

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



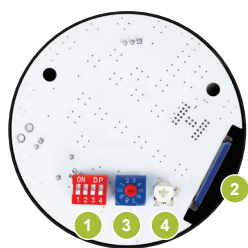
Bit input mode selection from 6 groups

- 001: WS(5 Warning sounds)
- 010: WP(5 Special warning sounds 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(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 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



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



Wireless
Network
System

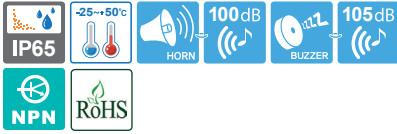


Electric Horn/
Speakers



Industrial
LED Lights

QAP series



- 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.

Electric Horn/ High Siren Buzzer Horn

QAP80H Electric Horn, Wall Mount Type

- Built-in sound

Model number	Voltage	Current	Built-in Sound and dB	Certificate	Weight
QAP80H	DC12V-24V	Max 0.450A	<ul style="list-style-type: none"> • Bit Input : 5Ch • Binary Input : 30Ch • Warning : Max 100dB 	-	0.51kg

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

※ Please refer to page 29 for detailed sound pattern information.

QAP80BZ High Siren Buzzer, Wall Mount Type

- Built-in high buzzer

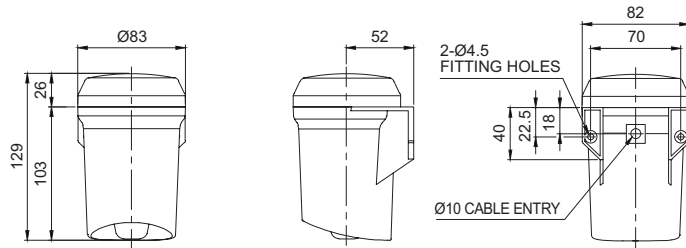
Model number	Voltage	Current	Built-in Sound and dB	Certificate	Weight
QAP80BZ	DC12V	0.300A	• Buzzer Volume : Max 105dB	-	0.54kg
	DC24V	0.150A			0.59kg



Technical Diagram

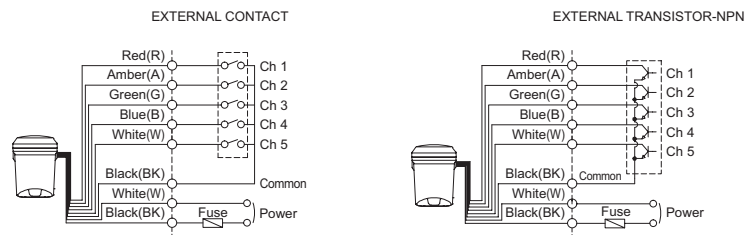
(Units : mm)

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

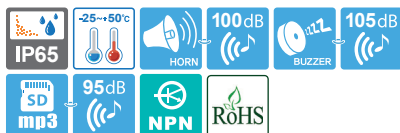
※ Please refer to page 28 for detailed channel input instructions.
(Wiring instruction is substituted for channel selection switch.)



Ordering Specification

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

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	<ul style="list-style-type: none"> • Bit Input : 5Ch • Binary Input : 30Ch • Warning : Max 115dB • MP3 : Max 95dB 		0.60kg
	AC110-220V	Max.0.175A			0.63kg

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

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

※ Please refer to page 29 for detailed sound pattern information.

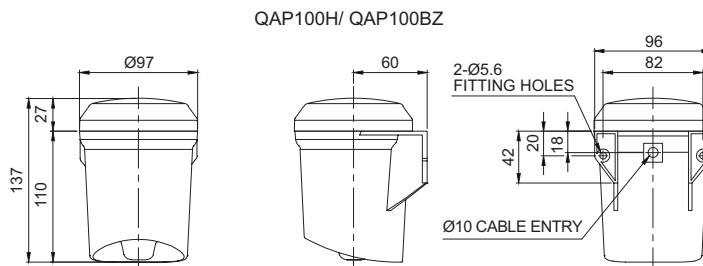
QAP100BZ High Siren Buzzer, Wall Mount Type

- Built-in high buzzer

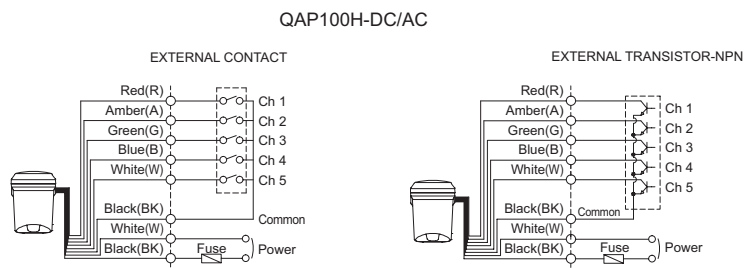
Model number	Voltage	Current	Built-in Sound and dB	Certificate	Weight
QAP100BZ	DC12V	0.230A	<ul style="list-style-type: none"> • Buzzer Volume : Max 105dB 		0.65kg
	DC24V	0.150A			0.68kg
	AC110-220V	Max.0.095A			

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

Technical Diagram (Units : mm)



Wiring Instructions



- 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 28 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



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



Wireless
Network
System

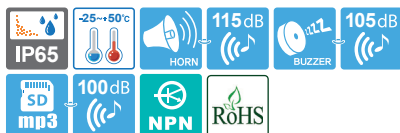


Electric Horn/
Speakers



Industrial
LED Lights

QAP series



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



QAP125H/ QAP125BZ



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

QAP125H Electric Horn, Wall Mount Type

- Built-in sound/ MP3

Model number	Voltage	Current	Built-in Sound and dB	Certificate	Weight
QAP125H	DC12V-24V	Max.1.800A	<ul style="list-style-type: none"> • Bit Input : 5Ch • Binary Input : 30Ch • Warning : Max 115dB • MP3 : Max 100dB 	-	0.70kg
	AC110-220V	Max.0.380A			0.73kg

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

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

* Please refer to page 29 for detailed sound pattern information.

QAP125BZ High Siren Buzzer, Wall Mount Type

- Built-in high buzzer

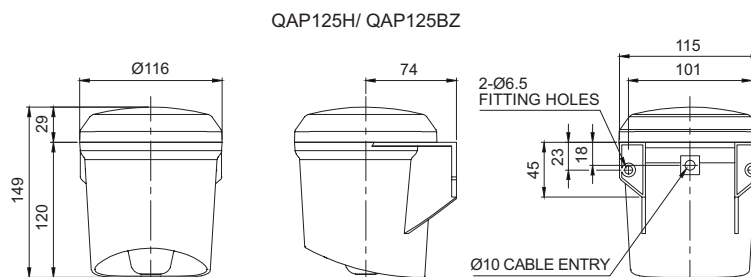
Model number	Voltage	Current	Built-in Sound and dB	Certificate	Weight
QAP125BZ	DC12V	0.230A	<ul style="list-style-type: none"> • Buzzer Volume : Max 105dB 	-	0.75kg
	DC24V	0.300A			0.78kg
	AC110-220V	Max.0.095A			0.78kg

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



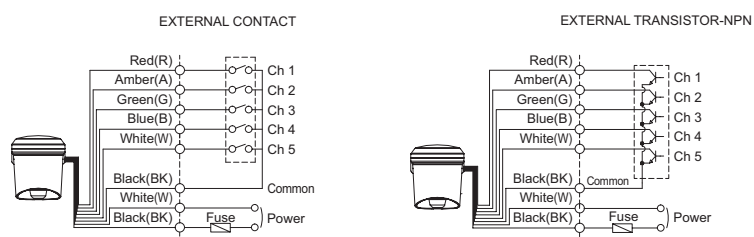
Technical Diagram

(Units : mm)



Wiring Instructions

QAP125H-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 28 for detailed channel input instructions.
(Wiring instruction is substituted for channel selection switch.)



Ordering Specification

QAP125H	-	110/220
[Model number]		[Voltage]
• QAP125H		<ul style="list-style-type: none"> • 12/24-DC12V-24V • 110/220-AC110V-220V
• QAP125BZ		<ul style="list-style-type: none"> • 12-DC12V • 24-DC24V • 110/220-AC110V-220V