QMPS

Panel Mounted Multi-Functional Speaker

Qlight

Both built-in sounds and option for external sound input via SDcard (MP3) have 30 built-in sounds
## Able to avoid signal confusion with a variety of tone options

- **Bit Input offers 5 channels with 6 sound outputs**
- **Binary Input offers 30 sound outputs**
- **SDcard (MP3) combination**

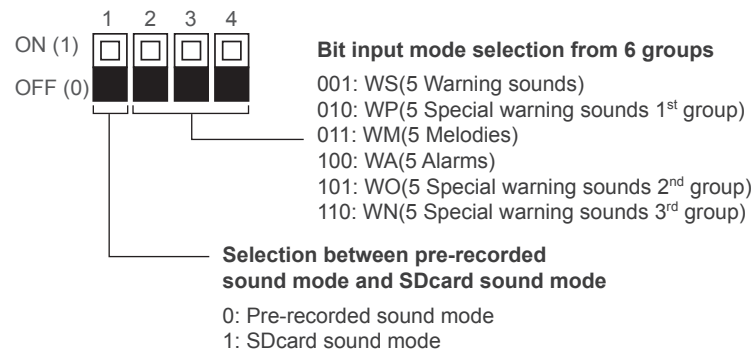### QMPS QMPS Panel Embedded Multifunctional Speaker (SDcard/ MP3 Type)

- Can prevent cross talk of different voice environments by selecting an audio signal fit for the specific environment and condition
- Offers both Binary and Bit input mode options with 30 pre-recorded sounds
- Binary input mode has built-in 30 messages that can be played with switch for sound selection
- Bit input mode is organized into 6 groups of 5 sound tones for a total of 30 sound tone options. Playback can be selected from one of the 5 tones in each group (MP3 file with bit input mode)
- Volume adjustment and sound selection switches located inside the unit
- SDcard type can play MP3 voice messages, user can select and change the sound message after record it
- Sound volume : Max 98dB at 1m
- Materials : Housing-ABS, Cover-ABS
- Ambient operating temperature : -25°C to +50°C
- Protection rating : IP54
- Certificates : CE Compliant, UL Listed
- Compliant with RoHS directive
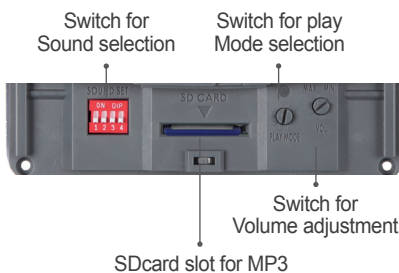
Sound Selection Instruction for SDcard Type

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

```
              1   2   3   4
ON (1)       [ ] [ ] [ ] [ ]
OFF (0)      [■] [■] [■] [■]
```

Bit input mode selection from 6 groups

001: WS(5 Warning sounds)
010: WP(5 Special warning sounds 1st group)
011: WM(5 Melodies)
100: WA(5 Alarms)
101: WO(5 Special warning sounds 2nd group)
110: WN(5 Special warning sounds 3rd group)

Selection between pre-recorded sound mode and SDcard sound mode

0: Pre-recorded sound mode
1: SDcard sound mode

• Features

Switch for Sound selection
Switch for play Mode selection
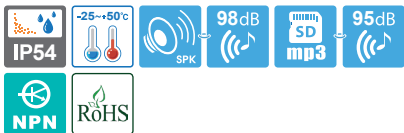Switch for Volume adjustment
SDcard slot for MP3

SDcard(MP3) Type

You can easily rearrage the sound playback and group arrangement with PC. Capacity is 32Gbyte.
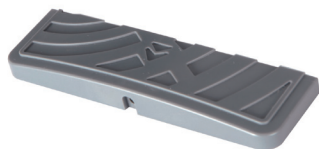* SDcard sold separately.

- 30 pre-recorded sounds offered (5 warning sounds, 5 special warning sounds 1st group, 5 melodies, 5 alarms, 5 special warning sounds 2nd group, 5 special warning sounds 3rd group)
- External MP3 sound support (SDcard)
- Binary input : 30 channels
- Bit input : 5 channels (6 sound groups)
- A multi-functional product that can use an SDcard for MP3 playback
- Details on how to setup the multi-functional speakerphone are on page 28
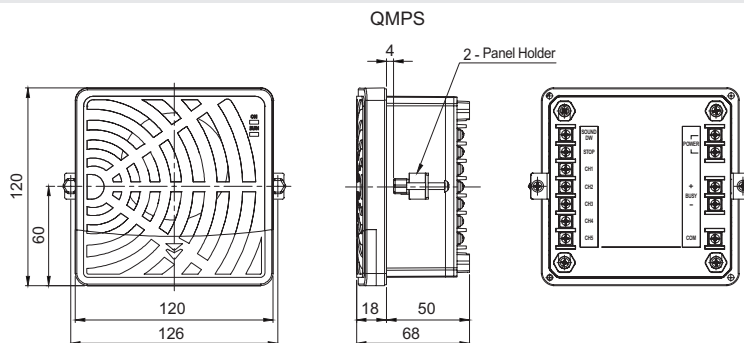
QMPS

Panel Mounted Multifunctional Speaker

IP54 | -25~+50℃ | 98dB SPK | 98dB MP3 | 95dB SD mp3 | 95dB

NPN | RoHS

QMPS

Warning/Signal/Stackable

Signal & Electric Horn/Speakers

Vessels and Heavy-Duty Equipment

Explosion Proof

Warning Light Bar

Aviation Obstruction Lights

Signal Tower Lights

USB/ETN Signal Tower Lights

Electric Horn/Speakers

Industrial LED Lights

QMPS Max. 98dB, Panel Mounted Multifunctional Speaker

Model number	Voltage	Current	dB	Input Method/No. of Ch	Certificate	Weight
QMPS	DC12V-24V	Max 0.750A	• Warning : 98dB • MP3 : 95dB	Bit Input : 5Ch Binary Input : 30Ch	CE DC only UL DC only	0.35kg
	AC110V-220V	Max 0.100A				0.53kg

※ DC type model has a free-voltage range of DC10V-30V.
※ AC type model has a free-voltage range of AC100V-240V.

Technical Diagram   (Units : mm)

QMPS

120 / 60 / 120 / 126 / 4 / 2 - Panel Holder / 18 / 50 / 68

Wiring Instructions

QMPS-DC

EXTERNAL CONTACT

SOUND DW / STOP / Ch 1 / Ch 2 / Ch 3 / Ch 4 / Ch 5 — SOUND DW / STOP / Ch1 / Ch2 / Ch3 / Ch4 / Ch5 — POWER — Fuse — POWER / Active at Busy / Maximum Load 500mA

EXTERNAL TRASISTOR-NPN

SOUND DW / STOP / Ch 1 / Ch 2 / Ch 3 / Ch 4 / Ch 5 — POWER (전원) Fuse / Active at Busy / Maximum Load 500mA

EXTERNAL TRASISTOR-PNP

SOUND DW / STOP / Ch 1 / Ch 2 / Ch 3 / Ch 4 / Ch 5 — POWER (전원) Fuse / Active at Busy / Maximum Load 500mA

QMPS-AC

EXTERNAL CONTACT

SOUND DW / STOP / Ch 1 / Ch 2 / Ch 3 / Ch 4 / Ch 5 — SOUND DW / STOP / Ch1 / Ch2 / Ch3 / Ch4 / Ch5 — POWER — Fuse — POWER / Active at Busy / Maximum Load 500mA / Common

EXTERNAL TRASISTOR-NPN

SOUND DW / STOP / Ch 1 / Ch 2 / Ch 3 / Ch 4 / Ch 5 — Fuse — POWER / Active at Busy / Maximum Load 500mA / Common

EXTERNAL TRASISTOR-PNP

SOUND DW / STOP / Ch 1 / Ch 2 / Ch 3 / Ch 4 / Ch 5 — Fuse — POWER / Active at Busy / Maximum Load 500mA / Common

Terminal box for wiring both power and sound pattern(Rear)

• In case of bits input, 5 sound tones can be played. For Binary input, 30 sound tones can be played.

※ Please refer to page 28 for detailed channel input instructions.
  (Wiring instruction is substituted for channel selection switch)

Ordering Specification

QMPS	-	12/24
[Model number]		[Voltage]
• QMPS		• 12/24-DC12V-24V • 110/220-AC110V-220V