

# QAP series

## Electric Horn/ High Siren Buzzer Horn

Wall mount multifunctional electric horn which supports 30 built-in sounds and 30 user defined sounds(MP3)

- Bit input : 5Ch(6 groups)
- Binary input : 30Ch
- Support SDcard(MP3)

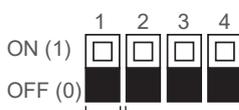


### Common Specifications(QAP80/ QAP100/ QAP125)

- Signal sound diffusing structure with wall mount supports 30 Built-in sounds and 30 user defined sounds
- Buzzer type siren horn supports Max 105dB
- Volume control and tone selector switches are installed inside the unit (Buzzer type is unsupported)
- User has the ability to enter voice tones directly into the unit via MP3 files from the SDcard
- This product has 30 Built-in sounds via binary input mode or bit input mode
- Binary input mode allows the user to select from 30 different sound options with the tone selection switch
- 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)
- Supports both SDcard and MP3(QAP100HC/QAP125HC)
- Materials : Housing-ABS, Resonance chamber-ABS
- Ambient operating temperature : -25°C to +50°C
- Protection rating : IP65
- Compliant with RoHS directive

### Sound Selection Instruction for SDcard Type(Buzzer type is unsupported)

You can select between pre-recorded sound mode and SDcard sound (MP3) mode with the SOUND selection switch No.1



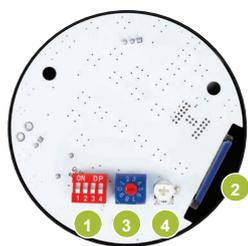
#### Bit input mode selection from 6 groups

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

#### Selection between pre-recorded sound mode and SDcard sound mode

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

### • Features(Buzzer type is unsupported)



- 1 Switch for Sound selection
- 2 SDcard slot for MP3
- 3 Switch for play mode selection
- 4 Switch for volume adjustment

### SDcard(MP3) Type



You can easily rearrange 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 1<sup>st</sup> group, 5 melodies, 5 alarms, 5 special warning sounds 2<sup>nd</sup> group, 5 special warning sounds 3<sup>rd</sup> 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 148

# QAP series



- Bit input : 5Ch(6 groups)
- Binary input : 30Ch
- SDcard(MP3)



QAP100H/ QAP100BZ



QAP series' buzzer and electric sound signal is rich and clear because of the way the resonance chamber amplifies the sound.

## Electric Horn/ High Siren Buzzer Horn

### QAP100H Electric Horn, Wall Mount Type

- Built-in sound/ MP3

Model number	Voltage	Current	Built-in Sound and dB	Certificate	Weight
QAP100H	DC12V-24V	Max.0.720A	• Bit Input : 5Ch • Binary Input : 30Ch	CE	0.60kg
	AC110-220V	Max.0.175A	• Warning : Max 115dB • MP3 : Max 95dB		0.63kg

- ※ DC type model has a free-voltage range of 12V-30V.
- ※ AC type model has a free-voltage range of 100V-240V.
- ※ Please refer to page 149 for detailed sound pattern information.

### QAP100BZ High Siren Buzzer, Wall Mount Type

- Built-in high buzzer

Model number	Voltage	Current	Built-in Sound and dB	Certificate	Weight
QAP100BZ	DC12V	0.230A	• Buzzer Volume : Max 105dB	CE	0.65kg
	DC24V	0.150A			0.68kg
	AC110-220V	Max.0.095A			

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



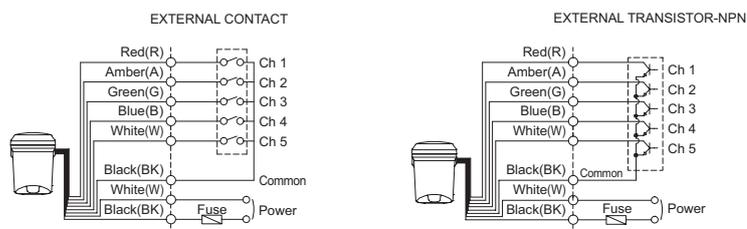
#### Technical Diagram

(Units : mm)



#### Wiring Instructions

##### QAP100H-DC/AC



- External power line standard : UL1015 AWG18(0.75sq)×2C 400mm
- Signal line standard : UL1007 AWG22(0.3sq) 400mm
- Product can be wired regardless of polarity
- In case of bits input, 5 sound tones can be played. For Binary input, 30 sound tones can be played

- ※ Please refer to page 148 for detailed channel input instructions.  
(Wiring instruction is substituted for channel selection switch.)



#### Ordering Specification

QAP100H	110/220
[Model number]	[Voltage]
• QAP100H	• 12/24-DC12V-24V • 110/220-AC110V-220V
• QAP100BZ	• 12-DC12V • 24-DC24V • 110/220-AC110V-220V