

PATLITE®

New Frontiers in Safety, Security and Comfort.

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

Slim High-volume Voice Annunciator



- Only embedded 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 un-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 31 messages.
- Supports input selection using NPN open-collector transistor.
- The unit complies with EC 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 when flush mounted)

new

Signal Voice

Panel-mounted MP3
Voice Annunciator **BDV**

12-24V DC / 100V/220V AC



-J (Ivory White)

-K (Dark Gray)



12-24V only



*1. Actual sound level may vary depending on sound type. *2. Upright direction only.

* SD card not included.

MP3 Voice Annunciator with Excellent Sound Quality

High-Volume Message Playback with 87 dB Output(at 1m)

Mode selector switch

Several playback modes are available for various 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 10 dB. |
| 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 10 dB. |
| E | 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. |
| F | 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. |
| G | 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. |
| H | 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. |
| I | Test playback | Plays back message No. 1 |

How to order

BDV-15JF-J

Model

Rated Voltage

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

Color

J : Ivory White
K : Dark Gray

Up to 87dB at 1 m

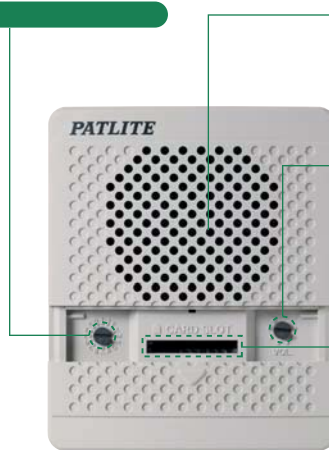
Able to produce a loud sound of 87 dB (at 1 m) despite being a slim, embedded-type annunciator.

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.

> PATLITE Playlist Editor will be downloadable from PATLITE's website, www.patlite.com.

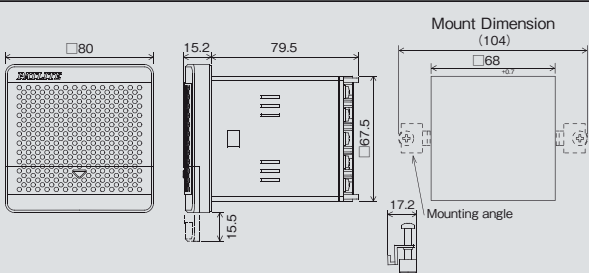
> The SD card does not contain the Playlist Editor or any audio messages.

SD card

(128 MB)
SDV-128P



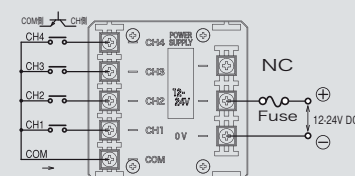
Dimensions (mm)



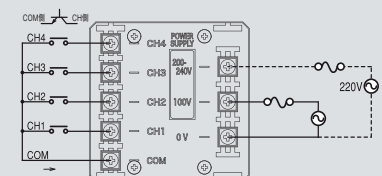
※Mounting hole adheres to the IEC-61554(DIN-43700).

Wiring examples

BDV-15JF



BDV-15KF



Do not supply a voltage for the signal line.
Do not supply overvoltage, overload or reverse connection for the busy line.
Failure to do so may be damaged to the product.

| Model | Rated Voltage | Voltage Range | Power Consumption | Volume | Voice File | Relative humidity | Maximam 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 III (mp3) Standard bit rate : 64kbit/s, Fs=44.1kHz | -10°C ~ +50°C (Less than 85%RH) | 63.5 | 4 (Bit input) 15 (Binary input) | IP54 Upright direction only | 0.22kg±10% |
| BDV-15KF | 100/220V AC | 100V AC±10% 220V AC±10% | 5W | | | | | | | 0.34kg±10% |

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

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CAUTION

To ensure correct use of these products, read the "Instruction Manual" prior to use.
Failure to follow all safeguards can result in fire, electric shock, or other accidents.
Specifications are subject to change without notice.



PATLITE ECO PROJECT

For the benefit of mankind and the earth, Patlite is committed to developing environmentally friendly products.