QMPS / QMPS-N

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

QMPS I QMPS-N

- **QMPS(MP3)**
  - User defined 30 sounds
  - 30 built-in sounds
- **QMPS-N(standard unit)**
  - 30 built-in sounds

PRODUCT SPECIFICATION

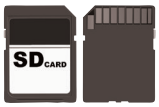
QMPS I QMPS-N

Materials Housing-ABS, Cover-ABS
Ambient operating temperature -25°C to +50°C
Volume Max.95dB at 1m
Protection rating IP54
Compliant with RoHS directive

- 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
- SD card type can play MP3 voice message, user can select and change the sound message after record it
- Customer can choose any built-in sounds among 30 sound tons in case of a standard unit.

User-defined sound(MP3)

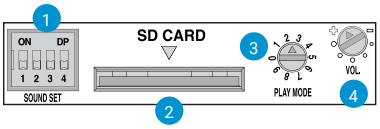
· User-defined sound(MP3) type



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

Features

· Standard unit does not support either SD card or Play mode.

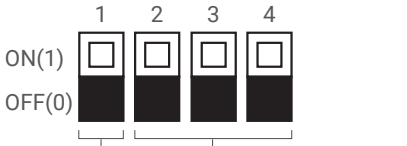


1. Switch for Sound selection
2. SD card slot for MP3
3. Switch for play Mode selection
4. Switch for Volume adjustment

Sound Selection Instruction for SDcard Type

· SD card type unit
- It can choose both built-in sounds and user defined sounds(MP3) by controlling sound setup switch no. 1.

· Standard unit
- It can choose both Bit input mode and Binary input mode by controlling sound setup switch no. 1.



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)

Sound Selection
0: Built-in sound
1: SD Card(MP3)

Standard unit(Built-in sound only)
0:Bit input(Can choose 5 channels per group)
1:Binary(Can choose 30 channels)

· 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(SD card)
· Binary input: 30 channels
· Bit input: 5 channels(6 sound groups)
· A multi-functional product that can use an SD card for MP3 playback
· Please refer to [Sound pattern and combination for multifunctional product] on this catalogue for channel input setting.

Features per modelst

	QMPS(MP3)	QMPS-N(standard unit)	Column
Support SD card(MP3)	O	X	
Support 30 built-in sounds	O	O	
Play mode	O	X	
Bit/Binary input	O	O	Please refer to sound setup switch manual parts

IP54 | +50°C -25°C | SPK | 95dB | SD MP3 | 90dB | NPN | PNP | RoHS

QMPS Panel Mounted Speaker, Max.95dB

Model number	Voltage	Current	Volume	Input Method /No. of Ch	Certificates	Weight
QMPS SD card	DC12V -24V	Max. 570mA	· SD card · Built-in sound: Max.95dB (Based on Ch17) · MP3: Max.90dB	·Bit Input: 5Ch ·Binary Input: 30Ch	CE	0.35kg
	AC110V -220V	Max. 115mA			UL	0.53kg

※ When playing MP3 files, there may be difference of volume depending on user's audio file type.
※ DC type model has a free-voltage range of 10V-30V.
※ AC type model has a free-voltage range of 100V-240V.
※ CE compliant: DC12V-24V, UL Listed: DC12V-24V

QMPS

QMPS-N Panel Mounted Speaker, Max.95dB

Model number	Voltage	Current	Volume	Input Method /No. of Ch	Certificates	Weight
QMPS-N Built-in standard sound	DC12V -24V	Max. 380mA	· Built-in standard sound · Built-in sound: Max.95dB (Based on Ch17)	·Bit Input: 5Ch ·Binary Input: 30Ch	CE	0.35kg
	AC110V -220V	Max. 130mA				0.53kg

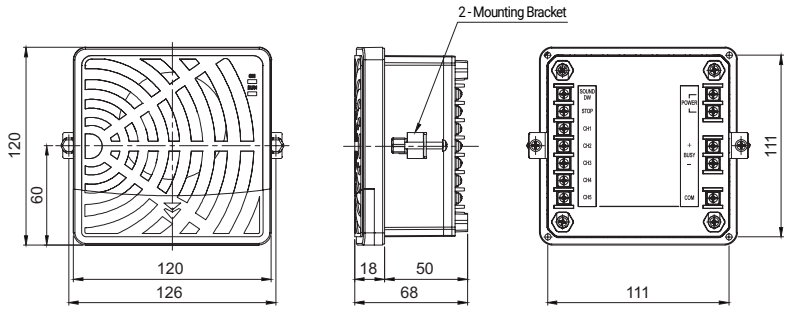
※ DC type model has a free-voltage range of 10V-30V.
※ AC type model has a free-voltage range of 100V-240V.
※ CE compliant: DC12V-24V

QMPS-N

Technical Diagram

Units: mm

·QMPS / QMPS-N



Terminal block for power and sound(back side)

Ordering Specification

·QMPS

QMPS	-	12/24	-	INSD
[Model number]		[Voltage]		[Including SD card]
QMPS		12/24-DC12V-24V 110/220-AC110V-220V		None-Without SD card INSD-Including SD card

·QMPS-N

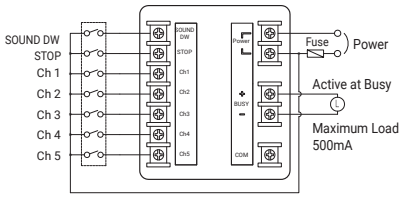
QMPS	-	12/24
[Model number]		[Voltage]
QMPS-N		12/24-DC12V-24V 110/220-AC110V-220V

QMPS / QMPS-N

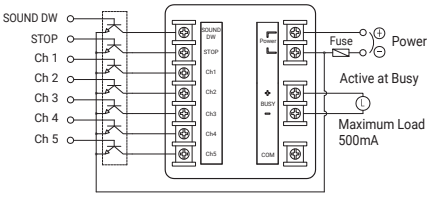
Wiring Instructions

·QMPS-DC

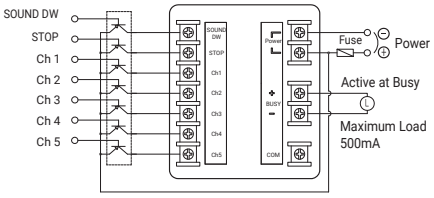
External Contact



External transistor-NPN

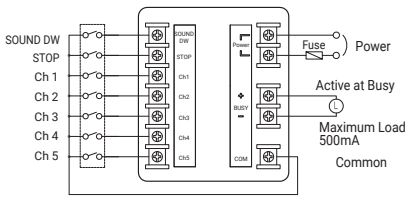


External transistor-PNP

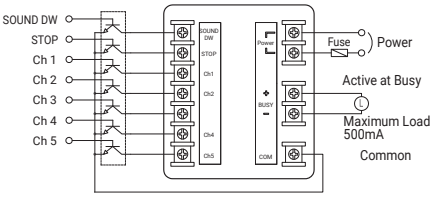


·QMPS-AC

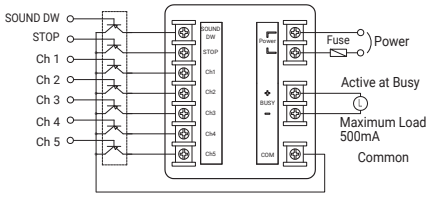
External Contact



External transistor-NPN



External transistor-PNP

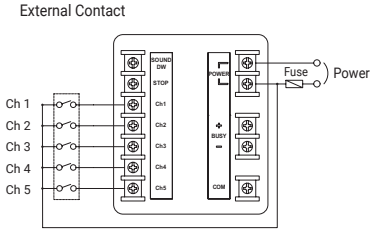


· In case of Bit input, 5 sound tones can be played. For Binary input, 30 sound tones can be played.

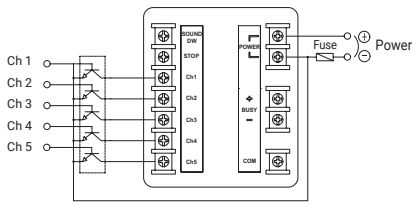
※ Please refer to [Sound pattern and combination for multifunctional product] on this catalogue for channel input setting(Wiring instruction is replaced to channel selection switch)

·QMPS-N-DC

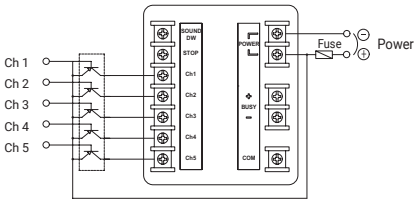
External Contact



External transistor-NPN

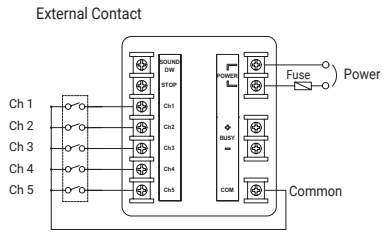


External transistor-PNP

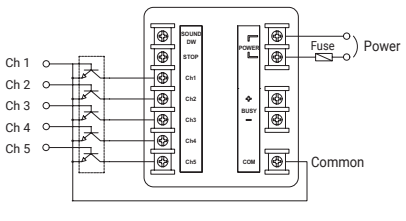


·QMPS-N-AC

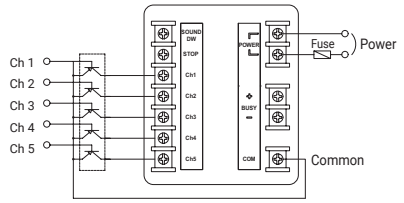
External Contact



External transistor-NPN



External transistor-PNP



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