

BT

Signal Horn

ADPCM 64 kbit/s
BT-04 type

85dB/m

4 channels

□ 108

Indoor only IP34 embedded wall mount

NPN
Open collector

Wall-mount Signal Horn featuring sound volume of up to 85dB (at 1m).

- ADPCM 64kbit/s: High sound quality from LSI digital voice synthesizer^{*1}.
- Built-in Alarm: Adjustable audible sound up to 85dB (at 1m) with volume control and power switch^{*2}.
- Sound Pattern: Up to 8 patterns ---K type: 8 alarm sounds, L type: 6 melodies + 2 chimes, M type: 8 melodies, BT-04 type: 4 messages^{*3}.
- Installation: 3 types ---2 types of direct panel-mount, embedded wall-mount.
- Compatibility: Connectable to DIN□92mm when embedded.
- CE Compliance: BT type AC/DC 24V only.

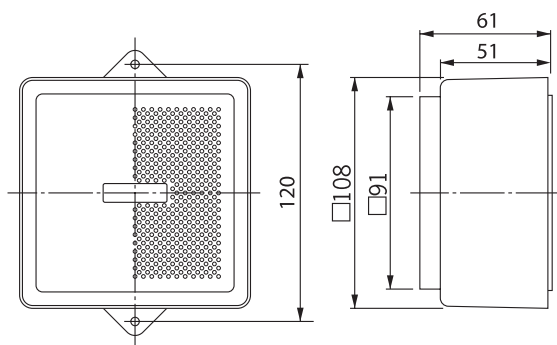
*1 BT-04 type only.

*2 K, L, M type only.

*3 BT-04 type only; Playback always starts from the beginning.

Ch	BT-M type 8 melodies.			BT-K type 8 alarm sounds.	BT-L type 6 melodies and 2 chimes.		
	G type	H type	P type	A type	S type	F type	Q type
1	Runner	Happy birthday	She wore a yellow ribbon	Beep (slow intermittent horn)	Amaryllis	For Elise	Merry had a little Lamb
2	I want to take care of you	Mickey mouse club march	My darling clementine	Stutter (rapid intermittent horn)	Symphony No.40	Maiden's Prayer	The camptown Races
3	Oribia wo kikinagara	It's a small world	The yellow rose of Texas	Bell (clear highpitched bell)	Silent Lakeside	Minuet	Cuckoo
4	September	Forest bear	Yankee doodle	Yelp (rapid siren)	Mountain musician	Annie Laurie	Blacksmith in the village
5	Saturday lovers	Cha cha cha toy	When the saints go marchin' in	Rapid Hi-Lo	Romance De Amour	London bridge is falling down	On the Avignon bridge
6	Autumn	Is there a kid like this?	Londonderry air	Melody Chime	Petrouchka	Holdiridia	Ob-La-Di, Ob-La-Da
7	Surf heaven, Ski heaven	Lullaby (Schubert)	Havah nagilah	Synthesized Piano	Chime		
8	Color/White blend	Rudolph the red-nosed reindeer	JAMAICA FAREWELL	Synthesized Bell	Call sign		

Dimensions

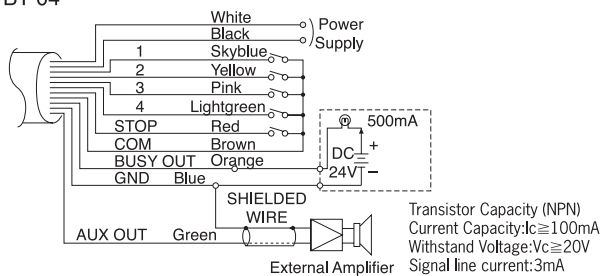


(mm)

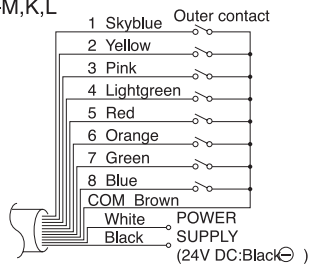
Wiring Diagram

Wiring Diagram

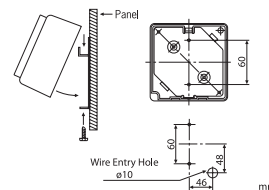
BT-04



BT-M,K,L

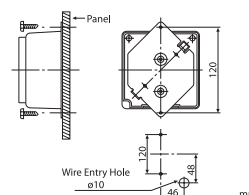


Installation



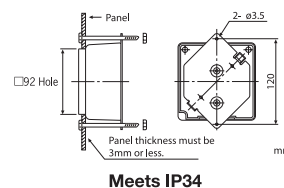
1) Panel-mount 1

Install directly to the panel enclosure with the detachable mount. Once mounted, volume control can be accessed easily from the bottom.



2) Panel-mount 2

For a more permanent and tamper free mount, turn the special mounting plate (patent pending) and mount the BT directly to the panel.



3) Wall-mount 2

Flush mount is used in restricted areas or for a concealed look (DIN?92mm).

BT type

Model	Rated Voltage	Voltage Range	Power Consumption	Volume	Outer Contact Capacity	Operating Temperature Range	Auxiliary Input	Channel	AUX Output	BUSY Output	Max Message Time	Mass							
BT-04JS	AC/DC 24V	AC 20V~25V DC 20V~28V	7W/6W	Max. 85dB at 1m	More than 5mA	-10°C~+55°C Humidity 85% or less.	Voltage free contact 4/1bit	4	-10dBv 600Ω	Max. load DC24V 500mA	16 sec.	0.43kg							
BT-04KS	AC 100V	AC 90V~110V	4W			0.5kg													
BT-04QS	AC 220V	AC 180V~240V	4W			0.5kg													
BT-24K	AC/DC 24V	AC 20V~26V DC 20V~28V	3.5W			3W	-20°C~+55°C Humidity 85% or less.	Voltage free contact 8/1bit	8	—	—	—	0.43kg						
BT-100K	AC 100V	AC 90V~110V	0.5kg																
BT-200K	AC 200V	AC 200V~240V	0.5kg																
BT-24L	AC/DC 24V	AC 20V~26V DC 20V~28V	3.5W			3W							-20°C~+55°C Humidity 85% or less.	Voltage free contact 8/1bit	8	—	—	—	0.43kg
BT-100L	AC 100V	AC 90V~110V	0.5kg																
BT-200L	AC 200V	AC 200V~240V	0.5kg																
BT-24M	AC/DC 24V	AC 20V~26V DC 20V~28V	3.5W			0.43kg													
BT-100M	AC 100V	AC 90V~110V	3W			0.5kg													
BT-220M	AC 220V	AC 200V~240V				0.5kg													