

# 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



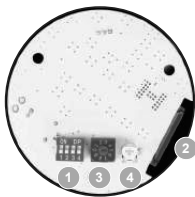
#### Bit input mode selection from 6 groups

- 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)



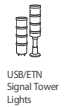
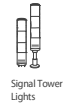
- 1 Switch for Sound selection
- 2 SDCard slot for MP3
- 3 Switch for play mode selection
- 4 Switch for volume adjustment

### 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 28



# QAP series

Qlightec

## Electric Horn/ High Siren Buzzer Horn



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



QAP80H/ QAP80BZ

QAP80 does not support SDCard.



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

### QAP80H Electric Horn, Wall Mount Type

- Built-in sound

Model number	Voltage	Current	Built-in Sound and dB	Certificate	Weight
QAP80H	DC12V-24V	Max. 0.920A	<ul style="list-style-type: none"> <li>• Bit Input : 5Ch</li> <li>• Binary Input : 30Ch</li> <li>• Warning : Max 100dB</li> </ul>	CE	0.51kg

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

※ Please refer to page 145 for detailed sound pattern information.

### QAP80BZ High Siren Buzzer, Wall Mount Type

- Built-in high buzzer

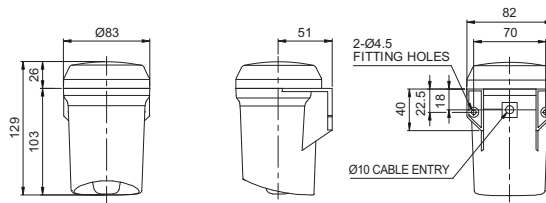
Model number	Voltage	Current	Built-in Sound and dB	Certificate	Weight
QAP80BZ	DC12V	0.350A	• Buzzer Volume : Max 105dB	CE	0.54kg
	DC24V	0.175A			0.59kg



#### Technical Diagram

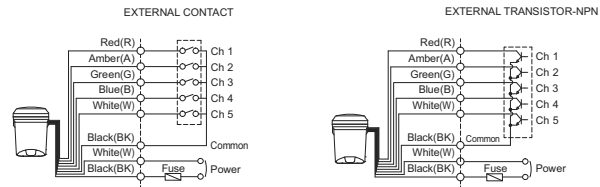
(Units : mm)

QAP80H/ QAP80BZ



#### Wiring Instructions

QAP80H-DC



- 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 140 for detailed channel input instructions.  
(Wiring instruction is substituted for channel selection switch.)



#### Ordering Specification

QAP80H	-	12/24
[Model number]		[Voltage]
• QAP80H		• 12/24-DC12V-24V
• QAP80BZ		• 12-DC12V • 24-DC24V