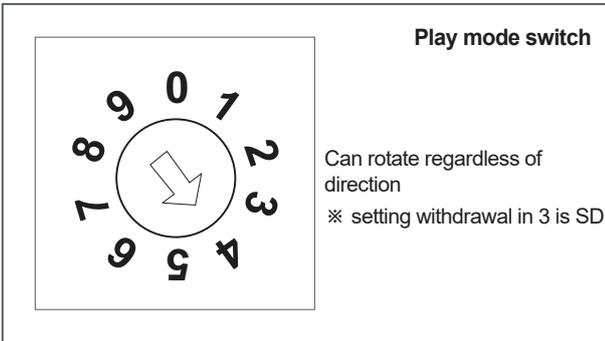


Play Mode Setting

- Can select between channel input methods (bit/ binary) and various playback modes.
- Use a (-) flat screwdriver to rotate one space at a time (regardless of the direction of rotation).
- Switch 0 and 9 have no function.

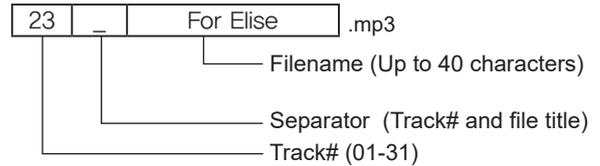


PLAY MODE	
1	<p>Bit Input Mode</p> <ul style="list-style-type: none"> • Play back one of the 5 built-in or external sounds once • For a built-in sound, the playback time is about 10 seconds
2	<p>Binary Input Mode</p> <ul style="list-style-type: none"> • Play back one of the 31 built-in or external sounds once • For a built-in sound, the playback time is about 10 seconds
3	<p>Bit Input Hold Playback Mode</p> <ul style="list-style-type: none"> • Play back one of the 5 built-in or external sounds continuously
4	<p>Binary Input Hold Playback Mode</p> <ul style="list-style-type: none"> • Play back one of the 31 built-in or external sounds continuously
5	<p>Bit Input Sound Reduction Mode</p> <ul style="list-style-type: none"> • Decrease the volume of the selected channel by 15dB • Play back one of the 5 built-in or external sounds continuously
6	<p>Binary Input Sound Reduction Mode</p> <ul style="list-style-type: none"> • Decrease the volume of the selected channel by 15dB • Play back one of the 31 built-in or external sounds continuously
7	<p>Bit Input Sequence Memory Playback Mode</p> <ul style="list-style-type: none"> • When other channel signals are continuously inputted within 3 seconds after inputting the channel, the input order is memorized and playback in the memorized order (playback time is 3 - 5 seconds) • The last input channel is played continuously (Bit input only)
8	<p>Test Mode</p> <ul style="list-style-type: none"> • In the test mode, the Ch1 of the built-in sound or the external sound is automatically played continuously • Switch back to another mode to exit test mode

SD Card Specifications and Sound Saving Manual



- SD card specifications
- Use standard SD card.
- Mini SD or Micro SD also can be used with adaptor.
- SD, SDHC type supported
- Storage capacity : Max. 32GB
- Class : No specification
- Please save the MP3 sound file on the SD card as shown below.
- Create an "MP3_FILE" folder on the SD card and save the MP3 file in the following file format.
- MP3 file format



- When saving files, please save them in order.
- Please start saving after formatting the SD card.
- The length of the file name must not exceed 40 characters.

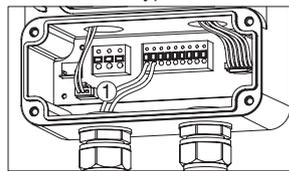
[Example]

- MP3 01_Fire.mp3
- MP3 02_Emergency.mp3
- MP3 03_For Elise.mp3
- ⋮
- MP3 31_Cuckoo's Waltz.mp3

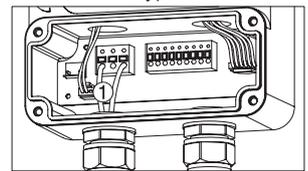
Wiring Instruction for Terminal Block

■ QWCD35(Built-in Sound Type)/ QWCD35SD(SD Card Type)

QWCD35-DC type

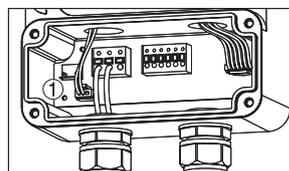


QWCD35-AC type

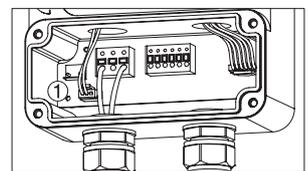


■ QWCD50(Built-in Sound Type)/ QWCD50SD(SD Card Type)

QWCD50-DC type



QWCD50-AC type



- Please wire up the power line into terminal ①.
- Please use 'O' type or 'U' type wire terminal for safe wiring.
- AC type : Can be wired regardless of polarity.
- DC type : Please refer to above figure and carefully follow the wiring instructions.

Operation Method and Setting

Model number	Built-in sound	When playing a built-in sound	When playing an external sound (SD Card)	
		Binary input	Bit input	Binary input
QWCD35 QWCD50	31 types of sounds	Play one of 31 special warning sounds	-	-
QWCD35SD QWCD50SD	31 types of sounds	Play one of 31 special warning sounds	Play one of the 5 user-recorded sounds	Play one of the 31 user-recorded sounds

1. QWCD35/ QWCD50

■ When Using a Built-in Sound in Binary Input Mode

- Use 'Channel Selection Switch' to select one of the 31 built in sounds.
- For more information, see page 5 'Sound Selection' section.
- For LC type product, refer to page2 'Bit/ Binary Input Method According to Wiring Method' section for detailed manual of channel selection method.

2. QWCD35SD/ QWCD50SD

■ When Using a Built-in Sound in Binary Input Mode

※ Sound switch setting → Play mode switch setting → Channel selection

1. Set the sound setting switch to OFF to select the built-in sound.
 - For more information, please refer to page 6 'Selecting between Built-in Sound and External Sound'.
2. Select one of 4 modes(2, 4, 6, or 8) by using play mode setting switch.
 - Mode 8 is a test mode and the sound of channel 1 is continuously played. (In this case, channel selection is disabled.)
 - For more information, please refer to page7, 'Play Mode Setting'.
3. Use the channel selection switch to select one of the 31 built in sound.
 - For more information, please refer to page5, 'Binary Input - Use Built-in Sound Source'.
 - For Extracted sound selection signal line type(LC) product, refer to page2 'Bit/ Binary Input Method According to Wiring Method' for details of channel selection method.

■ When Using an External Sound Source (SD Card) in Bit Input Mode

※ Insert SD card → Sound switch setting → Play mode switch setting → Channel selection

1. Please refer to page 7 'SD Card Specifications and Sound Saving Manual' to see how to save sound files.
 - Supports up to 5 user-defined sounds.
2. Insert the SD card into the SD card slot.
3. Set the No. 1 switch of the sound switch to ON to select external sound.
 - For more information, please refer to page 6 'Selection between Built-in Sound and External Sound (SD Card Type)'
4. Use the Play mode setting switch to select 1, 3, 5, 7 or 8 mode.
 - Mode 8 is a test mode which continuously plays channel 1. (In this case, channel selection is disabled.)
 - For more information, refer to page7, 'Play Mode Setting'.
5. To select a channel, use the terminal block in the back side of the product to select one of the 5 user-defined sounds.
 - For more information, please refer to page 5 'Bit Input - Use External Sound (SD Card)'
 - For external signal line type (LC) products, please refer to page 2 'Bit/ Binary Input Method Depending on Wiring Method'.

■ When Using an External Sound Source (SD Card) Source in Binary Input Mode

※ Insert SD card → Sound switch setting → Play mode switch setting → Channel selection

1. Please refer to page 7 'SD Card Specifications and Sound Saving Manual' to see how to save sound files.
 - Supports up to 5 user-defined sounds.
2. Insert the SD card into the SD card slot.
3. Set the No. 1 switch of the sound setting switch to ON to select external sound.
4. Use the play mode setting switch to select 1, 3, 5, 7 or 8 mode.
 - Mode 8 is a test mode which continuously plays channel 1. (In this case, channel selection is disabled.)
 - For more information, refer to page7 'Play Mode Setting'.
5. Use the sound select switch to select the one of the 31 user-defined sounds.
 - For more information, please refer to page 6 'Binary Input - Playing External Sound (SD Card)'
 - For external signal line type (LC) products, please refer to page 2 'Bit/ Binary Input Method Depending on Wiring Method'.

Technical Certification

- Qlight products are designed to meet strict quality and technical standards. Thus, the Qlight brand is widely recognized for its high quality and technical innovations from leading institutions around the world.



ISO International Organization for Standardization

Qlight quality assurance systems have been certified by ISO by applying the ISO 9001:2008, KS Q ISO 9001:2009 regulation.



IECEX International Explosion Proof Certification (IECEX)

Certified that Qlight's products are being manufactured and managed according to international standards.



ATEX The European Regulatory Framework or Manufacture, Installation and Use of Equipment in Explosive Atmospheres

Qlight's explosion proof products comply with ATEX Directives 94/9/EC.



NEPSI National Supervision and Inspection Center for Explosion Protection and Safety of Instrumentation

Qlight's design and manufacturing system meets the People's Republic of China National explosion proof Standard. (Chinese Standard-GB3836/GB12476)



KCs Explosion Proof Device Safety Certification System

The safety performance of machines and equipment subject to safety certification and Technical capability and production system have been certified safety certification standards.



TIIS Japan Explosion-proof Certification

TIIS is a Japanese explosion proof test and certification system accordance with the Ministry of Health, Labour and Welfare Notice and the explosion proof guidelines for factory electrical equipment. Qlight's explosion proof products have been tested and certified by TIIS.



CCS China Classification Society

Qlight's design and quality assurance system has been certified by the China Classification Society.



RMRS Russian Maritime Register of Shipping

Qlight's design and quality assurance system has been certified from Russian Maritime Register of Shipping.



LR Lloyd's Register

Qlight's design and quality assurance system has been certified from Lloyd's Register.



KR Korean Register of Shipping

Qlight's design and quality assurance system has been certified by the Korean Register of Shipping.



KC Korea Safety Certification

Qlight's products are certified by KC for preventing accident caused by fire.



E-mark Commission Directive Regarding Vehicle Industry

Qlight has obtained EU mark for approved vehicles and vehicle components sold into the EU (EEA : European Economic Area)



ICAO International Civil Aviation Organization

Qlight guarantees our products satisfy the criteria regulated by the International Civil Aviation Organization (ICAO, FAA).



KCC Conformity Assessment of Broadcasting Communication Equipment

Qlight has been certified to protect the electromagnetic environment that causes unwanted electromagnetic waves from the device, communication failure due to other devices or external radio waves, and malfunction of the device.



UL Underwriters Laboratories

Qlight's design and quality assurance system has been certified from UL to ensure the stability of consumption goods and to protect consumers.



CCCF China Certification Center for Security & Protection

Qlight has passed the rigorous examination process of "Passing Fire Protection Products Centering" In order to sell fire-fighting products such as fire alarm equipment to Chinese market.



CCC China Compulsory Certificate

Qlight's has obtained CCC which guarantees safety, protection against fraud, environment, etc.



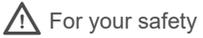
CE European Commission

Qlight has been certified by the European Commission.



RoHS2 Restriction of Hazardous Substances Directive

Qlight complies with the Restriction of Hazardous Substances Directive by limiting its use of hazardous materials.



For your safety

Specification and dimensions listed in this catalogue subject to change without notice for product quality improvement.
The newest product information is available on our website.(www.qlight.com)
Please read the instruction manual attached to the product carefully before installation and use.

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You can expect prompt service if you have exact information such as model name, symptom, telephone number and address.

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