm		

Application field: Suitable for safety signal devices of expressways，road junctions，underground tunnels and cranes.

STSG-808
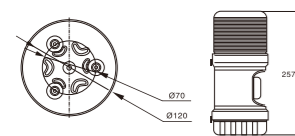
Functions and features

1. LED flashing light source, high-brightness flashing, 100 times/min.
2. Built-in 5 kinds of voices, 3 kinds of alarm tones can be selected, wide application range.
3. Intelligent sound and light alarm with adjustable volume.
4. The lampshade is made of PC material, good light transmission, UV resistance and aging resistance.

Parameters

Model	STSG-808	Power	20W
Decibel	90~114dB	Protection grade	IP56
Net weight	1.2kg	Color(Lamp)	Red
Frequency	10/20Hz	Voltage	DC12V/24V AC220V/380V
Material	Shade：ABS Lamp：PC		
Dimension	120(L) × 120(W) × 257(H)mm		
Tone	Siren sound，other tones can be customized.		

Application field：Suitable for safety signal devices of expressways，road junctions，underground tunnels and cranes.
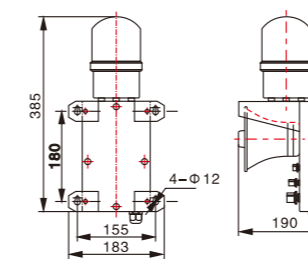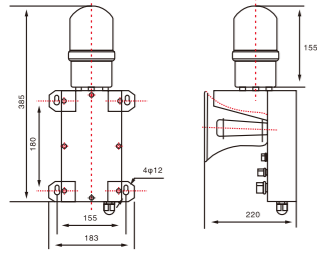

STSG-06
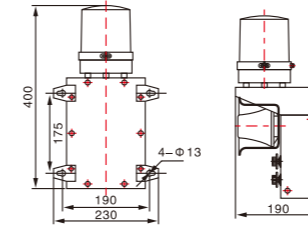
Functions and features

1. This product has 6 voices and 1 alarm sound.
2. The shell is made of high-quality steel die-casting,effectively resist salt spray corrosion, rainproof and dustproof.
3. With voice and volume adjustment switches, the operation is simple and convenient.

Parameters

Model	STSG-06	Frequency	50/60Hz
Current	1.5A	Protection grade	IP56
Net weight	5.1kg	Voltage	AC220V/380V
Decibel	110dB	Color(Lamp)	Red
Power	25W	Dimension	230(L) × 190(W) × 400(H)mm
Contact capacity	24V~380V DC/AC	Material	Shade：steel Lamp：PC
Tone	Alarm sound，air defense sound，engineering sound，voice prompt.		

Application field：Suitable for safety signaling devices of large and medium-sized cranes and ships，terminal conveying equipment in port machinery，electromechanical industries，expressways，underground tunnels and cranes.

STSG-07

Functions and features

1. This product has 6 voices and 1 alarm sound.
2. The shell is made of high-quality steel die-casting, effectively resist salt spray corrosion, rainproof and dustproof.
3. With voice and volume adjustment switches, the operation is simple and convenient.

Parameters

Model	STSG-07	Frequency	50/60Hz
Current	3A	Protection grade	IP56
Net weight	5.1kg	Voltage	AC220V/380V DC24V/48V
Decibel	120dB	Color(Lamp)	Red
Contact capacity	24V~380V DC/AC 1.5A	Dimension	183(L) × 190(W) × 385(H)mm
Power	20w、30w、60w、80w、100w	Material	Shade：steel Lamp：PC
Tone	Alarm sound，air defense sound，engineering sound，voice prompt.		

Application field：Suitable for safety signaling devices of large and medium-sized cranes and ships，terminal conveying equipment in port machinery，electromechanical industries，expressways，underground tunnels and cranes.

STSG-YH-07

Functions and features
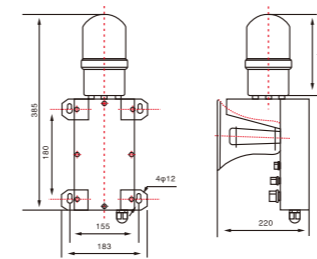1. This product is an upgraded version of 07, with large speakers and louder sound.
2. This product has 6 voices and 1 alarm sound.
3. The shell is made of high-quality steel die-casting, effectively resist salt spray corrosion, rainproof and dustproof.
4. With voice and volume adjustment switches, the operation is simple and convenient.

Parameters

Model	STSG-YH5-07	Frequency	50/60Hz
Current	3A	Protection grade	IP56
Net weight	5.1kg	Voltage	AC220V/380V DC24V/48V
Decibel	130dB	Color(Lamp)	Red
Contact capacity	24V~380V DC/AC 1.5A	Dimension	183(L) × 220(W) × 385(H)mm
Power	20w、30w、60w、80w、100w	Material	Shade：steel Lamp：PC
Tone	Alarm soun，air defense sound engineering sound， voice prompt.		

Application field：Suitable for safety signaling devices of large and medium-sized cranes and ships，terminal conveying equipment in port machinery，electro mechanical industries，expressways，nderground tunnels and cranes.

STSG-08

Functions and features
1. This product has 6 voices and 1 alarm sound.
2. The shell is made of high-quality steel die-casting, effectively resist salt spray corrosion, rainproof and dustproof.
3. With voice and volume adjustment switches, the operation is simple and convenient.
4. Warning lights include rotating incandescent lights and LED strobe lights.

Parameters

Model	STSG-08	Frequency	50/60Hz
Color(Lamp)	Red	Protection grade	IP56
Net weight	5.3kg	Voltage	AC220V/380V DC24V/36V
Decibel	120dB	Dimension	200(L) × 195(W) × 435(H)mm
Sound power	50-200W	Material	Shade：steel Lamp：PC
Light power	Incandescent lights：10w LED：2.5w		
Tone	Alarm soun，air defense sound engineering sound， voice prompt.		

Applicationfield：suitable for safety signaling devices of large and medium-sized cranes and ships，terminal conveying equipment in port machinery electro mechanical industries，expressways, underground tunnels and cranes.

STSG-KGL-156
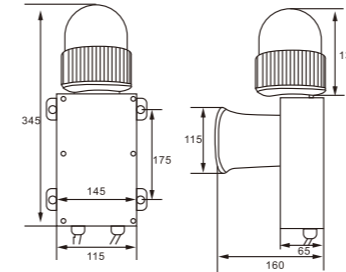
Product description
STSG-KGL-156 switch signal alarm is a new product developed by our company according to the actual requirements of customers.
This product detects abnormal conditions through external equipment, outputs a switch alarm signal, automatically triggers the alarm, and the alarm uses sound and light to alarm, which is timely and effective.

Features
1. The product can be connected to 9 external devices at the same time, if other quantities are required, it can be customized.
2. The product has 9 voices, and each external device is connected to one voice.

Parameters

Model	STSG-KGL-156	Frequency	50/60Hz
Color(Lamp)	Red	Protection grade	IP56
Net weight	5.8kg	Voltage	AC110V/220V/380V DC12V/24V
Decibel	120dB	Dimension	150(L) × 160(W) × 345(H)mm
Material	Shade：steel Lamp：PC		
Tone	Alarm sound，air defense sound, engineering sound, voice prompt.		

Application field：Suitable for safety signaling devices of large and medium-sized cranes and ships，terminal conveying equipment in port machinery，electromechanical industries，expressways，underground tunnels and cranes.

SJ-02

Functions and features
1. This product has 6 voices and 1 alarm sound.
2. The shell is made of aluminum alloy die-casting,effectively resist salt spray corrosion, rainproof and dustproof.

Parameters

Model	SJ-2	SJ-2L	SJ-3W	SJ-3L
Light	Incandescent lamp	LED	Incandescent lamp	LED
Decibel	110dB	120dB		
Color(Lamp)	Red,yellow,blue	Voltage	DC12V / 24V , AC36V / 110V / 220V / 380V	
Contact capacity	24V~380V DC/AC 1.5A	Material	Aluminum alloy	
Protection grade	IP56	Dimension	250(L) × 220(W) × 480(H)mm	
Net weight	5.5kg			

Application：Suitable for safety signaling devices of large and medium-sized cranes and ships, terminal conveying equipment in port machinery, electro mechanical industries, expressways, underground tunnels and cranes.
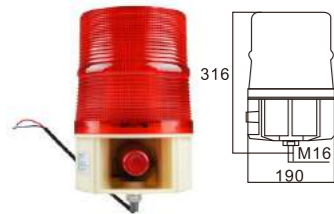
SHD2L

Functions and features
1.This product has 6 voices and 1 alarm sound.
2.The shell is made of aluminum alloy die-casting,effectively resist salt spray corrosion, rainproof and dustproof.
3.Double speaker design, the sound is louder.
4.With voice and volume adjustment switches, the operation is simple and convenient.

Parameters

Model	SHD2L	Frequency	50/60Hz
Net weight	3.5kg	Protection grade	IP56
Decibel	106~120dB	Voltage	AC220V/380V DC24V/36V
Color(Lamp)	Red,yellow	Dimension	31.5(L) × 12(W) × 28(H)cm
Contact capacity	24V~380V DC/AC 1.5A	Material	Shade：aluminum alloy Lamp：PC
Tone	Alarm sound，air defense sound，engineering sound，voice prompt.		
Application field：Suitable for safety signaling devices of large and medium-sized cranes and ships，terminal conveying equipment in port machinery，electromechanical industries，expressways，underground tunnels and cranes.			

DWJ-10

Features
1. With a small speaker, the sound is loud and clear.
2. High-quality transparent lampshade, using high-quality PC material, waterproof and dustproof.
3. Install the base with bolts, install and fix to prevent vibration.

316

M16
190

Parameters

Model	DWJ-10	Decibel	110dB
Color(Lamp)	Red ,yellow	Dimension	190(L) × 190(W) × 316(H)m
Net weight	0.95kg	Voltage	DC12V / 24V , AC36V / 110V / 220V / 380V
Material	Base：ABS Shade：PC		

BC-809

Features
1. High-brightness flashing, loud alarm sound and optional tone.
2. The lampshade is made of PC material, which has good light transmission, UV and aging resistance.
3. The warning light has two pulse flashing modes: xenon lamp and LED tube.
4. Three installation methods: screw fixation, strong magnetic adsorption, flange installation.

Ø50
3M-6
177
Ø96

Parameters

| Model	BC-809	Frequency	50/60Hz
Protection grade	IP56	Color(Lamp)	Red ,yellow,Green
Net weight	0.4kg	Power	10W
Decibel	108~110dB	Dimension	85(L) × 85(W) × 158(H)mm
Material	Base：nylon+GF30% Shade：PC		
Voltage	DC12V / 24V , AC36V / 110V / 220V / 380V		
Selection Guide	BC-809：3 M6 screws for installation BC-809C：Magnetic steel fixed installation BC-809F：Flange installation PJ061：Special lampshade		

FI4870

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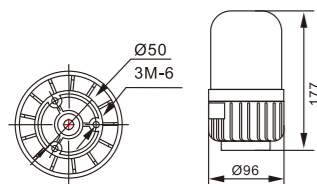
Functions & Features
1. Using a new red LED light source, strong brightness, visible distance above 4800 meters, thick smoke and fog penetration of 300 to 500 meters.
2. Using programmable IC to control the circuit board, switch between Sound & Light and Sound modes.
3. Adopt high-energy non-memory battery, with good charging and discharging performance, high capacity, can work continuously for 15 hours after a one-time full charge.
4. The bottom is a strong magnetic base, which can be directly attached to the iron plate, which is convenient to use.
5. Imported PC material enhances the impact of the alarm and prolongs its service life.

Use
1. When in use, the first time press the switch button of the lamp, it is Sound & Light mode; the second time is Sound mode; the third time it stops working.
2. After a full charge, it can be used at any time within 3 months; if it is stored for a long time, it needs to be charged every 4-5 months. In use, when the power is exhausted, the brightness of the warning light will be sharply reduced or stop working, so stop using it and charge it in time.
3. The charger has a built-in charging protection device. When the charger is powered on but not charging, the indicator light is green. When the alarm is connected for charging, the indicator light is red. When fully charged, the indicator light is green.
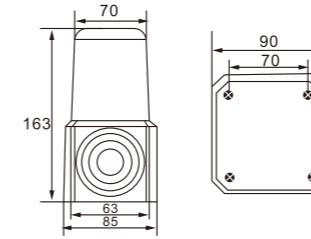
Application
Suitable for warning signs in various special places,signal contact and direction indication for municipal, construction work and guardianship, ambulance and emergency personnel.

Parameters

Product name	FL4870 multifunctional rechargeable audible visual alarm		
Rated voltage	DC3.7V	Battery life	1000times(Cycle)
Net weight	0.6kg	Decibel	115dB
Rated capacity	4Ah	Material	Base：ABS Shade：PC
Dimension	96(L) × 96(W) × 165(H)mm		
Continuous discharge time	Sound≥6h/Sound&Light≥5h		
LED	Current	250mA	
	Average use time	100000h	
Charging time	Normal	6h	
	Dead battery	8h	

STJD90B

灯底座
Light base
140
200
柱底座
Pillar base

Features
1. Round base, reserved for waterproof slot, can be embedded with waterproof apron.
2. Screw fixed installation, with stand and without stand base.
3. PC transparent lamp shade, good light transmission, strong brightness, and good warning effect.

Parameters

| Model	STJD90B	Frequency	50/60Hz
Net weight	0.4kg	Protection grade	IP56
Decibel	120dB	Voltage	DC12V / 24V , AC220V / 380V
Color	Red	Dimension	85(L) × 85(W) × 140/200(H)mm
Current	0.18A	Material	Base：ABS Shade：PC
Application：Suitable for road construction，railway isolation，traffic construction warning etc.			
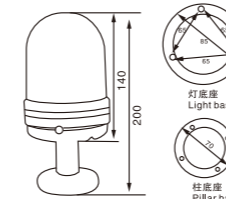
PLUM BLOSSOM WARNING LIGHT
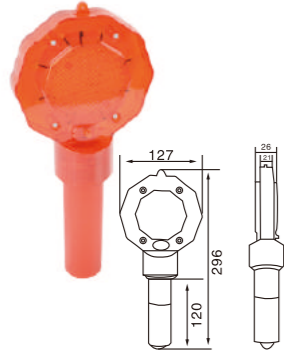
Features
1. PC plastic shell, good light transmission and dust resistance.
2. Deep red switch button, simple and convenient.

Parameters

Model	Handle strobe warning light		
Power	0.02W	Battery	2 AA battery Material
Decibel	120dB	Voltage	3V
Decibel	60t/min	Material	Plastic
Color	Red	Dimension	127(L) × 28(W) × 295(H)mm
Light	10 LED	Net weight	0.35kg
Application：Suitable for road construction，railway isolation，traffic construction warning etc.			

ST-ABC-9
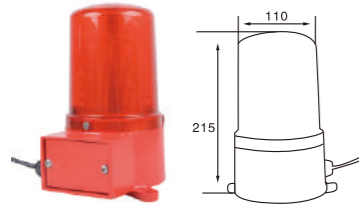
Features
1. The base is made of aluminum alloy, which is anti-corrosion and moisture-proof.
2. PC transparent lampshade, good light transmission, and good warning effect.
3. LED high-brightness light source, flashing frequency 35t/min, strong brightness.

Parameters

Model	ST–ABC–9	Frequency	50/60Hz
Protection grade	IP56	Color(Lamp)	Red
Net weight	2.3kg	Power	8W
Decibel	120dB	Dimension	113(L) × 125(W) × 215(H)mm
Voltage	DC24V , AC220V	Material	Base：ABS Shade：PC
Application：Suitable for lifting equipment such as construction machinery (traveling cranes，crawler cranes，tire cranes，etc.)，port machinery (gate cranes，bridge cranes，etc.).			

SOLAR ALARM
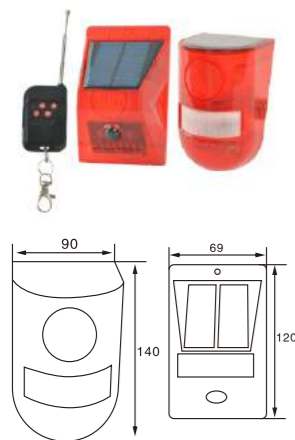
Features
1. High efficiency solar panel, fast charging efficiency.
2. PIR human body induction, automatic light alarm.
3. High-decibel LED light, the light flashes quickly, and the position is clearly distinguished.
4. 4 working modes for selection.

Parameters

| Model	N911/N911C	LED	6 flashing red lights, visible at 1km
Charging method	solar charging	Solar panel	5V*80mA polysilicon
Charging time	6–8h	Material	ABS
Alarm sound	129dB	Waterproof level	IP65
G.w.	N911：0.25kg N911C：0.3kg	Dimensions	N911：85 × 75 × 120mm N911C：90 × 75 × 145mm
Sensing distance	5–8 meters (affected by ambient temperature)		
Sensing angle	mode direction sensing angle 125°		
Battery parameters	3.7V*400mAH group capacity polymer lithium battery		
Working time	induction，audible and visual alarm> 300 times，standby work> 50 days after charging		
Product function	Level 1：24–hour sound and light alarm mode 2Level 2：24–hour flashing silent alarm mode Level 3：Sound and light alarm mode at night Level 4：Flash silent alarm mode at night		

STSG-702
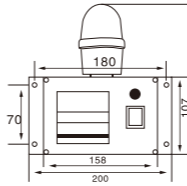
Features
1. The upper and lower limit high temperature and low temperature alarm, the temperature can be set .
2. Equipped with screw probe, simple operation and precise measurement.

Parameters

| Product name	Temperature alarm		
Net weight	1.5kg	螺钉探头	M8*1.2mm*18mm
Decibel	90/105dB	Voltage	AC220V
Installation	Screw fixation	Dimension	20(L) × 10.7(W) × 21.3(H)cm
Alarm	Sound and light	Temperature range	0–1200℃
Material	ABS		
Application：Suitable for electronic equipment，machine tool equipment，medical equipment，restaurants，warehouses etc.			

LTE–RH203
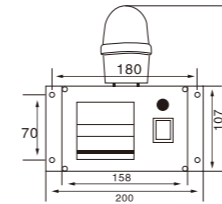
Features
1. With integrated temperature and humidity sensor, the sensor cable length is 1.5m.
2. Aluminum alloy shell, anti-aging and anti-corrosion.
3. Digital display, temperature and humidity can be set.
4. When the temperature/humidity exceeds the alarm, press the mute button to cancel the sound. When the temperature and humidity return to normal, the button will automatically reset.

Parameters

Product name	Temperature and humidity alarm		
Voltage	AC220V	Decibel	105dB
Material	ABS	Temperature range	0–1200℃
Installation	Screw fixation	Alarm	Sound and light
Net weight	1.5kg	Dimensions	20(L) × 10.7(W) × 21.3(H)cm
Application：Suitable for electronic equipment，machine tool equipment，medical equipment，restaurants，warehouses etc.			

TIMING ALARM
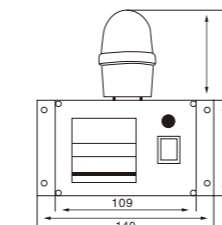
Product description
1.3 timing modes, time can be set freely.
S: 0.01s～99.99S; M: 1s～99min99S; H: 1min～99h99min
2. It can alarm for single-off and circular timing. Single-off alarm: start the alarm at the set time, press the button to end the alarm. Circular alarm: alarm once at the set time, re-time, continue to alarm, and recycle.
3. The button is used to start and pause, and can be changed to a self-resetting type.
4. With memory function, the time only needs to be adjusted once.

Parameters

Product name	Timing alarm	Power	3W
Contact capacity	AC220V 3A	Material	ABS
Decibel	105dB	Voltage	AC220V
Frequency	50/60Hz	Dimension	14(L) × 10.9(W) × 20.9(H)cm
Mechanical life	≥1 million times	Net weight	0.65kg
Application：Suitable for electronic equipment，machine tool equipment，medical equipment，restaurants，warehouses etc.			

# SNTOOM®

GST-HZ-M8503

Product description
GST-HZ-M8503 fire alarm is a kind of sound and light alarm equipment installed on the scene. The alarm receives the signal and sends out a strong sound and light alarm signal, which has reached the purpose of reminding people on the spot. 3 kinds of alarm sounds are adjustable.

Alarm principle
Adopt the principle of resonance. A buzzer film is installed on the vocal cavity, which causes the buzzer film to vibrate after power-on, causing the vocal cavity to resonate.

Speak
Composed of buzzer, pronunciation cavity, and pronunciation cavity cover.
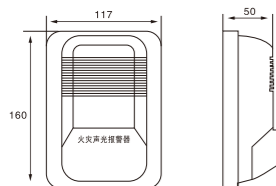
Parameters

Product name	GST–HZ–M8503 fire alarm		
Voltage	DC24V	Current	30mA
Flash frequency	1.1Hz~1.7Hz	Material	ABS
Decibel	80~ 110dB(3m)	Pitch change	2s~4.5s
G.w.	0.6kg	Dimension	11.7(L) × 5(W) × 16(H)cm
Hole distance	66.7mm	Ambient temperature	−10℃~+50℃
Environment humidity	≤95%RH 40℃		

SNTOOM®

EXPLOSION-PROOF AUDIBLE & VISUAL ALARM

Product description
The alarm shell is made of aluminum alloy shell, the lamp shell has strong impact resistance, 180° clearly visible ultra-bright LED light-emitting tube, equipped with a super buzzer, stable work, long service life, low power consumption, not affected by pollutants and water.

Applicable place
Explosion-proof audible and visual alarms are mainly used in dangerous places with explosive gas mixtures:Zone 1, Zone 2 Class IIA, IIB, IIC, and the temperature group is T1~T6 inflammable and explosive places. It is suitable for hazardous locations such as chemical plants, gas stations, petroleum extraction and refining, mines, laboratories, and docks. The alarm can emit sound and light signals at the same time.

Product Standards
GB3836.1—2000 Electrical Equipment for Explosive Gas Atmosphere Part 1: General Requirements";
GB3836.2-2000 Electrical Equipment for Explosive Gas Atmosphere Part 2: Flameproof 'd'";
GB3836.4-2000Electrical Equipment for Explosive Gas Atmosphere Part 4: Intrinsically Safe 'i'".

Features
1. Aluminum alloy shell, high-voltage electrostatic spray on the surface.
2. Good insulation performance, sturdy shell and anti-aging.
3. Super thick tempered glass, high impact resistance.

BBJ
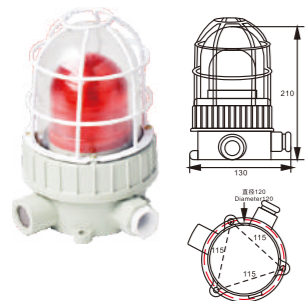
Parameters

Product name	BBJ explosion-proof audible and visual alarm		
Net weight	1.35kg	Power	10W
Decibel	110dB	Voltage	AC220V,DC24V
Flash frequency	150t/min	Dimension	13(L) × 13(W) × 21.5(H)cm
Inlet thread	G3/4(G″)	Explosion-proof mark	Exd II BT4
Protection class	IP65	Cable outer diameter	φ 8~14mm
Material	Base：Aluminum Alloy Shade：Tempered Glass		
Color	Lamp：Red, Yellow, Blue Base：Gray		

BBJ-02

Parameters

Product name	BBJ-02 explosion-proof audible and visual alarm		
Net weight	2kg	Power	10W
Decibel	125dB	Voltage	AC36V/220V,DC24V
Flash frequency	150t/min	Dimension	120(L) × 120(W) × 201H)cm
Inlet thread	G3/4(G″)	Explosion-proof mark	Exd II BT4
Protection class	IP65	Cable outer diameter	φ 8~14mm
Material	Base：Aluminum Alloy Shade：Tempered Glass		
Color(Lamp)	Lamp：Red, Yellow, Blue Base：Yellow		

BDJ-01

Parameters

Product name	BDJ-01 explosion-proof audible and visual alarm		
Net weight	1.8kg	Power	10W
Decibel	95~110dB	Voltage	AC220V,DC24V
Flash frequency	150t/min	Dimension	14.5(L) × 14.5(W) × 21(H)cm
Inlet thread	G3/4(G″)	Explosion-proof mark	Exd II BT4
Protection class	IP65	Cable outer diameter	φ 8~14mm
Material	Base：Aluminum Alloy Shade：Tempered Glass		
Color(Lamp)	Lamp：Red, Yellow, Blue Base：Yellow		

BDJ-02

Parameters

Product name	BDJ-02 explosion-proof audible and visual alarm		
Net weight	3kg	Power	40W
Decibel	125dB	Voltage	AC220V,DC24V/36V
Flash frequency	150t/min	Dimension	27.5(L) × 14(W) × 23.5(H)cm
Inlet thread	G3/4(G″)	Explosion-proof mark	Exd II BT4
Protection class	IP65	Cable outer diameter	φ 8~14mm
Material	Base：Aluminum Alloy Shade：Tempered Glass		
Color(Lamp)	Lamp：Red, Yellow, Blue Base：Yellow Horn：Red		

FXS-SG-1

Parameters

Product name	FXS-SG-1 explosion-proof audible and visual alarm		
Net weight	1.5kg	Power	40W
Decibel	90dB	Voltage	AC220V,DC12V/24V
Flash frequency	60t/min	Dimension	15(L) × 14(W) × 13.5(H)cm
Current	120mA	Ambient temperature	−20℃~+50℃
Protection class	IP65	Humidity	≤95%RH
Air pressure	80kPa~110kPa	Explosion-proof mark	Exd II CT6
Color	Lamp：Red, Base：Red		
Material	Base：Aluminum Alloy Shade：Tempered Glass		

STJD-10-24V

Product description

STJD-10-24V type explosion-proof audible and visual alarm is designed with special integrated circuit, which is stable in operation and long in service life. It uses super bright light-emitting tube inside, which has the characteristics of small size, loud sound, light weight and low price.

It is suitable for node type combustible gas series and point type toxic series gas detectors and other detectors and alarms with node output.

Explosion-proof mark: Exd ll CT6 Gb

Parameters

Product name	Explosion-proof audible and visual alarm G3/4 interface, M20*1.5 interface, G1/2 interface		
Voltage	24V	Decibel	100db＠10cm
Material	Stainless steel	Temperature range	0~1200℃
Current	30~50mA	Light intensity	1800~2400mcd
Net weight	0.4kg	Dimensions	Φ38 × 98mm
Frequency	1s/tNet weight	Temperature	−45℃~ +85℃
Humidity	10~95%RH	Air pressure	86~105kpa
Live	Continuous alarm < 5 hours, service life>3 years		

COMBUSTIBLE GES ALARM

Product description

The combustible gas alarm is composed of a detector and an alarm control host.

It is widely used in petroleum, gas, chemical, oil depots and other petrochemical industries where there are toxic gases. It is used to detect leakage in indoor and outdoor dangerous places and is an important instrument to ensure production and personal safety .

When there is a toxic gas in the place under test, the detector converts the gas signal into a voltage signal or current signal and transmits it to the alarm instrument, and the instrument displays the percentage concentration value of the lower limit of the toxic gas explosion. When the concentration of toxic gas exceeds the alarm setting value, an audible and visual alarm signal will occur, and the personnel take safety measures in time to avoid explosion accidents.

Installation

The density of the measured gas is different, and the installation position of the indoor probe should also be different. When the measured gas density is less than the air density, the probe should be installed 30cm away from the roof with a downward direction; otherwise, the probe should be installed 30cm away from the ground with an upward direction.

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COMBUSTIBLE GES ALARM

Parameters

Product name	Combustible gas alarm Temperature alarm		
Net weight	1.5kg	Voltage	DC24V
Decibel	90/105dB	Voltage	AC220V
Current	< 200mA	Detection method	Spread naturally
Signal output	4–20mA	Humidity	≤93%RH
Max. tolerance	± 5%(FS)	Ambient temperature	−40℃ ~ +70℃
Sensor properties	Catalytic combustion method		
Response time	90% response time does not exceed 3s		
Recovery Time	≤ 90s (offset after no gas)		
Way of working	Fixed continuous work		
Sensor life	> 2 years (the poor working environment will shorten sensor life)		
Explosion–proof grade	Exd II CT6 (Tamb= −40℃~ 75℃)		
Connection method	It can be directly connected with the threaded explosion–proof hose necklace or by simple methods.		

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MOTOR SIREN

Product Introduction

The motor alarm is made of special aluminum alloy material, processed by heat treatment, and has strong moisture and corrosion resistance.No jamming, no crash, no deformation, anti-wind and sand, anti-bird nesting.Quick start, stable operation, strong sound penetration and large coverage.

Application

Used for civil defense alarm systems; natural disaster alarms; alarm systems for mines, blasting, prisons, reservoirs, power stations, substations, airports, police stations and military bases; emergency alert system of factories, schools, docks, warehouses, public buildings , commercial district and residential area.

MS-190
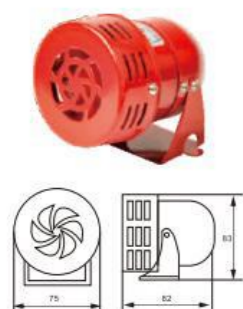
Parameters

|			
Voltage(V)	DC12V,24V AC110V,220V	Current(A)	6A,2.5A ,0.9A,0.43A
Power(W)	40W	Power(W)	50/60Hz
Decibel	110dB(A)(φ1m)	Insulation impedance	100MΩ(at 500VDC)
Sound form	Continuous sound	Dielectric strength	500VAC,50/60Hz in 1min
Material	Iron	Color	Red
Protection grade	IP44	Product size	75(L) × 82(W) × 83(H)mm
Net weight	0.45kg		

MS-290

Parameters

Voltage(V)	DC12V,24V AC110V,220V	Current(A)	5.8A,2.1A 1.6A,0.8A
Power(W)	40W	Power(W)	50/60Hz
Decibel	112dB(A)(φ1m)	Insulation impedance	100MΩ(at 500VDC)
Sound form	Continuous sound	Dielectric strength	500VAC,50/60Hz in 1min
Material	Iron, Plastic	Color	Gray
Protection grade	IP44	Product size	175(L) × 128(W) × 130(H)mm
Net weight	0.55kg		

MS-390
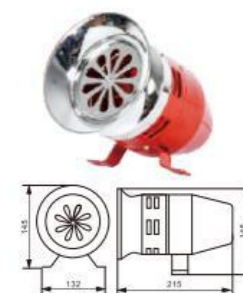
Parameters

Voltage(V)	DC12V,24V AC110V,220V	Current(A)	12.4A,6.8A 1.5A,1A
Power(W)	40W	Power(W)	50/60Hz
Decibel	116dB(A)(φ1m)	Insulation impedance	100MΩ(500VDC)
Sound form	Continuous sound	Dielectric strength	500VAC,50/60Hz in 1min
Material	Aluminum alloy	Color	Red
Protection grade	IP44	Product size	191(L) × 132(W) × 145(H)mm
Net weight	1kg		

MS-490
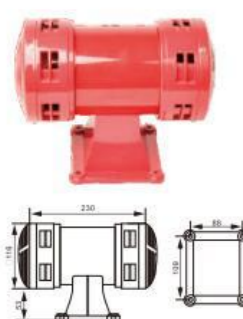
Parameters

Voltage(V)	AC110V,220V	Current(A)	3.4A,1.6A
Power(W)	50/60Hz	Decibel	120B(A)(φ1m)
Sound form	Continuous sound	Insulation impedance	100MΩ(500VDC)
Material	Aluminum alloy	Dielectric strength	500VAC,50/60Hz in 1min
Protection grade	IP44	Color	Red
Net weight	2.75kg	Product size	203(L) × 115(W) × 165(H)mm

MS-590
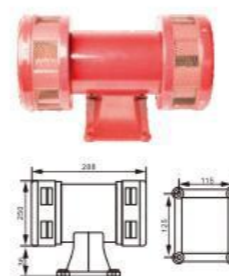
Parameters

|			
Voltage(V)	AC110V,220V	Current(A)	3.6A,1.8A
Power(W)	50/60Hz	Decibel	123B(A)(φ1m)
Sound form	Continuous sound	Insulation impedance	100MΩ(500VDC)
Material	Aluminum alloy	Dielectric strength	500VAC,50/60Hz in 1min
Protection grade	IP44	Color	Red
Net weight	4.85kg	Product size	267(L) × 153(W) × 183(H)mm
Transmission distance	300m		

MS-790
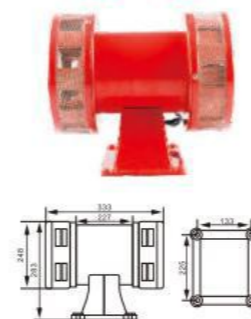
Parameters

Voltage(V)	AC110V,220V	Current(A)	4.1A,2.2A
Power(W)	50/60Hz	Decibel	130B(A)(φ1m)
Sound form	Continuous sound	Insulation impedance	100MΩ(500VDC)
Material	Aluminum alloy	Dielectric strength	500VAC,50/60Hz in 1min
Protection grade	IP44	Color	Red
Net weight	13kg	Product size	333(L) × 248(W) × 283(H)mm
Transmission distance	500m		

HCJ-7522
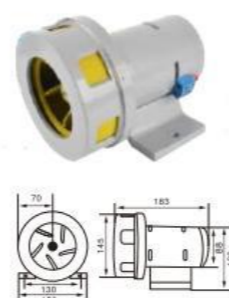
Parameters

Product name	Motor electric siren		
Voltage	AC220V	Material	Aluminum alloy
Current	2.08A	Dimension	15(L) × 18.3(W) × 17(H)cm
Rated power	250W	Package size	18(L) × 21(W) × 20(H)cm
Decibel	118dB	Net weight	15kg
Rated torque	6500N.M		

SNTOOM®

ELECTRIC SIRENS

Features

1. Special aluminum alloy material, heat treatment processing, strong moisture and corrosion resistance;
2. No jam, no crash, no deformation,anti-wind and sand, anti-bird nesting;
3. Quick start, stable operation, loud sound source, strong penetrating power;
4. The vertical series comes with a rain cap;
5. The protection grade is IP55, and the explosion-proof grade is Exd II BT4.

Application

1. Used in war and civil defense alarm systems ;
2. Used in mines, blasting, prisons, reservoirs, power stations, substations, airports, police stations, military bases etc.
3. Used for earthquakes, tsunamis, floods, mudslides, landslides, typhoons, fires, minefields, and forest fire prevention;
4. Used in factories, schools, docks, warehouses, public buildings, commercial areas, residential areas, ports etc.

SNTOOM®

LK-JDL400

Parameters

Product name	LK-JDL400 / LK-JDL480 / LK-JDL550 Vertical Siren		
Voltage	3-phase 380V	Material	Aluminum alloy
Rated speed	2900r/min	Dimension	65(L) × 65(W) × 53(H)cm
Rated power	2.2kW / 4kW / 7.5kW	Package size	75(L) × 75(W) × 63(H)cm
Sound frequency	500 ± 20Hz	Decibel	123.3dB / 125.8dB / 128dB @ 5m
Start time	≤3s	Net weight	51kg / 88kg / 100kg
Transmission distance	3Km		

JDW-450

Parameters

Product name	JDW-450 JDW-450-2		
Voltage	3-phase 380V	Material	Aluminum alloy
Rated speed	2900r/min	Package size	75(L) × 63(W) × 71(H)cm
Rated power	7.5kW	Decibel	130dB @ 5m
Net weight	146kg / 147kg	Start time	≤3s
Sound frequency	JDW-450： 500/580 ± 20Hz JDW-450-2： 500/560 ± 20Hz, Dual tone		
Transmission distance	5Km		

JDW-300

Features

1. Metal protective net cover can effectively prevent injuries during work.
2. The base is fixed by bolts to prevent vibration.
3. One-key start switch, simple and convenient operation.

Parameters

Product name	JDW-300	Material	Aluminum alloy
Voltage	AC220V 50Hz	Decibel	125dB @ 5m
Rated speed	2840r/min	Package size	42(L) × 25(W) × 25(H)cm
Rated power	0.37kW	Insulation class	Level E
Net weight	14kg	Transmission distance	1.5Km
Sound frequency	600 ± 20Hz		

SNTOOM®

LK–SCT

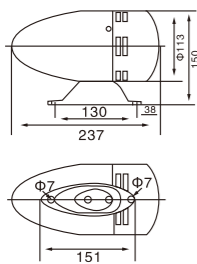### Features

1.High frequency:
700HZ-1700HZ alarm sound is easy to distinguish from environmental noise, clear, harsh and sharp;
2.Strong compatibility
 It can be connected with smoke detectors, gas sensors, infrared sensors, liquid level sensors, timers, and various sensors of anti-theft and alarm systems;
3.Application
Factories, schools, radio stations, automobiles, trains, ships, airports, ports, crossings, platforms, silver buildings, hospitals, residential areas, shopping malls, warehouses, hotels, troops, factory buildings, mining industries, port gates, etc.

Parameters

Product name	LK–SCT	Voltage	AC 12V / 24V / 48V / 110V / 220V
Material	ABS	Decibel	113dB / 114dB / 115dB / 115dB / 115dB
Net weight	1.6kg	Dimension	19.6(L) × 19.6(W) × 21(H)cm
Current	17.4A / 8.8A / 6.2A / 1.9A / 1.0A	Package size	24(L) × 24(W) × 21.5(H)cm
Sound frequency	900 / 900 / 1000 / 1000 / 1000 Hz ± 50Hz		

ST-SV

Features

1.High frequency:700HZ-1700HZ alarm sound is easy to distinguish from environmental noise, clear, harsh and sharp;
2.Strong:compatibilityIt can be connected with smoke detectors, gas sensors, infrared sensors, liquid level sensors, timers, and various sensors of anti-theft and alarm systems;
3.Application:Factories, schools, radio stations, automobiles, trains, ships, airports, ports, crossings, platforms, silver buildings, hospitals, residential areas, shopping malls, warehouses, hotels, troops, factory buildings, mining industries, port gates, etc.

Parameters

Product name	ST–SV	Voltage	AC 12V / 24V / 48V / 220V
Current	17.4A / 8.8A / 6.2A / 1.0A	Decibel	116dB / 117dB / 118dB / 118dB
Net weight	2kg	Dimension	23.7(L) × 11.3(W) × 15(H)cm
Package size	24(L) × 12(W) × 16(H)cm		
Sound frequency	1200 / 1200 / 1350 / 1350Hz ± 50Hz		
Material	Aluminum alloy / Stainless steel		

SNTOOM®

EXPLOSION-
PROOF ELECTRIC SIRENS

Features

1. The protection level is IP55, and the explosion-proof level is Exd Ⅱ BT4;

2. Special aluminum alloy material, heat treatment processing, strong moisture and corrosion resistance;

3. No jamming, no crash, no deformation, anti-wind and sand, anti-bird nesting;

4. Quick start, stable operation, strong penetrating power, and large sound coverage.

Application

In flammable and explosive emergency alert systems such as oil fields, chemical plants, gas stations, and oil depots.

SNTOOM®

LK–JDW–400B

Parameters

Product name	LK-JDW-400B	Voltage	3–phase 380V
Material	Aluminum alloy	Decibel	123dB @ 5m
Net weight	75kg	Package size	75(L)×75(W)×80(H)cm
Sound frequency	500/530±20Hz	Rated power	4KW
Rated speed	2900r/min	Start time	≤3s

ST–JDW245B

Parameters

Product name	ST–JDW245B	Voltage	3–phase 380V
Material	Aluminum alloy	Decibel	123dB @ 5m
Net weight	39kg	Package size	48(L) × 30(W) × 45(H)cm
Sound frequency	500/580±20Hz	Rated power	1.1KW
Rated speed	2900r/min	Start time	≤3s
Dimension	42.1(L) × 24(W) × 38.1(H)cm		

SNTOOM®

HAND-CRANK SIREN

Product description

The principle of the traditional alarm is to use a vibration sensor, once the sensor receives the vibration signal, it will automatically alarm. Hand-crank siren does not require a power source, and can provide an effective alarm in places without power support. By manually rotating the crank, it is accelerated step by step through the transmission of the gear box, and then the ringing wheel is driven to run at high speed through the transmission block. In the process of high-speed operation of the ringing wheel, the absorbed air produces high-speed and high-pressure resonance, which is simultaneously extruded to the fixed window of the fixed wheel, thereby acting as an alarm. Hand-crank siren is small in size, light in weight, easy to carry and install and does not require any tools. It only needs an area of 0.15 square meters and a place where people stand to operate normally, and the mobile operation is very strong.

Application
It is mostly used for emergency warning of emergencies. Its products are easy to carry, and are mainly used for flood control, disaster relief, forest fire protection, military supplies, public and industrial occasions to respond to emergency alarms.

Use & Maintenance

1. Only one person is required to operate the hand-crank siren to work normally. When the alarm is working, do not put fingers or other foreign objects into the ringing wheel, otherwise it will cause personal injury or damage the alarm.
2. Minors are prohibited from using hand-crank siren.
3. The sound pressure level at close range can cause permanent deafness. Therefore, always wear earmuffs to protect ears.
4. The use of sirens should comply with the "Air Defense Law" and relevant national sirens use regulations, and should be maintained regularly to keep the sirens in normal working conditions for a long time. If the alarm fails to operate normally, please seek professional repairs.

Lifting type STSY–200L

Parameters

Product name	STSY–200L Lifting hand crank siren		
Sound frequency	600 ± 20Hz	Lifting height	25cm (96cm~121cm)
Color	Green	Decibel	125 ± 2dB(A) @ 1m
Effective coverage	Φ2km	Net weight	7kg
Package size	22(L) × 22(W) × 25(H)cm 14(L) × 14(W) × 90(H)cm		
Material	Aluminum alloy(Except for lifting frame)		

Portable type ST–LK–100

Parameters

Product name	ST–LK–100 Portable hand crank siren		
Sound frequency	600 ± 20Hz	Decibel	110dB(A) @ 1m
Color	Green Red	Net weight	1.2kg
Effective coverage	Φ1km	Dimensio	11.5(L) × 21(W) × 24(H)cm
Material	Aluminum alloy		

LK–120

Parameters

Product name	LK–120 Portable hand crank siren		
Sound frequency	600 ± 20Hz	Decibel	120dB(A) @ 1m
Color	Gray	Net weight	8kg
Effective coverage	Φ2km	Dimensio	40(L) × 41(W) × 75(H)cm
Material	Aluminum alloy		

LK–100B

Parameters

Product name	LK–100B Fixed hand crank siren		
Sound frequency	500 ± 20Hz	Material	Aluminum alloy
Color	Red,green	Decibel	120dB(A) @ 1m
Effective coverage	Φ1km	Net weight	1.37kg
Package size	19(L) × 17(W) × 29(H)cm		

ST–LK–120A

Parameters

Product name	ST–LK–120A Fixed hand crank siren		
Sound frequency	600 ± 20Hz	Material	Aluminum alloy
Color	Gray	Decibel	120dB(A) @ 1m
Effective coverage	Φ2km	Dimensio	21.2(L) × 29.4(W) × 40.2(H)cm
Net weight	5.5kg	Package size	24(L) × 28(W) × 46(H)cm

Fixed type LK–100A

Parameters

Product name	LK–100A Fixed hand crank siren		
Sound frequency	500 ± 20Hz	Decibel	110dB(A) @ 1m
Color	Red,green	Net weight	1.27kg
Effective coverage	Φ500km	Package size	16(L) × 15(W) × 25(H)cm
Material	Aluminum alloy	Dimensio	14(L) × 12.5(W) × 21.5(H)cm

ELECTRONIC BUZZER/ HORN

Product description

BC series electronic buzzer adopts the current international advanced electronic product technology and is specially developed for hoisting machinery, door cranes and bridge cranes. The inner core of products adopts advanced special integrated circuit design, with strong anti-interference ability and stable operation; the outer shell is made of aluminum alloy die-casting, which is light in weight, waterproof, shockproof and corrosion resistant. Users can choose the tone and voice alarm mode according to their own use occasions and requirements.

Features

1. A variety of alarm tones are available.
2. The lamp tube is made of chip light emitting diodes, with a service life of more than 100,000 hours.
3. The horn alarm is made of ABS engineering plastics, and the lampshade is made of PC material, which has particularly good impact resistance, thermal stability and gloss.
4. Special integrated chip design, super electromagnetic anti-interference performance.

BC-3A
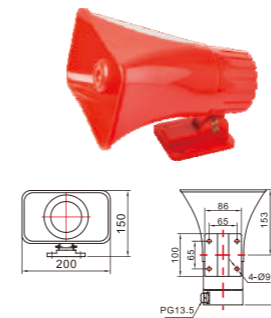
Parameters

Product name	BC-3A Electronic buzzer	Voltage	DC24V AC220V
Power	10W	Operating temperature	-30℃ ~ + 70℃
Humidity	10% ~ 90%	Frequency	50/60Hz
Decibel	106dB(A)	Tone	A / B / E / D (Optional)
Protection class	IP65	Dimension	20(L) × 27(W) × 15(H)cm
Material	Horn: ABS	Net weight	1.5kg
Color	Horn: Red		

BC-3B
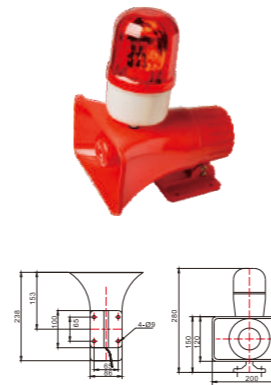
Parameters

Product name	BC-3B Sound and light electronic buzzer		
Power	10W	Voltage	DC24V AC220V
Humidity	10% ~ 90%	Operating temperature	-30℃ ~ + 70℃
Decibel	106dB(A)	Frequency	50/60Hz
Protection class	IP65	Tone	A / B / E / D / Y / L / E / Voice (Optional)
Net weight	1.8kg	Dimension	20(L) × 23.8(W) × 28(H)cm
Material	Horn：ABS Shade：PC		
Color	Horn：Red, White, Blue Shade：Red, Yellow, Green		

BC-8

Parameters

Model	BC-8	Power	6W
Net weight	2.7kg	Tone	A/B/E/D/Y/L/F/(Voice) (Optional)
Decibel	106dB	Voltage	DC24V, AC24V/36V / 110V / 220V / 380V(Customized)
Frequency	50/60Hz	Dimension	30(L) × 10.8(W) × 16.5(H)cm
Inlet thread	G3/4(G")	Humidity	10%~95% (Non-condensing)
Protection class	IP65	Cable outer diameter	φ 8~14mm
Color(Lamp)	Red,yellow,green	Ambient temperature	-30℃~+70℃
Material	Base：Aluminum alloy Shade：PC		
Application：Suitable for lifting equipment such as construction machinery (traveling cranes，crawler cranes，tire cranes，etc.), port machinery (gate cranes，bridge cranes，etc.).			

Selection Guide

Model	Volume adjustable	Others
D	/	/
A/B	/	/
D/B	/	/
D/Y	/	/
D/A	/	/
D/E	/	/
D	Adjustable	/
A/B	Adjustable	/
B/E	Adjustable	/
D	Adjustable	With external switch
D	/	Visible and Audible warning controlled separated
D	/	Strobe

DJ-5
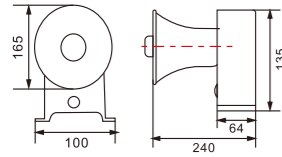
Parameters

Product name	DJ-5 Horn alarm	Voltage	DC12V / 24V AC36V / 110V / 220V / 380V
Net weight	2.1kg	Power	10W
Decibel	115dB(A)	Material	Base：Aluminum alloy Horn：ABS
Frequency	50/60Hz	Dimension	17(L) × 17(W) × 24(H)cm
Color	Horn: Red	Operating temperature	−30℃ ~ + 70℃
Protection class	IP65	Humidity	10% ~ 90%
Tone	A / B / E / D (Optional)		

Application：Suitable for lifting equipment such as construction machinery (traveling cranes，crawler cranes，tire cranes，etc.)，port machinery (gate cranes，bridge cranes，etc.).

STML-30

Parameters

Product name	STML-30 Car megaphone		
Net weight	0.9kg	Power	30W
Decibel	106 ~ 140 dB(A)	Material	Horn: ABS
Frequency	50/60Hz	Dimension	11.8(L) × 19.5(W) × 14.6(H)cm
Color	Horn: Red	Voltage	DC12V / 24V AC 220V
Protection class	IP65	Tone	A, 7 tones can be selected

Application：Suitable for schools，squares，factories，urban management street offices，publicity vehicles，etc.

YH50-2TM

Parameters

Product name	YH50-2TM Car megaphone		
Net weight	2kg	Power	50W
Decibel	108 ± 3dB(A)	Material	Horn: Aluminium alloy
Frequency	300~6500Hz	Dimension	29(L) × 27(W) × 31(H)cm
Color	Horn: Red	Rated impedance	8 ± 15% Ω
Protection class	IP65		

Application：Suitable for schools，squares，factories，urban management street offices，publicity vehicles，etc.

MULTI FUNCTION DEVICE ALARM BC-2
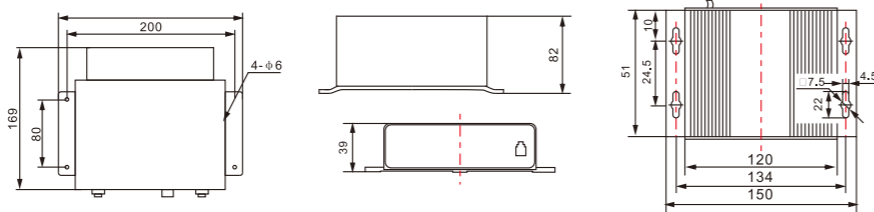
MULTI FUNCTION DEVICE ALARM AS210
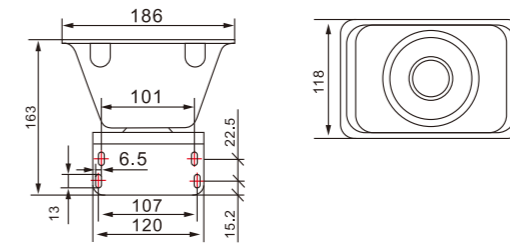
Features

1. Sound and light synchronous alarm (optional).
2. A variety of alarm tones are optional, and the volume is continuously adjustable.
3. With alarm delay (optional).
4. Can speak and broadcast.
5. A variety of combination configuration methods, flexible and convenient system application.

Parameters

Tone	A / B / E can be customized		
Rated impedance	8 Ω	Color	Horn：Gray
Power	10 ~ 80W	Frequency	300~6500Hz
Decibel	106 ~ 110dB(A)	Net weight	3kg
Protection class	IP65		
Material	Aluminum alloy, PE, cold rolled sheet		
Application	Suitable for schools, squares, factories, urban management street offices, publicity vehicles, etc.		

Selection Guide

Model	Configuration		
	MIC	Speaker	Tone
BC-2B	Handheld	25W/16Ω*1	A / B / C，Adjustable tone, alarm delay
BC-2C		25W/16Ω*2	A / B / C，Adjustable tone
BC-2F	Gooseneck	25W/16Ω*1	A / B / C，Adjustable tone
BC-2Y		10W/8Ω*1	A / B / C，Adjustable tone, alarm delay
BC-2X		25W/16Ω*2	A / B / C，Adjustable tone
BC-2K		50W/16Ω*1	A / B / C，Adjustable tone
BC-2W		50W/16Ω*1	A / B / C，Adjustable tone
BC-2II	Handheld	10W/8Ω*1	A / B / C，Adjustable tone, alarm delay

Model	Power	MIC	Speaker
As210	10W	Handheld or Gooseneck	YH10-2,10W/8Ω
AS211	25W		YH25-3,25W/16Ω
			YH25-3,25W/16Ω*2
As212	50W		YH50-3,50W/16Ω

SNTOOM ®

ML-20

105
100
67
95
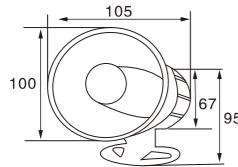
Parameters

Rated impedance	4 Ω	Voltage	DC12V/ 24V AC220V
Power	20W	Color	Black
Decibel	120dB(A)	Dimension	10(L) × 10.5(W) × 13(H)cm
Net weight	1.2kg		
Material	Shell: Aluminum Alloy Base: Metal		
Working mode	Sound after power on, stop after power off		
Installation	Screw fixed, the line length is 0.3m.		
Application	Suitable for schools, squares, factories, urban management street offices, publicity vehicles, etc.		

Speaker

Parameters

Model	ML-687 Handheld speaker		
Recording time	12s	Material	Plastic
Power	5W	Voltage	3.7~6v
Net weight	0.9kg	Dimension	35(L) × 22(W) × 19(H)cm
Distortion	≤1%	Transmission distance	300m Downwind

Parameters

Model	Handheld lithium battery speaker		
Recording time	12s	Material	ABS
Power	30W	Voltage	3.7v
Net weight	0.9kg	Dimension	21.5(L) × 15(W) × 16.8(H)cm
Distortion	≤1%	Transmission distance	500m Downwind

Parameters

| Model	20W / 50W Explosion-proof handheld speaker		
Recording time	120s	Explosion-proof class	Exd II BT4
Power	20W / 50W	Voltage	DC12v
Net weight	1.3kg	Dimension	20W: φ 15 × 24cm 50W: φ 23 × 35cm
Distortion	≤1%	Transmission distance	500m Downwind
Material	ABS		
电池	8 AA dry batteries or rechargeable batteries.		
Function	1.Built-in alarm, whistle and horn sound. 2.Support SD card, USB, AUX linear input. 3.Support MP3, WAV format file playback.		

SNTOOM ®

STROBE LIGHT SERIES

LTD-3101
LTD-5100
Multi strobe light

⌀ 100
135
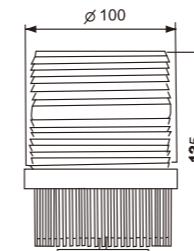
Parameters

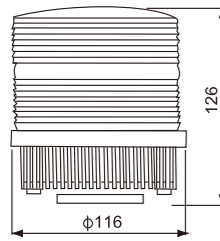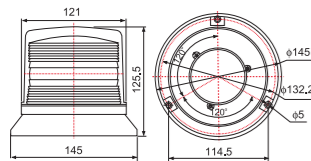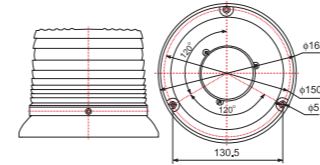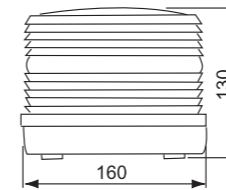| Model	LTD-3101	Model	LTD-5100
Luminous mode	tube light	Luminous mode	LED light
Working voltage	DC12V	Working voltage	AC220V DC12V/24V
Police light power	20W	Police light power	5W
Colour		Colour	

LTD-3092
LTD-5092
Multi strobe light

Ø96
110
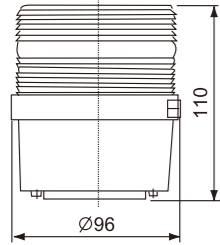
Parameters

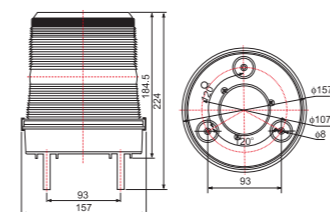| Model	LTD-3092	Model	LTD-5092
Luminous mode	tube light	Luminous mode	LED light
Working voltage	DC12V	Working voltage	AC220V DC12V/24V
Police light power	20W	Police light power	5W
Colour		Colour	

LTD-3111
LTD-5111
Multi strobe light

φ116
126

Parameters

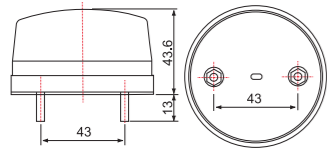| Model	LTD-3111	Model	LTD-5111
Luminous mode	tube light	Luminous mode	LED light
Working voltage	DC12V	Working voltage	AC220V DC12V/24V
Police light power	20W	Police light power	5W
Colour		Colour	

LTD-3142
(LTE)LTD-5142
Multi strobe light

121
125,5
φ145
φ132,2
φ5
145
114,5

Parameters

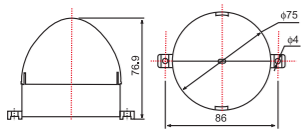| Model	LTD-3142	Model	LTD-5142
Luminous mode	tube light	Luminous mode	LED light
Working voltage	DC12V	Working voltage	AC220V DC12V/24V
Police light power	20W	Police light power	5W
Colour		Colour	

LTD-3162
LTD-5162
Multi strobe light

φ165
φ150,7
φ5
130,5

Parameters

Model	LTD-3162	Model	LTD-5162
Luminous mode	tube light	Luminous mode	LED light
Working voltage	DC12V	Working voltage	AC220V DC12V/24V
Police light power	20W	Police light power	5W
Colour		Colour	

LTD-3163
LTD-5163
Multi strobe light

130
160

Parameters

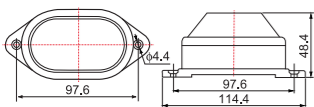| Model	LTD-3163	Model	LTD-5163
Luminous mode	tube light	Luminous mode	LED light
Working voltage	DC12V	Working voltage	AC220V DC12V/24V
Police light power	20W	Police light power	5W
Colour		Colour	

LTD-3151
(LTE)LTD-5151
High-rise
building signs

184,5
φ157
φ107,4
φ8
93
157

Parameters

Model	LTD-3151	Model	LTD-5151
Luminous mode	tube light	Luminous mode	LED light
Working voltage	DC12V	Working voltage	AC220V DC12V/24V
Police light power	35W	Police light power	5W
Colour		Colour	

LTE-3071
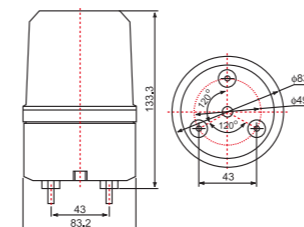## LTE-5061
Single strobe ligh

Parameters

Model	LTE-3071	Model	LTE-5061
Luminous mode	tube light	Luminous mode	LED light
Working voltage	DC12V	Working voltage	AC220V DC12V/24V
Police light power	20W	Police light power	5W
Colour		Colour	

LTE-3072
LTE-5072
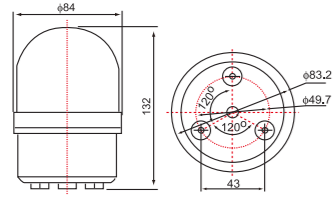## Dual strobe light

Parameters

Model	LTE-3072	Model	LTE-5072
Luminous mode	tube light	Luminous mode	LED light
Working voltage	DC12V	Working voltage	AC220V DC12V/24V
Police light power	20W	Police light power	2W
Colour		Colour	

LTE-3051
LTE-5051
Single strobe light

Parameters

Model	LTE-3051	Model	LTE-5051
Luminous mode	tube light	Luminous mode	LED light
Working voltage	DC12V	Working voltage	AC220V DC12V/24V
Police light power	20W	Police light power	2W
Colour		Colour	

SNTOOM®

ROTATING WARNING LIGHT

LTE-1081/1081J
(LTD)LTE-5081
Small round

Parameters

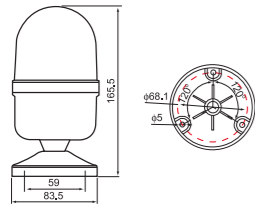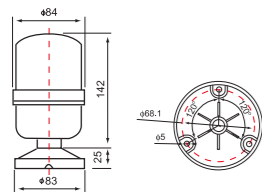| Model	LTE-1081	Model	LTE-5081
Luminous mode	tube light	Luminous mode	LED light
Working voltage	AD220V DC12V/24V	Working voltage	AD220V DC12V/24V
Police light power	5W	Police light power	3W
Colour		Colour	

LTE–1082/ (LTD)1082J LTE–5082 Small round

Parameters

Model	LTE–1082	Model	LTE–5082
Luminous mode	tube light	Luminous mode	LED light
Working voltage	AD220V DC12V/24V	Working voltage	AC220V DC12V/24V
Police light power	5W	Police light power	3W
Colour		Colour	

LTE–1083 LTE–5083 Small round

Parameters

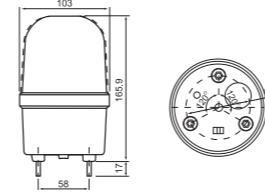| Model	LTE–1083	Model	LTE–5083
Luminous mode	tube light	Luminous mode	LED light
Working voltage	AD220V DC12V/24V	Working voltage	AC220V DC12V/24V
Police light power	5W	Police light power	3W
Colour		Colour	

LTE–1084 LTE–5084 Small round

Parameters

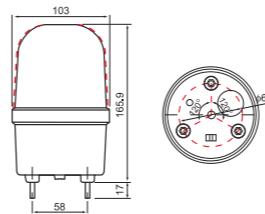| Model	LTE–1084	Model	LTE–5084
Luminous mode	tube light	Luminous mode	LED light
Working voltage	AD220V DC12V/24V	Working voltage	AD220V DC12V/24V
Police light power	5W	Police light power	3W
Colour		Colour	

LTE–1101/ (LTD)1101J LTE–5101 Outer octagon

Parameters

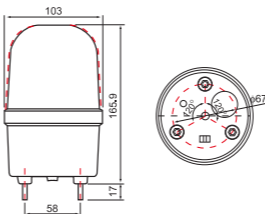| Model	LTE–1101	Model	LTE–5101
Luminous mode	tube light	Luminous mode	LED light
Working voltage	AD220V DC12V/24V	Working voltage	AC220V DC12V/24V
Police light power	10W	Police light power	3W
Colour		Colour	

LTE–1102/ (LTD)1102J LTE–5102 Inner octagon

Parameters

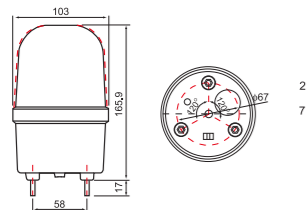| Model	LTE–1102	Model	LTE–5102
Luminous mode	tube light	Luminous mode	LED light
Working voltage	AD220V DC12V/24V	Working voltage	AC220V DC12V/24V
Police light power	10W	Police light power	3W
Colour		Colour	

LTE–1103/ (LTD)1103J LTE–5103 Straight

Parameters

Model	LTE–1103	Model	LTE–5103
Luminous mode	tube light	Luminous mode	LED light
Working voltage	AC220V DC12V/24V	Working voltage	AC220V DC12V/24V
Police light power	10W	Police light power	3W
Colour		Colour	

LTE–1104/(LTD)1104J LTE–5104 Circular shape

Parameters

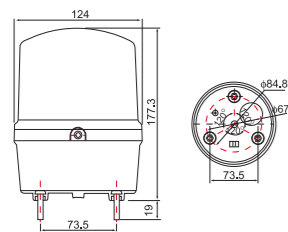| Model	LTE–1104	Model	LTE–5104
Luminous mode	tube light	Luminous mode	LED light
Working voltage	AD220V DC12V/24V	Working voltage	AC220V DC12V/24V
Police light power	10W	Police light power	3W
Colour		Colour	

LTE–1121/(LTD)1121J LTE–5121/1121S Straight

Parameters

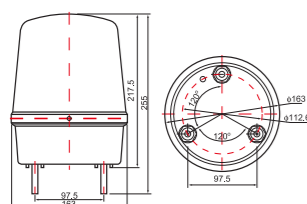| Model	LTE–1121	Model	LTE–5121
Luminous mode	tube light	Luminous mode	LED light
Working voltage	AD220V DC12V/24V	Working voltage	AC220V DC12V/24V
Police light power	10W	Police light power	3W
Colour		Colour	

LTE–1161/(LTD)1161K LTE–5161 Large straight

Parameters

Model	LTE–1161	Model	LTE–5161
Luminous mode	tube light	Luminous mode	LED light
Working voltage	AD220V DC12V/24V	Working voltage	AD220V DC12V/24V
Police light power	21W	Police light power	5W
Colour		Colour	

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LTE–1181/(LTD)1181K LTE–5181 Large round

Parameters

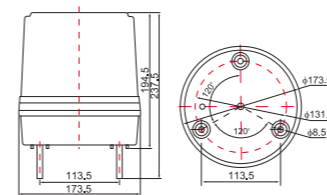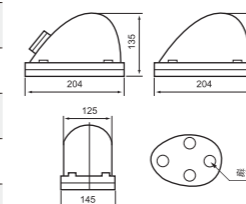| Model	LTE–1181	Model	LTE–5181
Luminous mode	tube light	Luminous mode	LED light
Working voltage	AD220V DC12V/24V	Working voltage	AC220V DC12V/24V
Police light power	21W	Police light power	5W
Colour		Colour	

LTD–1201 LTD–1201K Snail lamp

Parameters

Model	LTD–1201
Luminous mode	tube light
Working voltage	DC12V/24V
Police light power	21W
Colour	

LTE–1105 Small bullet shape

Parameters

Model	LTE–1105
Luminous mode	tube light
Working voltage	AC110/220V DC12V/24V
Police light power	10W
Colour	
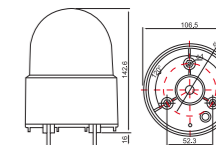
LTE–1122 LTE–1122S Bullet shape

Parameters

Model	LTE–1122
Luminous mode	tube light
Working voltage	AC110/220V DC12V/24V
Police light power	10W
Colour	

LTD–6108 Solar warning light

Parameters

Model	LTD–6108
Luminous mode	LED light
Police light power	1W
Colour	

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FLASH WARNING LIGHT SERIES

LTE-5041
Small round light

LTD-5088 LTD-5088J
Vehicle fault warning light

Parameters

Model	LTE-5041
Luminous mode	LED light
Working voltage	AC220V DC12V/24V
Police light power	2W
Colour	

Parameters

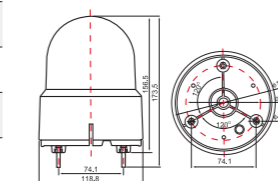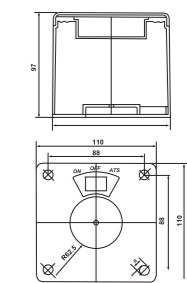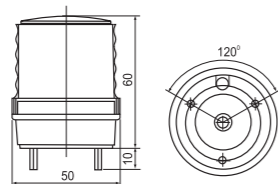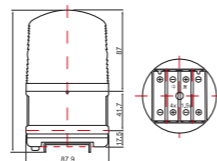| Model	LTD-5088
Working voltage	AC220V DC12V/24V
Police light power	3W
Colour	

LTE-2071/ (LTD)2071J LTE-5071 Mini
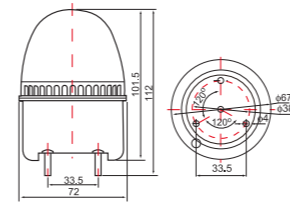
Parameters

Model	LTE-2071	Model	LTE-5071
Luminous mode	tube light	Luminous mode	LED light
Working voltage	AD220V DC12V/24V	Working voltage	AC220V DC12V/24V
Police light power	5W	Police light power	2W
Colour		Colour	

LTA-205/ (LTD)205J LTA-505 Multi-layer

Optional support
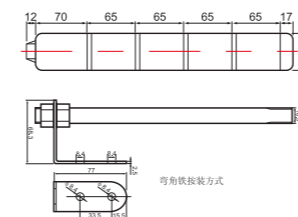
Parameters

Model	LTA-205	Model	LTA-505
Luminous mode	tube light	Luminous mode	LED light
Working voltage	AD220V DC12V/24V	Working voltage	AC220V DC12V/24V
Police light power	5W/节	Police light power	2W/节
Colour		Colour	

(LTD)LTA-204 (LTD)LTA-504 Multi-layer

Optional support

Parameters

Model	LTA-204	Model	LTA-504
Luminous mode	tube light	Luminous mode	LED light
Working voltage	AC220V DC12V/24V	Working voltage	AC220V DC12V/24V
Police light power	3W/节	Police light power	1W/节
Colour		Colour	

LTA−5055
LTA−5056
Multi−layer

Parameters

Model	LTA−5055	Model	LTA−5056
Luminous mode	LED light	Luminous mode	LED light
Working voltage	DC12V/24V	Working voltage	DC12V/24V
Police light power	2W/节	Police light power	3W/节
Colour	🟥🟨🟩🟦	Colour	🟥🟨🟩🟦

LTD−701
LTD−701J
Multi−layer

Flash type,
long light type

Parameters

Model	LTD−701	Model	LTD−701J
Luminous mode	tube light	Luminous mode	LED light
Working voltage	AD220V DC12V/24V	Working voltage	AC220V DC12V/24V
Police light power	5W/节	Police light power	3W/节
Colour	🟥🟨🟩🟦	Colour	🟥🟨🟩🟦

LTG−3093
Motorcycle front warning light

Parameters

Model	LTG−30935
Luminous mode	LED light
Working voltage	DC12V/24V
Police light power	5W
Colour	🟥🟦

125/150/250
Motorcycle flasher

Parameters

Working voltage	DC12V	
	125	10W+10W+3.4W
Output power	125	10W+10W+3.4W
	250	10W+10W+3.4W
Working frequency	85 ± 5 times/min	
Failure frequency	≥130times/min	

LTE−314
Motorcycle front warning light

Parameters

Model	LTE−314
Luminous mode	LED light
Working voltage	DC12V/24V
Police light power	5W+5W
Colour	🟥🟦

LTE−315
Motorcycle front warning light

Parameters

Model	LTE−315
Luminous mode	LED light
Working voltage	DC12V/24V
Police light power	5W+5W
Colour	🟥🟦