

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

- 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 through external terminal box
- Rated power when telephone lines are not in use: 45VDC - 55VDC
- Rated power when telephone rings : 95VDC - 130VDC

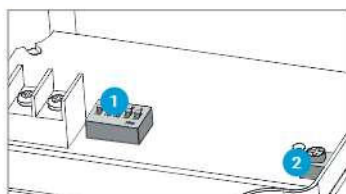


QWCD-TI Series

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 play 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

	1	2	3	4	5
ON	☐	☐	☐	☐	☐
OFF	☐	☐	☐	☐	☐
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



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-T1 Terminal box equipped type	DC12V-24V	Max. 1.340A	·Binary Input: 31Ch ·Warning sounds		1.30kg	● R-Red ● A-Amber
Built-in sound type	AC110V-220V	Max. 0.370A	·Max.115dB (Based on WS-Ch31)		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 Built-in sound type	DC12V-24V	Max. 4.470A	· Binary Input: 31Ch · Warning sounds : Max.123dB (Based on WS-Ch16)		3.10kg	 R-Red  A-Amber  G-Green  B-Blue
	AC110V-220V	Max. 0.820A			3.40kg	

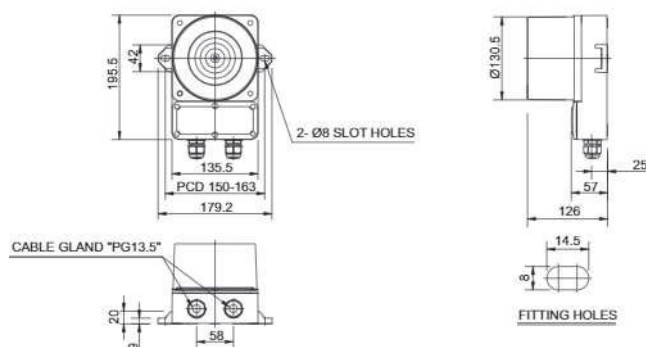
※ DC type model has a free-voltage range of 10V-30V.

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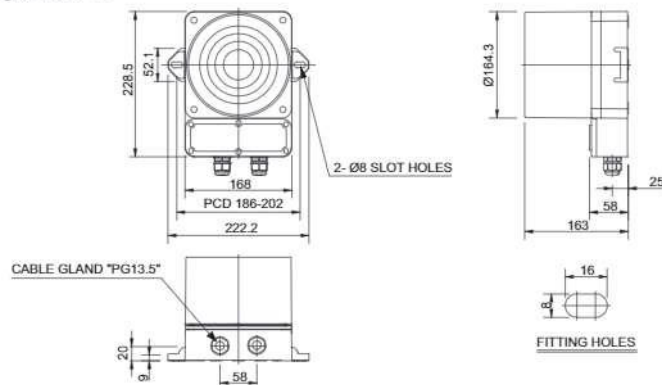
Technical Diagram

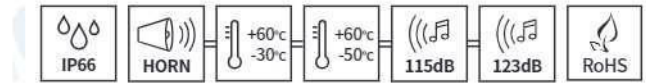
Units: mm

·OWCD35-TI



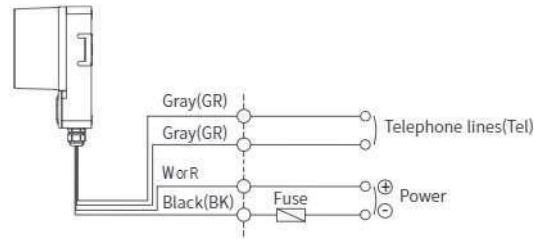
•QWCD50-TI





Sound Selection Instructions and Wiring

·QWCD35-TI / QWCD50-TI - DC/AC



- 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 QWCD50	12/24-DC12V-24V 110/220-AC110V-220V	R-Red A-Amber G-Green B-Blue	TI-Telephone Initiated

Wall Mount Electric Horn with Pre-Recorded Special Warning Sound(Telephone Initiated)

QWH-TI Series

Wall mount electric horn that offers 31 pre-recorded warning sounds and 30 user selected sound messages



• Binary input offers 31 sound

PRODUCT SPECIFICATION

QWH35-TI | QWH50-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)

Cable entry PG 13.5

Protection rating IP66

Compliant with RoHS directive

- Signal fit for the specific environment and condition.
- 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 through external terminal box
- Rated power when telephone lines are not in use: 45VDC - 55VDC
- Rated power when telephone rings : 95VDC - 130VDC

Sound Selection and Volume Adjustment Instructions

QWH series has control switches inside the unit for sound selection and volume adjustment.

You can play customized sound message(MP3) with SD Card.

QWH-TI Series Product Category

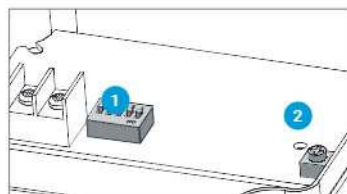
QWH35-TI	Standard pre-recorded sound type
QWH50-TI	Standard pre-recorded sound type, high volume output

The input method of built-in sound type

	1	2	3	4	5
ON	☐	☐	☐	☐	☐
OFF	☐	☐	☐	☐	☐
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

Select from 31 pre-recorded output sound options by using a combination of the 5 channel input switches. Selecting one sound by combining 5 switches is Binary Input Method The binary input method allows you to express each of the 31 alarm sound signals with a "0" or "1" by switching the 5 channels on and off as shown in the table.

Built-in sound type



- 1 Sound channel selection switch
- 2 Volume dial

QWH35-TI Wall Mount Electric Horn with Pre-Recorded Special Warning Sound

Model number	Voltage	Current	Sound Pattern and volume	Certificates	Weight
QWH35-TI	DC12V-24V	Max. 0.970A	·Binary Input: 31Ch ·Warning sounds: Max.115dB (Based on WS-Ch31)	-	1.10kg
Terminal box equipped type					
Built-in sound type	AC110V-220V	Max. 0.320A			

QWH50-TI Wall Mount Electric Horn with Pre-Recorded Special Warning Sound

Model number	Voltage	Current	Sound Pattern and volume	Certificates	Weight
QWH50-TI	DC12V-24V	Max. 3.520A	·Binary Input: 31Ch ·Warning sounds: Max.123dB (Based on WS-Ch16)	-	3.00kg
Terminal box equipped type					
Built-in sound type	AC110V-220V	Max. 0.480A			

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

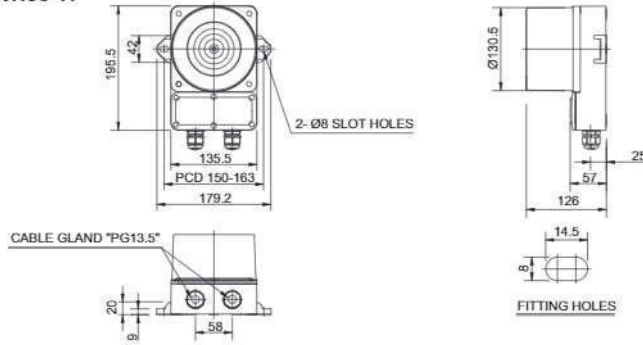
※ AC type model has a free-voltage range of 100V-240V.



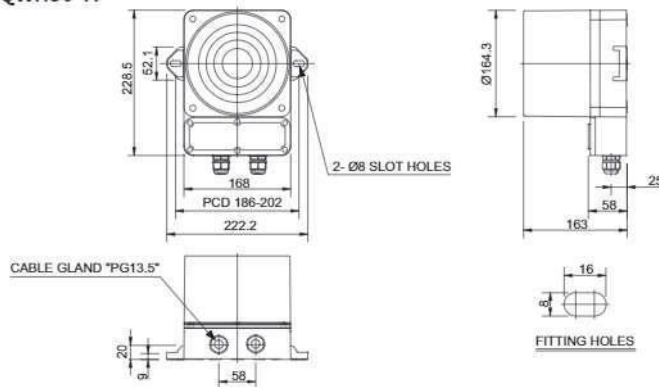
Technical Diagram

Units: mm

·QWH35-TI



·QWH50-TI



Easy wiring with 2 cable entries terminal box type



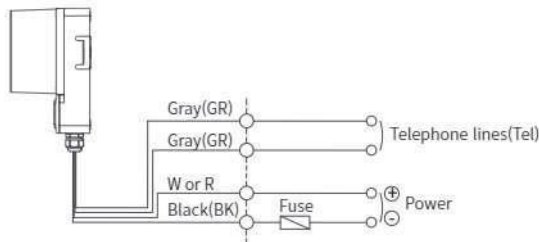
QWH35-TI
(Max.115dB)



QWH50-TI
(Max.123dB)

Sound Selection Instructions and Wiring

·QWH35-TI / QWH50-TI - DC/AC



- 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

QWH35	-	110/220	-	TI
[Model number]		[Voltage]		[Telephone Initiated]
QWH35		12/24-DC12V-24V		TI-Telephone Initiated
QWH50		110/220-AC110V-220V		

Wall Mount Electric Horn with Pre-Recorded Special Warning Sound(Telephone Initiated)

QWH-TI Series

Wall mount electric horn that offers 31 pre-recorded warning sounds and 30 user selected sound messages



• Binary input offers 31 sound

PRODUCT SPECIFICATION

QWH35-TI | QWH50-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)

Cable entry PG 13.5

Protection rating IP66

Compliant with RoHS directive

- Signal fit for the specific environment and condition.
- Telephone Initiated Signal beacon triggers built-in alarm sound that is activated by 25Hz Telephone Ring Signal
- Highly noticeable Telephone alarm in noisy environment
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- 31 pre-recorded tones available via binary input
- Suitable for use in environments that require a tight seal and superior dust protection rated IP66
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- Rated power when telephone lines are not in use: 45VDC - 55VDC
- Rated power when telephone rings : 95VDC - 130VDC

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QWH-TI Series Product Category

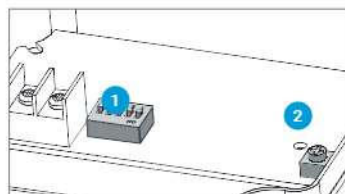
QWH35-TI	Standard pre-recorded sound type
QWH50-TI	Standard pre-recorded sound type, high volume output

The input method of built-in sound type

	1	2	3	4	5
ON	☐	☐	☐	☐	☐
OFF	☐	☐	☐	☐	☐
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

Select from 31 pre-recorded output sound options by using a combination of the 5 channel input switches. Selecting one sound by combining 5 switches is Binary Input Method The binary input method allows you to express each of the 31 alarm sound signals with a "0" or "1" by switching the 5 channels on and off as shown in the table.

Built-in sound type



- 1 Sound channel selection switch
- 2 Volume dial

QWH35-TI Wall Mount Electric Horn with Pre-Recorded Special Warning Sound

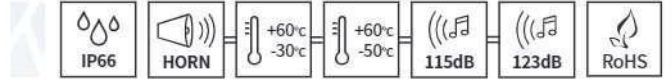
Model number	Voltage	Current	Sound Pattern and volume	Certificates	Weight
QWH35-TI	DC12V-24V	Max. 0.970A	·Binary Input: 31Ch	-	1.10kg
Terminal box equipped type			·Warning sounds: Max.115dB		
Built-in sound type	AC110V-220V	Max. 0.320A	(Based on WS-Ch31)		

QWH50-TI Wall Mount Electric Horn with Pre-Recorded Special Warning Sound

Model number	Voltage	Current	Sound Pattern and volume	Certificates	Weight
QWH50-TI	DC12V-24V	Max. 3.520A	·Binary Input: 31Ch	-	3.00kg
Terminal box equipped type			·Warning sounds: Max.123dB		
Built-in sound type	AC110V-220V	Max. 0.480A	(Based on WS-Ch16)		

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

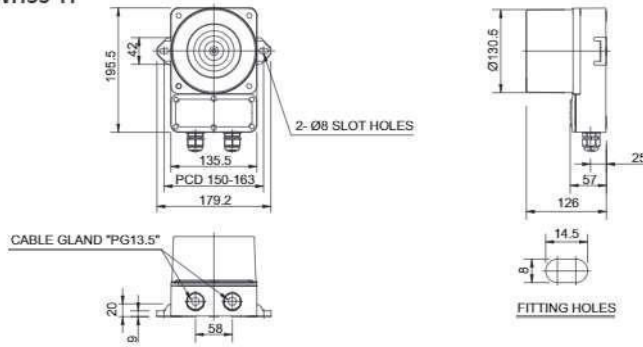
※ AC type model has a free-voltage range of 100V-240V.



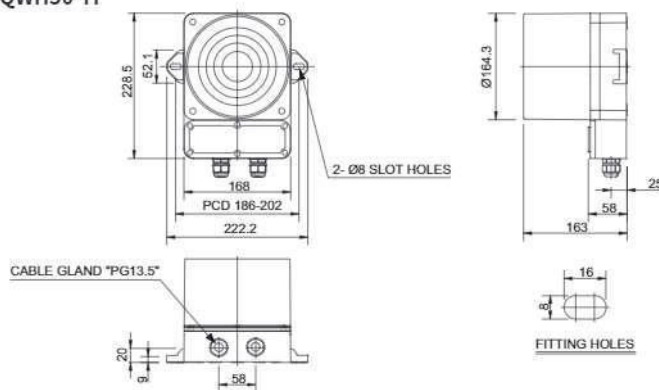
Technical Diagram

Units:mm

·QWH35-TI



·QWH50-TI



Easy wiring with 2 cable entries terminal box type



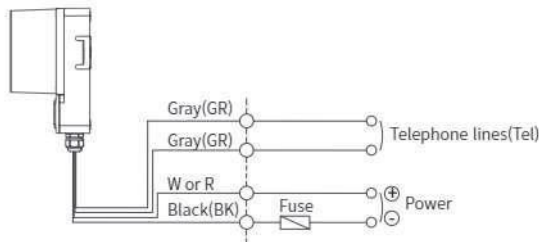
QWH35-TI
(Max.115dB)



QWH50-TI
(Max.123dB)

Sound Selection Instructions and Wiring

·QWH35-TI / QWH50-TI - DC/AC



- 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

QWH35	-	110/220	-	TI
[Model number]		[Voltage]		[Telephone Initiated]
QWH35		12/24-DC12V-24V		TI-Telephone Initiated
QWH50		110/220-AC110V-220V		

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

- Telephone Initiated Signal beacon triggers built-in alarm sound that is activated by 25Hz Telephone Ring Signal
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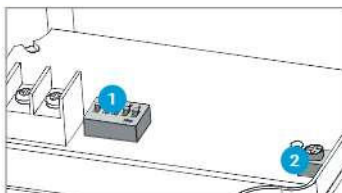


QWCD-TI Series

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
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Built-in sound type



- 1 Sound channel selection switch
- 2 Volume dial

The input method of built-in sound type

	1	2	3	4	5
ON	☐	☐	☐	☐	☐
OFF	☐	☐	☐	☐	☐
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	DC12V-24V	Max. 1.340A	·Binary Input: 31Ch ·Warning sounds : Max.115dB (Based on WS-Ch31)	-	1.30kg	● R-Red ● A-Amber ● G-Green ● B-Blue
Built-in sound type	AC110V-220V	Max. 0.370A			1.35kg	

※ 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	DC12V-24V	Max. 4.470A	·Binary Input: 31Ch ·Warning sounds : Max.123dB (Based on WS-Ch16)	-	3.10kg	● R-Red ● A-Amber ● G-Green ● B-Blue
Built-in sound type	AC110V-220V	Max. 0.820A			3.40kg	

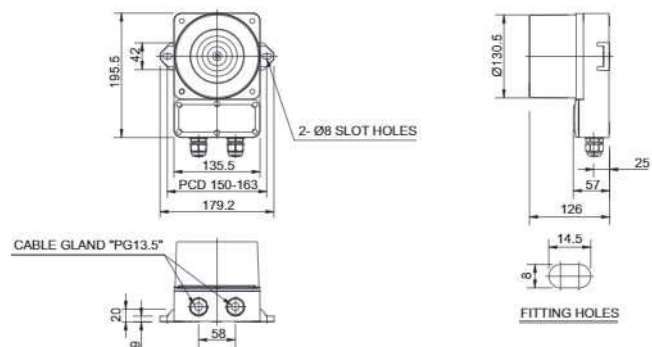
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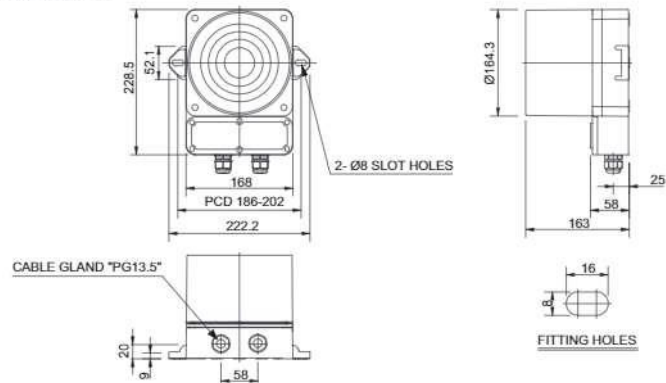
Technical Diagram

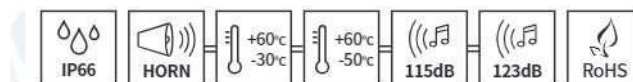
Units: mm

·QWCD35-TI



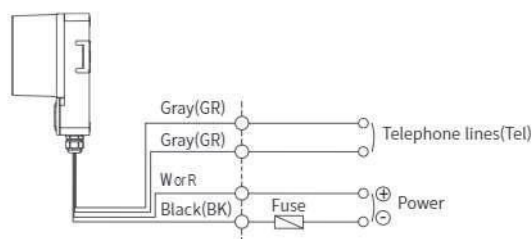
·QWCD50-TI





Sound Selection Instructions and Wiring

• QWCD35-TI / QWCD50-TI - DC/AC



• 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 QWCD50	12/24-DC12V-24V 110/220-AC110V-220V	R-Red A-Amber G-Green B-Blue	TI-Telephone Initiated