LED Strobe Light and Alarm Sounder Combinations(Telephone Initiated)

QWCD-TI Series

A new concept of using the horn cover as a light globe

PRODUCT SPECIFICATION
QWCD35-TI | QWCD50-TI

Materials Horn-PC, Housing-PC+ABS

Ambient operating temperature
-30°C to +60°C (Standard type)
-50°C to +60°C (Low temperature type only DC)

Protection rating IP66

Flashing rate 60-80 flashes/min

Compliant with RoHS directive

QWCD-TI Series

- Telephone Initiated Signal beacon triggers built-in alarm sound that is activated by 25Hz Telephone Ring Signal
- Highly noticeable Telephone alarm in noisy environment
- Telephone line(2 LINE) is connected to PSTN telephone line
- Easy device customization with built in sound selection function, volume adjustment function and an SD Card slot for user inputted tones
- 31 available tones that can be selected for a variety of environments
- 31 pre-recorded tones available via binary input
- Suitable for use in environments that require a tight seal and superior dust protection rated IP66
- Easy wiring though external terminal box
- Rated power when telephone lines are not in use: 45VDC - 55VDC
- Rated power when telephone rings : 95VDC - 130VDC

Qlight's exclusive inno- vative design - the horn cover emits light!

· By using the horn cover as a light globe, the size of the product has been reduced significantly
· The color of light can be selected from red, yellow, green, or blue
· Product has two models: the basic model with 31 built-in sounds, and an external sound (MP3) type model
· Includes seven different playback functions; one function is the continuous playback function which provides constant message notification
· Can play special alarm sounds depending on environment, and supports Binary Input Method
· Can paly up to 31 sounds by saving MP3 files on SDcard
· By making the horn cover with polycarbonate (PC) material, The product has excellent durability and weather resistance
· Can be used for heavy-duty, ship, or outdoor use which requires waterproof, dustproof structure(IP66).

Built-in sound type
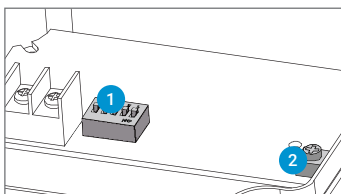
① Sound channel selection switch
② Volume dial

The input method of built-in sound type

No.	1	2	3	4	5
0	0	0	0	0	0
1	0	0	0	0	1
2	0	0	0	1	0
:	:	:	:	:	:
31	1	1	1	1	1

Built-in sound type model supports Binary input mode which provides a selection of 31 different input combinations for five kinds of sounds.
You can only select 2 numbers with 1 switch; "0", "1". With 5 switches you can have 31 combinations. Selecting one sound from 5 switches is the Binary input method.

QWCD-TI Series

Easy wiring with 2 cable entries terminal box type

QWCD35-TI Series

QWCD50-TI Series

🔔 QWCD35-TI   LED Strobe Warning Lights & Electric Horn

Model number	Voltage	Current	Sound Pattern and volume	Certificates	Weight	Color
QWCD35-TI Terminal box equipped type Builtin sound type	DC12V-24V	Max. 1.340A	·Binary Input: 31Ch ·Warning sounds : Max.115dB (Based on WS-Ch31)	-	1.30kg	● R-Red ● A-Amber
	AC110V-220V	Max. 0.370A			1.35kg	● G-Green ● B-Blue

※ DC type model has a free-voltage range of 10V-30V.

※ AC type model has a free-voltage range of 100V-240V.

🔔 QWCD50-TI   LED Strobe Warning Lights & Electric Horn

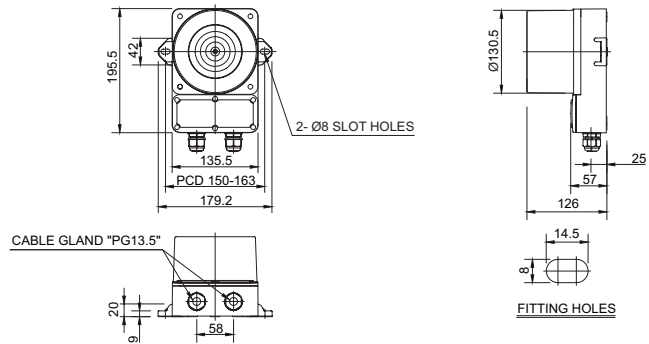| Model number	Voltage	Current	Sound Pattern and volume	Certificates	Weight	Color
QWCD50-TI Terminal box equipped type Builtin sound type	DC12V-24V	Max. 4.470A	·Binary Input: 31Ch ·Warning sounds : Max.123dB (Based on WS-Ch16)	-	3.10kg	● R-Red ● A-Amber
	AC110V-220V	Max. 0.820A			3.40kg	● G-Green ● B-Blue

※ DC type model has a free-voltage range of 10V-30V.

※ AC type model has a free-voltage range of 100V-240V.

Technical Diagram

Units: mm

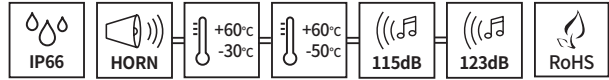·QWCD35-TI

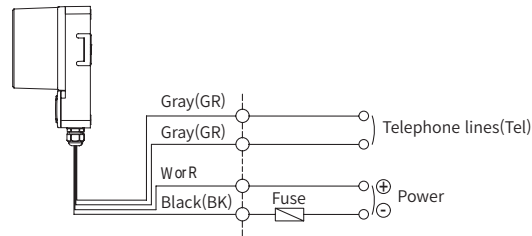195.5
42
2- Ø8 SLOT HOLES
135.5
PCD 150-163
179.2
Ø130.5
25
57
126

CABLE GLAND "PG13.5"
20
9
58

14.5
8
FITTING HOLES

·QWCD50-TI

228.5
52.1
2- Ø8 SLOT HOLES
168
PCD 186-202
222.2
Ø164.3
25
58
163

CABLE GLAND "PG13.5"
20
9
58

16
8
FITTING HOLES

| IP66 | HORN | +60°c −30°c | +60°c −50°c | 115dB | 123dB | RoHS |
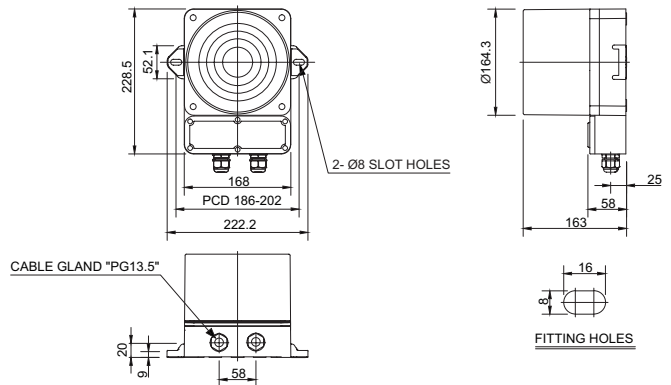
Sound Selection Instructions and Wiringt

·**QWCD35-TI / QWCD50-TI - DC/AC**

Gray(GR)
Gray(GR)) Telephone lines(Tel)
W or R
Black(BK) Fuse ⊕ ⊖ Power

· Please wire the unit in accordance with a wiring diagram below as power line and telephone line are wired externally.
· External power line - UL1015 AWG18(0.75sq) x 2C 400mm
· External telephone lines - UL1007 AWG22(0.3sq) 400mm
· Binary input 31 sound tones output
※ 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)

Ordering Specification

| QWCD35 | - | 110/220 | - | R | - | TI |

[Model number]	[Voltage]	[Color]	[Telephone Initiated]
QWCD35	12/24-DC12V-24V	●R-Red	TI-Telephone Initiated
QWCD50	110/220-AC110V-220V	●A-Amber	
		●G-Green	
		●B-Blue	