Electric Horn/ High Siren Buzzer Horn

QAP Series

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

PRODUCT SPECIFICATION

QAP80H | QAP100H | QAP125H
QAP100H-N | QAP125H-N

Materials Housing-ABS, Resonance chamber-ABS
Ambient operating temperature -25℃ to +50℃
Protection rating IP65
Compliant with RoHS directive

- Signal sound diffusing structure with wall mount supports 30 Built-in sounds and 30 user defined sounds
- 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 SD card
- 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 SD card and MP3(QAP100H/QAP125H)
- Standard unit choose built-in sound only. It can choose 30 sounds in accordance with the customer's needs.

· **QAP100H / QAP125H**
 (SD card(MP3) support)
 - User defined 30 sounds, 30 built-in sounds
· **QAP100H-N / QAP125H-N (standard unit)**
 - 30 built-in sounds

Function setting for multifunctional product
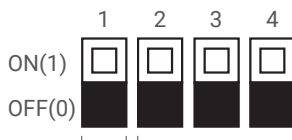
· Standard unit does not support either SD card or Play mode.
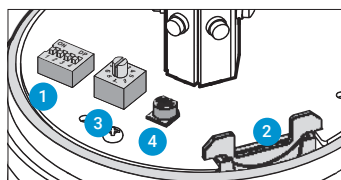
1 Sound setup switch
2 SD Card for MP3 play
3 Play mode set up switch
4 Volume

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.

	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)

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

	QAP100H / QAP125H(MP3)	QAP80H / QAP100H-N QAP125H-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

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QAP100H-N Electric Horn, Wall Mount Type

Model number	Voltage	Current	Sound Pattern and volume	Certificates	Weight

QAP100H-N	DC12V-24V	Max.1.100A	· Bit Input: 5Ch
			· Binary Input: 30Ch
			· Built-in volume
			  : Max.100dB
			  (Based on WA-Ch4)
				C€	0.60kg

	AC110-220V	Max.0.160A			0.63kg

※ DC type model has a free-voltage range of 10V-30V.
※ AC type model has a free-voltage range of 100V-240V.

QAP125H-N Electric Horn, Wall Mount Type

Model number	Voltage	Current	Sound Pattern and volume	Certificates	Weight

QAP125H-N	DC12V-24V	Max.0.830A	· Bit Input: 5Ch
			· Binary Input: 30Ch
			· Built-in volume
			  : Max.115dB
			  (Based on WA-Ch4)
				C€	0.70kg

	AC110-220V	Max.0.170A			0.73kg

※ DC type model has a free-voltage range of 10V-30V.
※ AC type model has a free-voltage range of 100V-240V.

QAP100H / QAP100H-N

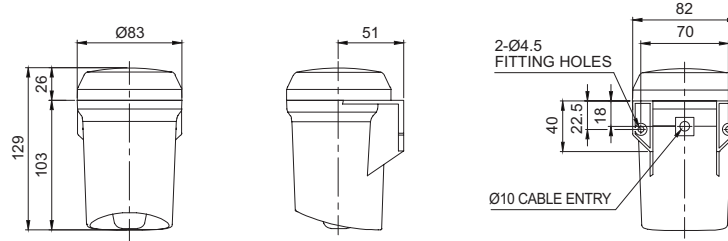## Ordering Specification

QAP100H-N	-	12/24

[Model number]
|
QAP100H-N
QAP125H-N

[Voltage]
|
12/24-DC12V-24V
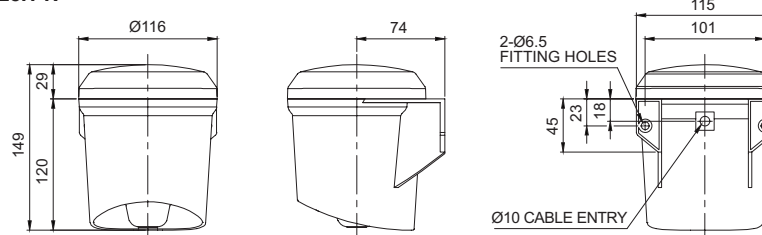110/220-AC110V-220V
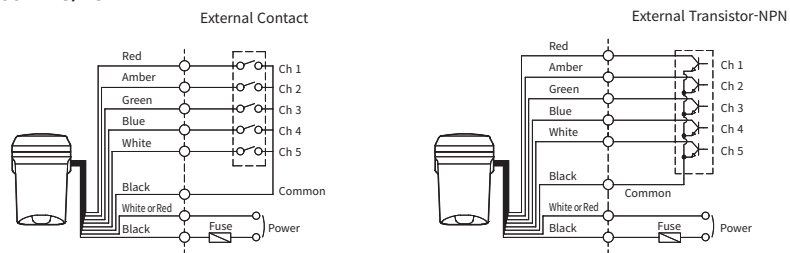
QAP Series

Technical Diagram
Units: mm

·QAP80H

Ø83 · 51 · 82 / 70
129 / 103 / 26
2-Ø4.5 FITTING HOLES
40 / 22.5 / 18
Ø10 CABLE ENTRY

·QAP100H / QAP100H-N

Ø97 · 60 · 96 / 82
137 / 110 / 27
2-Ø5.6 FITTING HOLES
42 / 20 / 18
Ø10 CABLE ENTRY

·QAP125H / QAP125H-N

Ø116 · 74 · 115 / 101
149 / 120 / 29
2-Ø6.5 FITTING HOLES
45 / 23 / 18
Ø10 CABLE ENTRY
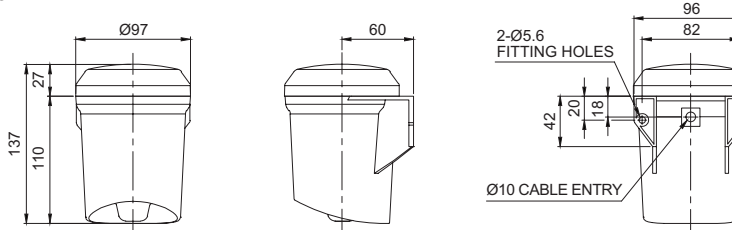
Wiring Instructions

·QAP80H-DC / QAP100H-DC/AC
·QAP100H-N-DC/AC

External Contact

Red — Ch 1
Amber — Ch 2
Green — Ch 3
Blue — Ch 4
White — Ch 5
Black — Common
White or Red
Black — Fuse — Power

External Transistor-NPN

Red — Ch 1
Amber — Ch 2
Green — Ch 3
Blue — Ch 4
White — Ch 5
Black — Common
White or Red
Black — Fuse — Power

·QAP125H-DC/AC
·QAP125H-N-DC/AC

External Contact

Red — Ch 1
Amber — Ch 2
Green — Ch 3
Blue — Ch 4
White — Ch 5
Black — Common
White or Red
Black — Fuse — Power

External Transistor-NPN

Red — Ch 1
Amber — Ch 2
Green — Ch 3
Blue — Ch 4
White — Ch 5
Black — Common
White or Red
Black — Fuse — Power
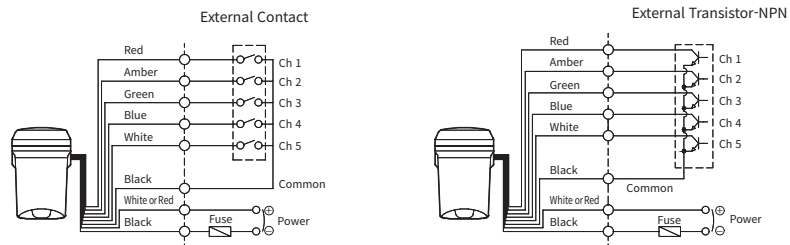
· External power line - UL1015 AWG18(0.75sq) x 2C 400mm
· External signal line - UL1007 AWG22(0.3sq) 400mm
· QAP80H / QAP100H - This product can be wired regardless of polarity.
· QAP125H - Black output line is negative(-).
· In case of Bit input, 5 sound tones can be played. For Binary input, 30 sound 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)