

# BDV

## Voice Annunciator



87 dB at 1m

63 Second

IP54  
Upright direction only.

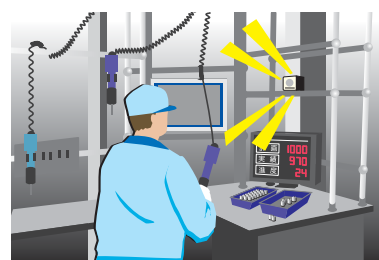
NPN  
Open Collector



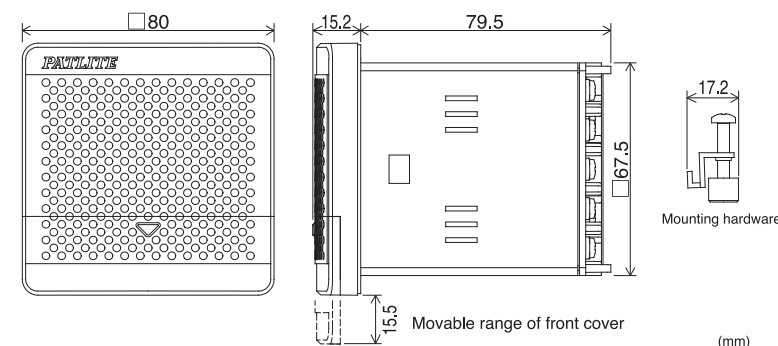
Excellent sound quality with MP3 playback! This panel-mounted MP3 voice annunciator uses SD cards,\* allowing messages to be changed easily.

\* SD card not included.

- Only Flush-mounting style available.
- Able to produce a loud sound of up to 87 dB (at 1m) despite its compact size
- A volume control on the front panel provides an easy way to adjust the sound volume.
- The use of an SD card allows message changes without dis-mounting the device.
- Environmentally friendly since the unit complies with the EU RoHS Directives.
- Several playback modes are available for various applications.
- Includes binary input as a standard option for selecting up to 15 messages.
- Supports input selection using NPN open-collector transistor.
- The unit complies with EU Directives and includes the CE mark (BDV-15JF only)
- Two colors are available for selecting the best color match for the installation.
- Protection rating: IP54 (only the front panel when flush-mounted)



### Dimensions



Note: See page 177 for wiring diagram

### How to Order

#### BDV-15JF-J

Rated Voltage  
J: 12-24V DC  
K: 100V/220V AC

Color  
J: Ivory White  
K: Dark Gray

### BDV Type

Model	Rated Voltage	Voltage Range	Power Consumption	Volume	Voice File	Relative Humidity	Maximum Playing Time	Number of playing messages	Protection Rating	Mass
BDV-15JF	12-24V DC	10.8V~26.4V DC	4W	Max 87dB (at 1m)	MPEG1-Audio Layer (mp3) Standard bit rate : 64kbit/s, Fs=44.1kHz	-10 ~ +50 (Less than 85%RH)	63sec.	4 (Bit input) 15 (Binary input)	IP54 When flush mounted	0.22kg
BDV-15KF	100/220V AC	100V AC±10% 220V AC±10%	5W							0.34kg

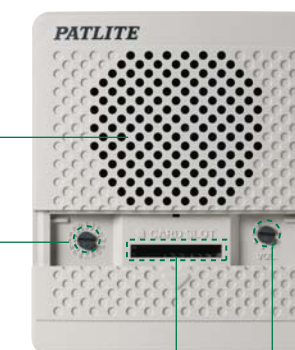
\* Actual sound level will depend on sound type and operating conditions.

### Sound Selection Charts

Mode Selector Switch

Several playback modes are available for various applications.

<b>A</b> Bit input mode	Plays back up to 4 messages using Channels 1 to 4
<b>B</b> Binary input mode	Plays back up to 15 messages using Channels 1 to 4
<b>C</b> Bit input/volume reduction mode	Plays back up to 3 messages using Channels 1 to 3 When Channel 4 receives an input, the volume is reduced by about 10 dB.
<b>D</b> Binary input/volume reduction mode	Plays back up to 7 messages using Channels 1 to 3 When Channel 4 receives an input, the volume is reduced by about 10 dB.
<b>E</b> Bit input/prioritized-message playback mode	Plays back up to 4 messages using Channels 1 to 4 If an audio message is input while another audio message is being played back, the current playback is stopped and the most recently input message is played back.
<b>F</b> Binary input/prioritized-message playback mode	Plays back up to 15 messages using Channels 1 to 4 If an audio message is input while another audio message is being played back, the current playback is stopped and the most recently input message is played back.
<b>G</b> Bit input/held-message playback mode	Plays back up to 4 messages using Channels 1 to 4 An audio message can be played back only while the input is held. The playback is stopped when the input ends.
<b>H</b> Binary input/held-message playback mode	Plays back up to 15 messages using Channels 1 to 4 An audio message can be played back only while the input is held. The playback is stopped when the input ends.
<b>I</b> Test playback	Plays back message No. 1



- Up to 87dB at 1 m  
Able to produce a loud sound of 87 dB (at 1 m) despite being a slim, embedded-type annunciator.
- Volume control  
Volume can be adjusted from the front.
- Memory card slot  
Using an SD card allows for changing messages while leaving the unit mounted.

#### Options

##### PATLITE Playlist Editor (Free version)

(OS:Windows® 2000/XP/Vista)

- > PATLITE Playlist Editor software is required to change the audio message data.
- > The SD card does not contain the Playlist Editor or any audio messages.

##### SD card (128 MB) SDV-128P

