

# Wall Mount Electronic Sounder with Pre-Recorded Special Warning Sound

## QWH Series

Wall mount electronic sounder that offers 31 pre-recorded warning sounds and 31 user selected sound messages



- Bit input offers 5 channels with 6 sound outputs
- Binary input offers 31 sound outputs and SD Card (MP3) combination
- High volume type (buzzer type)

### PRODUCT SPECIFICATION

QWH35(SD) | QWH50(SD)  
QWH35T(SD) | QWH50T(SD)  
QWH35B | QWH35BT

**Materials** Horn-PC+ABS, Housing-PC+ABS

**Ambient operating temperature**

-30°C to +50°C(Standard type/buzzer type)

-50°C to +50°C(Low temperature type only DC)

-20°C to +50°C(SD Card type)

**Cable entry** PG 13.5

**Protection rating** IP66

**Compliant with RoHS directive**

- Signal fit for the specific environment and condition
- Options to select between 31 special warning sounds included in the pre-recorded sound type and SD Card(MP3) type
- Volume adjustment and sound selection switches located inside the unit. SD Card in the unit offers convenient operation.
- SD Card type allows the user to input the proper voice messages for specific operating conditions.
- Built-in special alarm type standard model and MP3(SDcard)
- Supports Binary Input Mode and Bit Input Mode for SD card
- \* Bit Input Mode can select and play 5 sounds from No. 1 to No. 5 on MP3 files of SDcard
- Tightly sealed structure that blocks water and dust with IP66 protection rating suitable for outdoor installation
- QWH35T, QWH35TSD, QWH50T, QWH50TSD allow for easy wiring with separate terminal box (Built-in terminal block for wiring inside product)
- High-volume buzzer output(QWH35B,QWH35BT)
- Support for CAN communication type products (Customization : QWH35, QWH35T)

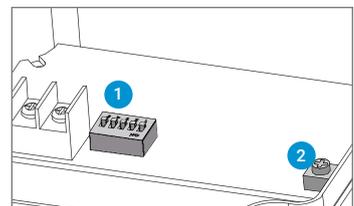
### Sound Selection and Volume Adjustment Instructions

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 Series Product Category

QWH35(T)	Standard pre-recorded sound type
QWH35(T)SD	MP3(SD Card) type
QWH50(T)	Standard pre-recorded sound type, high volume output
QWH35(T)SD	MP3(SD Card) type, high volume output
QWH35B(T)	High volume type

### Pre-recorded sound type



- 1 Sound selection switch
- 2 Volume

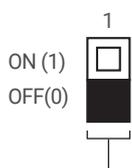
### The input method of built-in sound type

	1	2	3	4	5
ON	<input type="checkbox"/>				
OFF	<input type="checkbox"/>				
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.

### Sound selection instruction for SD Card type

- You can select between pre-recorded sound mode and SD Card sound (MP3) mode with the SOUND selection switch.



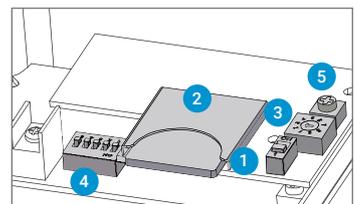
- 31 built-in alarm sounds and special sound
- Supports SD Cards for external sound (MP3)
- Binary Input: 31Ch
- Bit Input: 5Ch(SD Card only)
- Please refer to [Sound pattern and combination for special alarm product] on this catalogue for detailed settings.

Selection between pre-recorded sound mode and SD Card sound mode

0: pre-recorded sound mode

1: SD Card sound mode

### SD Card (MP3) type



- 1 Sound setting switch
- 2 MP3 playable SD Card slot
- 3 Play mode setting switch
- 4 Sound selection switch
- 5 Volume

# Wall Mount Electronic Sounder with Pre-Recorded Special Warning Sound

## QWH Series



**QWH35 Series  
(Max.115dB)**



**QWH50 Series  
(Max.123dB)**

### QWH35 Wall Mount Electronic Sounder with Pre-Recorded Special Warning Sound, Max.115dB

Model number	Voltage	Current	Sound pattern and volume	Certificates	Weight
QWH35 Built-in standard sound	DC12V-24V	Max.1.15A	·Bit Input: 5Ch (SD Card) ·Binary Input: 31Ch ·Warning sounds: Max.115dB (Based on Ch31) ·MP3: Max.112dB	CE	0.90kg
	AC110V-220V	Max.300mA			
QWH35SD MP3	DC12V-24V	Max.1.15A		UL	1.00kg
	AC110V-220V	Max.300mA			

※ UL Listed: DC12-24V

### QWH50 Wall Mount Electronic Sounder with Pre-Recorded Special Warning Sound, Max.123dB

Model number	Voltage	Current	Sound pattern and volume	Certificates	Weight
QWH50 Built-in standard sound	DC12V-24V	Max.3.6A	·Bit Input: 5Ch (SD Card) ·Binary Input: 31Ch ·Warning sounds: Max.123dB (Based on Ch16) ·MP3: Max.115dB	CE	2.70kg
	AC110V-220V	Max.730mA			
QWH35SD MP3	DC12V-24V	Max.3.6A		UL	2.80kg
	AC110V-220V	Max.730mA			

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

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

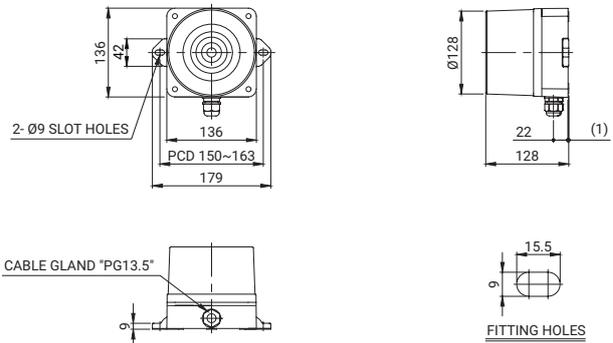
※ UL Listed: DC12-24V

※ When playing MP3 files, there may be difference of volume depending on user's audio file type.

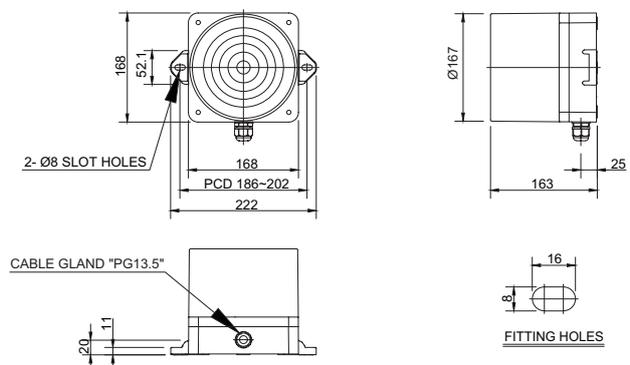
#### Technical Diagram

Units: mm

#### ·QWH35/QWH35SD



#### ·QWH50/QWH50SD

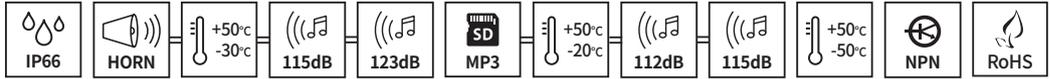


#### Customization

- External threading of signal line for sound selection (Model number: -LC)
- Support for CAN communication type products (QWH35 DC only)
- Cold-resistance type (DC type only)

#### Wiring Instructions

QWH50	110/220	LC	INSD
[Model number]	[Voltage]	[sound selection]	[Including SD card]
QWH35 QWH35SD QWH50 QWH50SD	12/24-DC12V-24V 110/220-AC110V-220V	None-Standard type LC Type-Uses external contact	None-Without SD card INSD-Including SD card



### QWH35T Wall Mount Electronic Sounder with Pre-Recorded Special Warning Sound, Max.115dB

Model number	Voltage	Current	Sound pattern and volume	Certificates	Weight
QWH35T Built-in standard sound	DC12V-24V	Max.1.15A	·Bit Input: 5Ch (SD Card) ·Binary Input: 31Ch ·Warning sounds: Max.115dB (Based on Ch31)	CE UL	1.10kg
	AC110V-220V	Max.300mA			
QWH35TSD MP3	DC12V-24V	Max.1.15A	·MP3: Max.112dB	CE UL	1.15kg
	AC110V-220V	Max.300mA			

※ UL Listed: DC12-24V

### QWH50T Wall Mount Electronic Sounder with Pre-Recorded Special Warning Sound, Max.123dB

Model number	Voltage	Current	Sound pattern and volume	Certificates	Weight
QWH50T Built-in standard sound	DC12V-24V	Max.3.6A	·Bit Input: 5Ch (SD Card) ·Binary Input: 31Ch ·Warning sounds: Max.123dB (Based on Ch16)	CE UL	3.00kg
	AC110V-220V	Max.730mA			
QWH50TSD MP3	DC12V-24V	Max.3.6A	·MP3: Max.115dB	CE UL	3.10kg
	AC110V-220V	Max.730mA			

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

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

※ UL Listed: DC12-24V

※ When playing MP3 files, there may be difference of volume depending on user's audio file type.

Allows for easy wiring with terminal box and 2 cable gland equipped



**QWH35T Series**  
(Max.115dB)

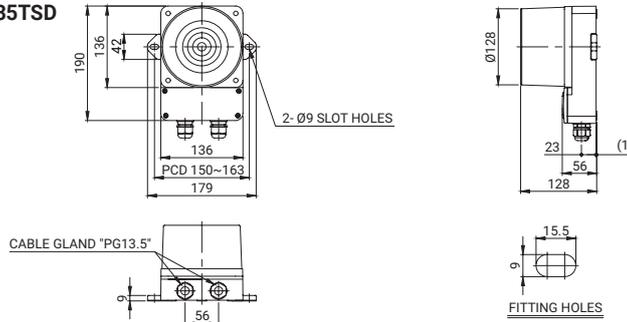


**QWH50T Series**  
(Max.123dB)

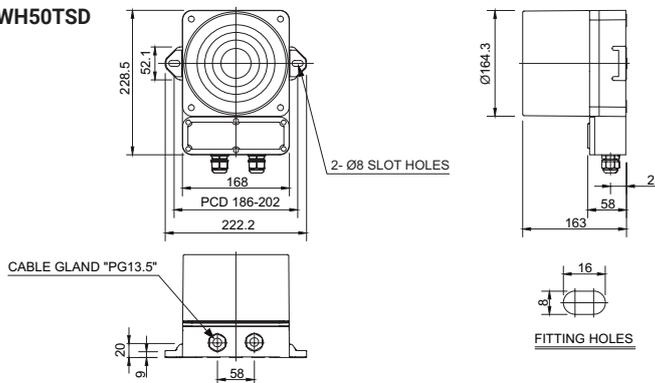
### Technical Diagram

Units: mm

#### ·QWH35T / QWH35TSD



#### ·QWH50T / QWH50TSD



### Ordering Specification

<b>QWH35T</b>	-	<b>110/220</b>	-	<b>LC</b>	-	<b>INSD</b>
[Model number]		[Voltage]		[sound selection]		[Including SD card]
QWH35T QWH35TSD QWH50T QWH50TSD		12/24-DC12V-24V 110/220-AC110V-220V		None-Standard type LC Type-Uses external contact		None-Without SD card INSD-Including SD card

### Customization

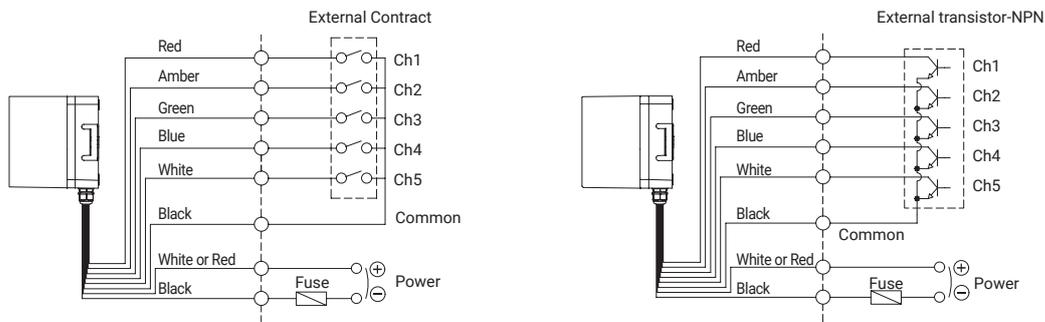
- External threading of signal line for sound selection(Model number: -LC)
- Support for CAN communication type products(QWH35T DC only)
- Cold-resistance type(DC type only)

## QWH Series

### Wiring Instructions

- Standard specification: Uses internal switches
- Customization: Uses external contact

- QWH35 / QWH50-DC/AC
- QWH35T / QWH50T-DC/AC



- Channel selection, 5 sounds available with Bit input and 31 sound available with Binary input
- DC type : Black output line is negative(-)
- ※ Please refer to [Sound pattern and combination for multifunctional product] on this catalogue for channel input setting(Wiring instruction is replaced to channel selection switch).