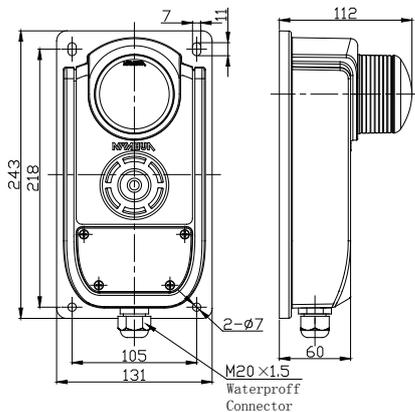


Patent NO.2012 3 0648310.6



Mounting Dimension ( Unit : mm )



Terminal diagram



Siren and light integrated diagram



Siren and light separated diagram

### Application

Applied to engineering machinery(travelling crane, crawler crane, RTG, etc), port machinery (overhead crane, bridge crane, etc); also available for workshop, power supply room as the warning device. It also can be used as the terminal device for various signal.

### Major features and functions

- Multiple tones, manually adjust, loud warning sound.
- Adopt LED bulb, high brightness, good warning effect, long life use.
- The integrated or separate work mode of the siren and light is optional.
- Special tone or voice can be customized.

### Specifications

Operating voltage	AC220V/ DC24V/DC12V(customized)	Power consumption	< 10W
Tone	32 tones ( standard ), default A tone	Warning mode	sound、 flash
Light source	LED	Light color	color
Flash mode	multiflash	Intensity	10cd
Buzzer type	Refer to model selection	Sound level	≥110dB
Fixed mode	Wall mounted	Temperature	-25°C ~ +60°C
Humidity	10% ~ 95% (non coagulation )	IP code	IP65
Material	Enclosure: PC+ABS , Housing : PC	Weight	0.75kg

### Installation and operation

- Ensure the power voltage is in line with the nominal voltage
- Fix it on the mounting surface with 4\*M6 screws, the surface should level off and has strong enough mechanical strength
- Open up nameplate, connect the power line (and control line ) through the cable gland
- After checking the connection, then power it on
- Cut off the power, turn the dial switch with screwdriver, adjust the tone per the below guidance, and then try it.

### Tone adjustable

- The product has this function only when there is a reserved dial switch on the right of the binding post.
- Use word screwdriver to adjust the tone, No touch any element and line of the circuit board to avoid any electric shock
- Turn the tone upside/downside in place, otherwise the effect will be affected.
- Refer to the below table to turn the switch

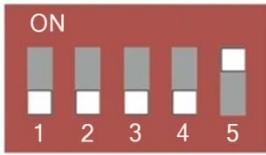
#### Group 1, car alarm sound

Dial-up value	00 000	00 001	00 010	00 011	00 100	00 101	00 110	00 111
Dial-up graph								
Tone	A tone Di Da...	B tone Wu Wa..	D tone Du..Du	E tone Firefight siren	Slow A tone Di...Da...	Air defense sound	Engineerin g sound	Aloha sound

#### Group 2 : marine alarm sound

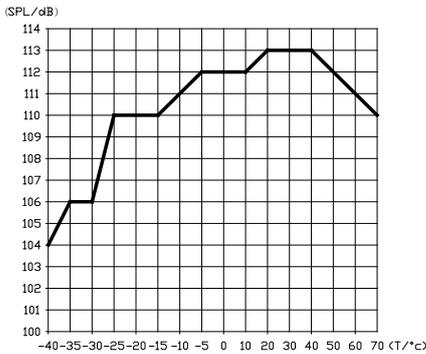
Dial-up value	01 000	01 001	01 010	01 011	01 100	01 101	01 110	01 111
Dial-up graph								
Tone	Y tone Wu...	L tone Ang.....	Alarming	Marine flute	Marine firefight sound	Marine alarm sound 1	Marine alarm sound 2	Marine alarm sound 3

#### Dial switch diagram



The value in this diagram : 00 001

#### Sound pressure temperature curve



#### Group 3 : Burglar alarm sound

Dial-up value	10 000	10 001	10 010	10 011	10 100	10 101	10 110	10 111
Dial-up graph								
Tone	Alarm 1 Quick switch	Alarm 2 Quick Btone	Alarm 3 Security tone	Alarm 4 Quick rising	Alert 1 Bass conversion tone	Alert 2 Bass riging	Alert 3 High pitch conversion tone	Alert 4 High pitch rising

#### Group 4 : warning tone

Dial-up value	11 000	11 001	11 010	11 011	11 100	11 101	11 110	11 111
Dial-up graph								
Tone	buzz	Emergency buzz	DiDi... Quick	DiDi.. 3ring 1 stop	DuDu 7ring 1 constant	DuDu 3ring 1 stop	DuDu 2times/second	DuDu 3times/second

#### Model selection table:

Model	Sound	Alarm type	Sound type /speaker type	Wiring
AL600U	32 kinds	Audible and visible synchronized	Tone/ Piezoelectric speaker	
AL601U	1 kind speech, volume adjustable	Audible and visible synchronized	Speech/ YH3 speaker	
AL602U	A/B dual tone , volume adjustable	Audible and visible synchronized , Dual tone	Tone/ Piezoelectric speaker	
AL603U	Tone (or speech)	Audible and visible separately	Tone/ Piezoelectric speaker (or speech/ YH3 speaker)	

#### Note:

- The part of material of products is PC ( like lamp cover and lamp shell ), so it cannot direct or indirect touch the organic solvent, such as industrial alcohol, banana oil, isopropyl alcohol, carbon tetrachloride, cyclohexanone and so on, otherwise, the product will be corrosion.
- Correctly use this products under the guidance of the instruction
- Please take the real object as standard during the installation
- Any problem during operation, please contact us.