PATLITE®
New Frontiers in Safety, Security and Comfort.

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 95 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 (BKV-31JF only)
- Two colors are available for selecting the best color match for the installation.
- Protection rating: IP54 (only the front when flush mounted)

RoHS CE 12-24V only MP3 95dB※1 (at 1m) IP54※2 63 sec NPN Open Collector

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

new

Signal Voice

Panel-mounted MP3 Voice Annunciator **BKV**

12-24V DC / 100V AC / AC220V AC



-J(Ivory White) -K(Dark Gray)

* SD card not included.

www.patlite.com

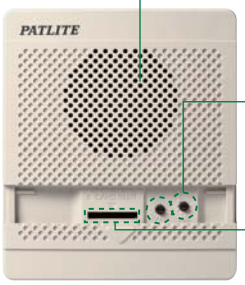
MP3 Voice Annuciator with Excellent Sound Quality

High-Volume Message Playback with 95 dB Output(at 1m)

Mode selector switch

Several playback modes are available for various applications.

A	Bit input mode	Plays back up to 5 messages using Channels 1 to 5
B	Binary input mode	Plays back up to 31 messages using Channels 1 to 5
C	Bit input/ volume reduction mode	Plays back up to 4 messages using Channels 1 to 4 When Channel 5 receives an input, the volume is reduced by about 15 dB.
D	Binary input/ volume reduction mode	Plays back up to 15 messages using Channels 1 to 4 When Channel 5 receives an input, the volume is reduced by about 15 dB.
E	Bit input/ prioritized-message playback mode	Plays back up to 5 messages using Channels 1 to 5 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 31 messages using Channels 1 to 5 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 5 messages using Channels 1 to 5 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 31 messages using Channels 1 to 5 An audio message can be played back only while the input is held. The playback is stopped when the input ends.
I ~ P	Test playback	Plays back message No. 1



Up to 95 dB at 1 m

Able to produce a loud sound of 95 dB (at 1m) 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.

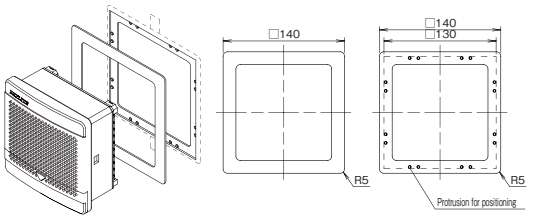
SD card (128 MB)
SDV-128P



Optional bracket

This is used to install the annunciator in a place where holes have been drilled for a conventional PATLITE product (φ133 mm-type).

Mounting bracket
BK-001
Temporary fixing tape (2 pieces): included

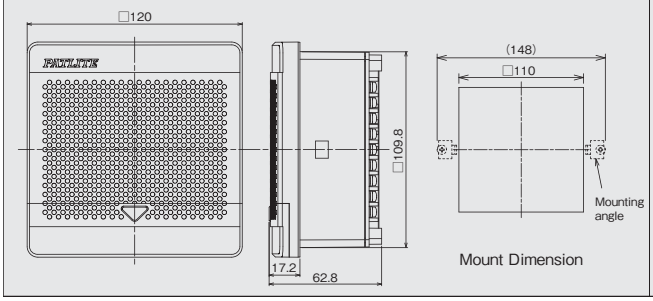


How to order

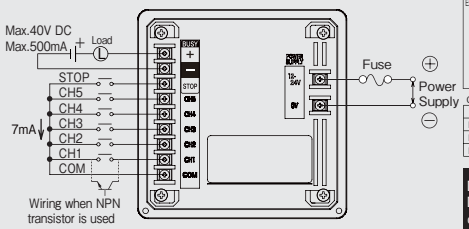
BKV-31JF-J

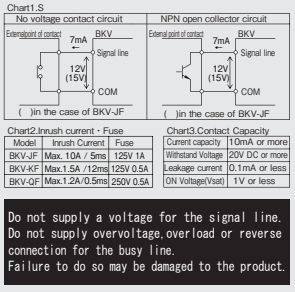
- Model
- Rated Voltage
  - J : 12-24V DC
  - K : 100V AC
  - Q : 220V AC
- Color
  - J : Ivory White
  - K : Dark Gray

Dimensions (mm)



Wiring examples





Model	Rated Voltage	Voltage Range	Power Consumption	Volume	Voice file	Relative humidity	Maximum playing time	Number of playing messages	Protection rating	Mass
BKV-31JF	12-24V DC	DC 10.8V~26.4V	9W	Max. 95dB (at 1m)	MPEG1-Audio Layer Ⅲ(mp3) Standard bit rate : 64kbit/s,Fs=44.1kHz	-10℃~+50℃ (Less than 85%RH)	63sec	5 (Bit input) 31 (Binary input)	IP54 When flush mounted	0.35kg
BKV-31KF	100V AC	100V AC±10%	10W							0.53kg
BKV-31QF	220V AC	220V AC±10%	10W							0.53kg

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

PATLITE Corporation
8-8, Matsuyamachi, Chuo-ku, Osaka, Japan 542-0067 TEL.+81-6-6763-8220 FAX.+81-6-6763-8221
International Division, Sales and Marketing Department

PATLITE (U.S.A.) Corporation
20130 S. Western Ave. , Torrance, CA 90501, U.S.A. TEL.+1-310-328-3222 FAX.+1-310-328-2676

PATLITE Europe GmbH
Am Soeldnermoos 8, D-85399 Hallbergmoos, Germany

PATLITE (SINGAPORE) PTE LTD
No.2 Leng Kee Road, #05-01 Thye Hong Centre, Singapore 159086 TEL.+65-6226-1111 FAX.+65-6324-1411

PATLITE (CHINA) Corporation
Room 512, Jufeng Business Building, No.697-3 Lingshi Road, Shanghai China 200072 TEL.+86-21-6630-8969 FAX.+86-21-6630-8938

http://www.patlite.com E-mail: overseas@patlite.co.jp

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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.