BSV-L

Voice Annunciator

87 dB at 1m

15 Channels (Binary)

520 Seconds

IP54

□75

NPN/PNP
Open-collector

Now more playback time for longer, or more messages.

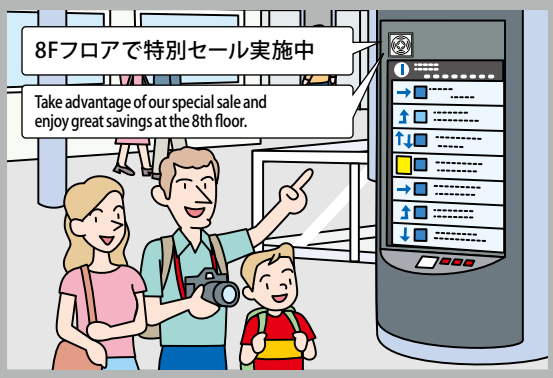
FEATURES

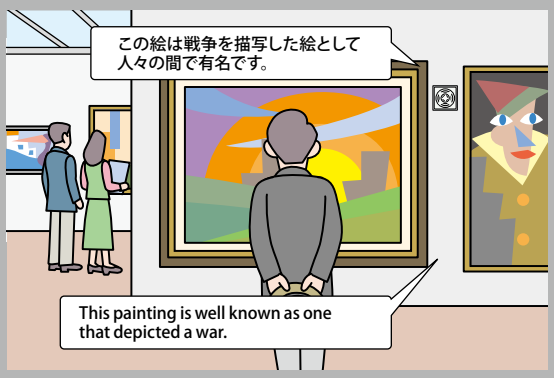
- Sound reduction
- Use the SD card to change messages while out in the field or set up modes for the right application.
- It complies with Europe's environment-friendly RoHS Directivem, conforms to the CE requirements and UL Listed.
- Can be used with transistor driven inputs. (Either NPN or PNP)
- A compact design with only a thickness of 19.9mm.
- Two installation choices of panel or wall mount with a Protection Rating of IP54 (Only for front panel mount attachment) .
- The volume control is accessible from the front with maximum output of 87dB (at 1m).

Use it for multilingual messages

☐ Scene: Stores, Hotels, public transportation, tourist resort spots
☐ Application: Announce Events, Emergency Service, Museums, etc.

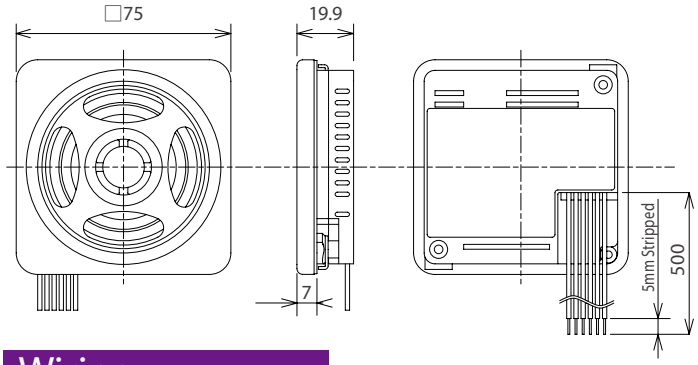
With a four-language playback, it gives 4 times as many messages.





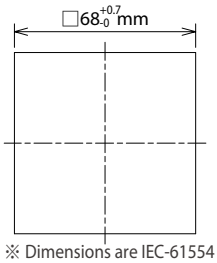
The support for multilingual communication is increasing due to the improvement in service at commercial establishments, such as for transportation, tourist resort, etc. and the audio assistance has been increased by more languages, such as Japanese, English, Chinese and Korean; therefore about 4 times the amount of playback time is needed. With the BSV-L model, a maximum of 520 seconds in playback is easy to support several multilingual messages.

Dimensions (Unit: mm)

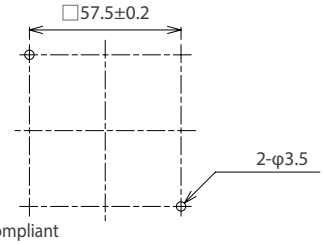


Mounting Dimensional Drawing

Panel Mount
Mounting Dimensions
※ Thickness (1mm～3.5mm)

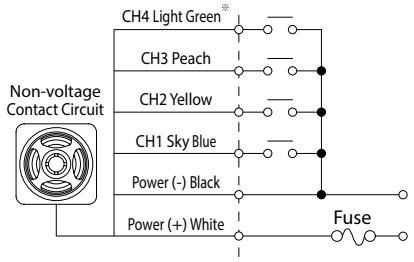


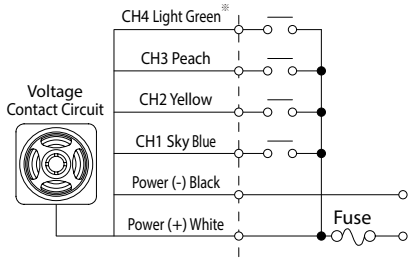
Wall Mount
Mounting Dimensions
(Product Front View)

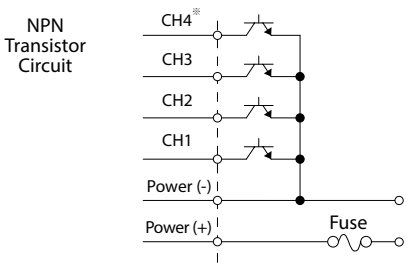


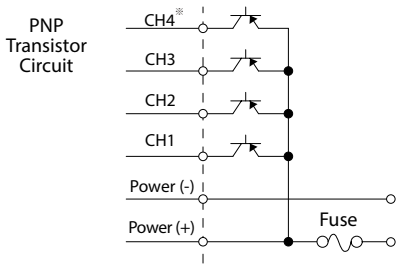
※ Dimensions are IEC-61554 (DIN-43700) compliant

Wiring









Specifications and How to Order

■ 520sec. Model

Specifications

Model	Transistor Type	Rated Voltage	Operating Voltage Range	Power Consumption	Sound Level	Operating Temperature Range	Max.Playback Time	Playback Channels	Protection Rating	Mass	Front Cover Color	Recorded Data
BSV-24NLM-W/D	NPN Transistor	DC 12-24V	DC10.8V to 26.4V	3.5W	Max. 87dB (at 1m) 1kHz Sine Wave	-10℃ to +50℃ (RH 85% or less)	520sec.	4 (Bit Input) 15 (Binary Input) ※When using the Sound Reduction Function, the inputs become: 3 (Bit Input) 7 (Binary Input)	IP54 (Only for Panel Mount in the Upright Position) In accordance with IEC 60529	100g ±10%	Off white (-W) Dark Gray (-D)	Voice
BSV-24NLM-S											Silver (-S)	
BSV-24NL-W/D											Off white (-W) Dark Gray (-D)	Alarm
BSV-24NL-S											Silver (-S)	
BSV-24PLM-W/D	PNP Transistor										Off white (-W) Dark Gray (-D)	Voice
BSV-24PLM-S											Silver (-S)	
BSV-24PL-W/D											Off white (-W) Dark Gray (-D)	Alarm
BSV-24PL-S											Silver (-S)	

BSV-24 □□□—□ ④ ③ ② ①

① Transistor Type
N : NPN Transistor
P : PNP Transistor

② Playback Time
L : 520 sec.
Blank : 63 sec.

③ Registered Messages
Blank : None (15 Alarm Sounds)
M : Pre-recorded Messages

④ Front Cover Color
W : Off white
D : Dark Gray
S : Silver

With the built-in SD card slot, MP3 data rewriting can be done with an SD card. In addition, rewriting or editing MP3 data files is possible with or without the exclusive PATLITE Playlist Editor 2 Application software.

Options

PATLITE Playlist Editor 2 (Free Download)

SD Card (2 GB) SDV-2GP

(OS: Windows® 2000/XP/Vista/Windows 7/Windows 8)

> The new PATLITE Playlist Editor 2 is required to change the audio message data for this product.

> The SD Card does not contain any data.

BSV

Voice Annunciator

87 dB at 1m

15 Channels (Binary)

63 Seconds

IP54 (Upright Only)

□75

NPN/PNP Open-collector

The unbelievably thin design for tighter installations.

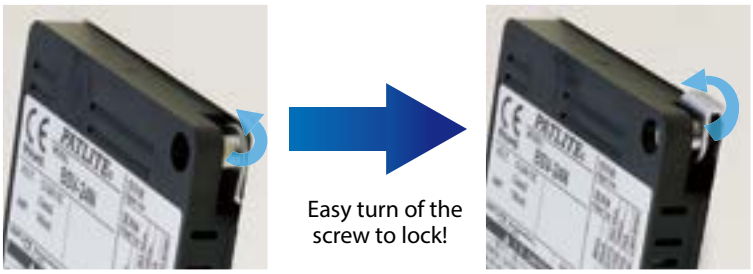
FEATURES

- Sound reduction is made with just one signal input. (Using the sound reduction function reduces the number of playback messages.)
- Diverse operational modes in combination with commands can be setup for the right application.
- The use of the SD card can allow changing messages while out in the field.
- Protection Rating of IP54 (Only for front panel mount attachment).
- Despite the thin shape, it has a maximum output of 87dB (at 1m).
- It complies with Europe's environment-friendly RoHS Directive.
- Can be used with transistor driven inputs. (Either NPN or PNP)
- A compact design with only a thickness of 19.9mm.
- Two installation choices of panel or wall mount.
- The volume control is accessible from the front.
- Listed by Underwriters Laboratories Inc.
- Conforms to the CE requirements.

With the built-in SD card slot, MP3 data rewriting can be done with an SD card. In addition, rewriting or editing MP3 data files is possible with or without the exclusive PATLITE Playlist Editor 2 Application software.

Easy installation from the front.

With only the need to access the front cover, reduction in labor time and maintenance is simpler with easily removing the front cover for installation and volume adjustment, etc.



Easy turn of the screw to lock!

Options

PATLITE Playlist Editor 2 (Free Download)

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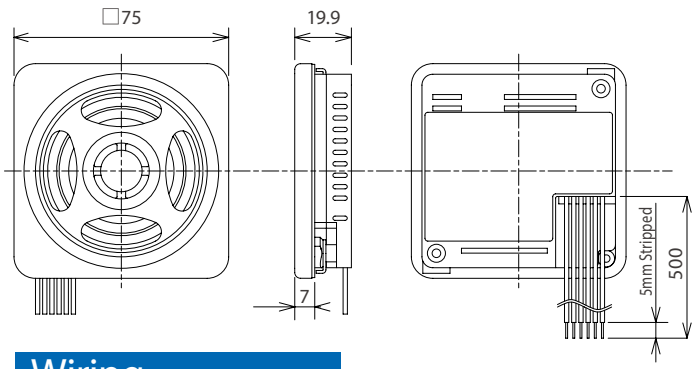
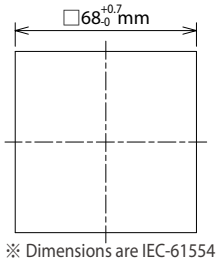
Dimensions (Unit: mm)

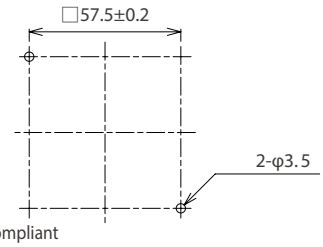


Mounting Dimensional Drawing

Panel Mount
Mounting Dimensions
※ Thickness (1mm～3.5mm)



Wall Mount
Mounting Dimensions
(Product Front View)



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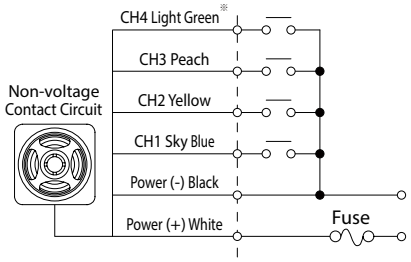

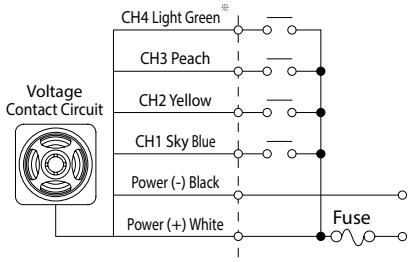

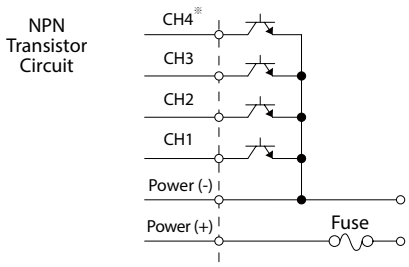

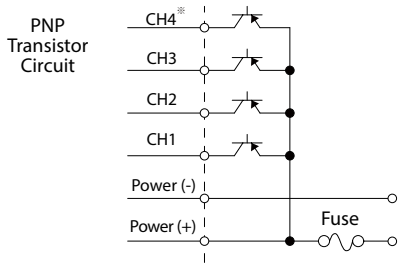

Actual Size

Panel Mount

Wall Mount

Specifications and How to Order

Specifications

Model	Transistor Type	Rated Voltage	Operating Voltage Range	Power Consumption	Sound Level	Operating Temperature Range	Max.Playback Time	Playback Channels	Protection Rating	Mass	Front Cover Color	Recorded Data
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BSV-24NM-S											Silver (-S)	
BSV-24N-W/D											Off white (-W) Dark Gray (-D)	Alarm
BSV-24N-S											Silver (-S)	
BSV-24PM-W/D	PNP Transistor										Off white (-W) Dark Gray (-D)	Voice
BSV-24PM-S											Silver (-S)	
BSV-24P-W/D											Off white (-W) Dark Gray (-D)	Alarm
BSV-24P-S											Silver (-S)	

BSV-24 □□□-□

④ ③ ② ①

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④ Front Cover Color
W: Off white
D : Dark Gray
S : Silver

Notes:
- Actual sound level will depend on sound type and surrounding operating conditions.
- MPEG Layer-3 audio coding technology licensed from Fraunhoffer IIS and Thompson Licensing.

□The method for data rewriting when not using the exclusive application software:

STEP-1 Make a data file with the PC.
※Allocate channel message data (*.mp3) in advance.

STEP-2 Copy the data to the SD Card

STEP-3 Insert the SD Card into the BSV

A.MP3 Data
001.mp3 — Assigned Message No. (Ex.:001=1CH)
※1CH Assigned Message Example="Machine in Operation."

B.Operation Mode Setting File (*.txt File)
MODE-A10.txt — Sound Reduction (dB)(Ex.10=-10dB) / Operation Mode

"Machine in Operation."

① Allocate messages for every channel...② Establish the operation mode...③ Control the sound reduction...

When using the exclusive application software, the combination of adjusting the volume of a message or separately making a volume adjustment is possible.