

# BDV

## Voice Annunciator



BDV-15JF Only

87 dB at 1m

15 Channels (Binary)

63 Seconds

IP54 (Upright Only)

80

NPN  
Open-collector

**Excellent sound quality with MP3 playback! This panel-mounted MP3 voice annunciator uses SD cards\*, allowing messages to be changed easily. (\*Recommended: SDV-2GP)**

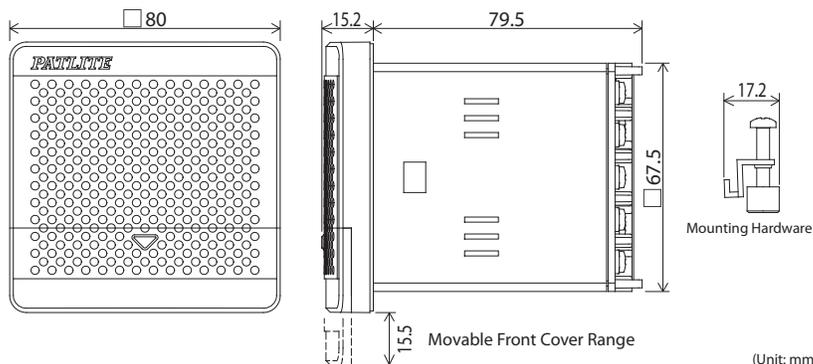
### FEATURES

- 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 uninstalling 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)

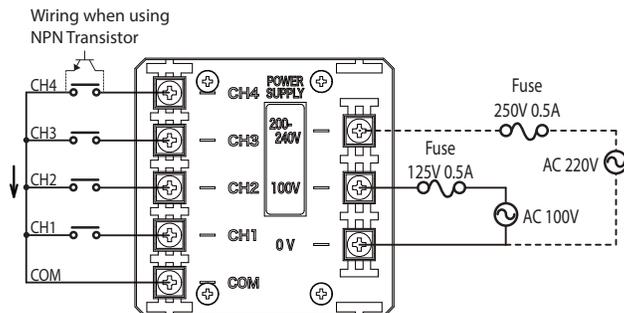
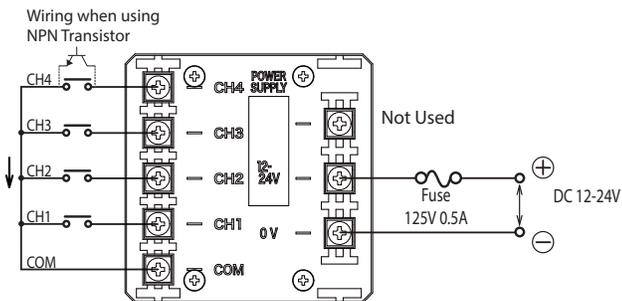
### How to Order

<b>BDV-15JF-J</b>	
Rated Voltage	Color
J: DC 12-24V	J: Ivory White
K: AC 100V/220V	K: Dark Gray

### Dimensions



# Wiring Diagram



# Playback Modes

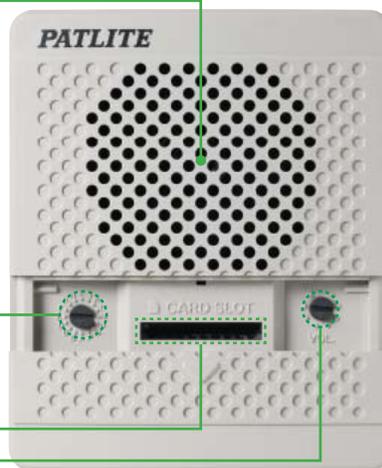
## Mode Selector Switch

Several playback modes for a combination of applications.

A	Bit Input Mode	Plays back up to 4 messages using Channels 1 to 4.
B	Binary Input Mode	Plays back up to 15 messages using Channels 1 to 4.
C	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 -10dB.
D	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 -10dB.
E	Bit Input/Priority Message Playback Mode	Plays back up to 7 messages using Channels 1 to 3. If a message input occurs during playback of another message, the message will stop and allow the input message to playback.
F	Binary Input/Priority Message Playback Mode	Plays back up to 15 messages using Channels 1 to 4. If a message input occurs during playback of another message, the message will stop and allow the input message to playback.
G	Bit Input/Hold Message Playback Mode	Plays back up to 4 messages using Channels 1 to 4. As long as the input is held on, the message is played back, once the input is removed, the message playback stops.
H	Binary Input/Hold Message Playback Mode	Plays back up to 15 messages using Channels 1 to 4. As long as the input is held on, the message is played back, once the input is removed, the message playback stops.
I	Test Playback Mode	Plays back Message No. 1

## Up to 87dB (at 1m)

Despite its slim appearance, it is able to produce a maximum of 87dB (at 1m). (Actual sound level will depend on sound type and surrounding operating conditions.)



## Volume Control

The volume is easily accessible from the front for adjustment.

## Memory Card Slot

With an SD Card, messages can be changed while the unit is still mounted.

## Options

**PATLITE Playlist Editor 2 (Free Download)**  
 (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.



# Specifications

Model	Rated Voltage	Operating Voltage Range	Power Consumption	Sound Level (Max.)	Voice File	Operating Temperature Range	Maximum Playback Time	No. of Playback Inputs	Protection Rating	Mass
BDV-15JF	DC 12-24V	DC 10.8V - 26.4V	4W	87dB* (at 1m)	MPEG- Audio Layer (MP3)	-10 - +50°C (RH less than 85%)	63 sec.	Bit: 4	IP54 (Flush-mount)	220g
BDV-15KF	AC 100/220V	AC 100V ±10% AC 220V±10%	5W		Standard Bit Rate: 64kb/s Fs=44.1kHz			Binary: 15		340g

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