YOU SAY IT, WE PLAY IT.

EHV

Customize Audible Warnings in the Field

Audible warnings may eventually need to be modified or changed. Smart Alert devices can be modified in the field without reconfiguring any hardware. Simply place sound files on an SD memory card and easily change alarm tones or MP3 files to meet your ever changing needs.

BSV

Model BSV

Model BDV

Model BKV

Model EHV

Model LKEH-FV

Model RFV

Model FV-127JP

Model RT-VF

Easy Steps to Program the MP3 Smart Alert and MP3 Smart Alert Plus

STEP 1 Get the Playlist Editor

Visit www.patlite.com to download Playlist Editor 2 for free.

STEP 2 Get the Recommended SD Card (Model SDV-2GP)

The SDV-2GP is guaranteed to work with our products. Other SD cards may be used but results are not guaranteed.

STEP 3 Create the MP3 messages

Convert all messages into MP3 format.

STEP 4 Save the MP3 messages on the SD Card

Transfer the files according to the instructions for the product series used.

STEP 5 Load the MP3 Data into the Product

Programming can be done anywhere. Insert the SD card into the product's SD card slot and a short beep will sound indicating that programming has started, and a long beep will signify that it is finished

PATLITE Corporation
4-1-3, Kyutaromachi, Chuo-ku, Osaka 541-0056 Japan | TEL. +81-6-7711-8953 FAX. +81-6-7711-8961 E-mail: overseas@patlite.co.jp

PATLITE (U.S.A.) Corporation
20150 S. Western Ave. Torrance, CA 90501, U.S.A. | TEL. +1-310-328-3222 FAX. +1-310-328-3626 E-mail: sales@patlite.com

PATLITE (SINGAPORE) PTE LTD
No.3 Ubog Hun Road, #02-01 Thye Hong Centre, Singapore 159806 | TEL. +65-6326-1111 FAX. +65-6324-1411 E-mail: sales@patlite.com.sg

PATLITE (CHINA) Corporation
Room 1103-1103, No.55, Lane 777, Guangzhong Road (West), ZhaoJiaBang District, Shanghai, China 200072 | TEL. +86-21-6630-8969 FAX. +86-21-6630-8938 E-mail: sales@patlite.cn

PATLITE Europe GmbH
Am Gaxtenmoos 8, D-40599 Hilden/Rheinpreuss, Germany | TEL. +49-811-9981-97700 FAX. +49-811-9981-97799 E-mail: info@patlite.eu

PATLITE KOREA CO., LTD.
A2605, Daeryung G-TOWER, 606, Seocho-ro 77-gil, Seocho-gu, Seoul, 06594, Korea | TEL. +82-2-529-6636 FAX. +82-2-801-9919 E-mail: sales@patlite.co.kr

PATLITE TAIWAN CO., LTD.
7F, No. 91, Hsuyuan Rd., Sijhih District, Taipei, Taiwan R.O.C. | TEL. +886-2-2555-1611 FAX. +886-2-2555-1621 E-mail: info@patlite.tw

PATLITE (THAILAND) CO., LTD.
Olympia Thai Tower, 12th Floor 444 Ratchadaphisek Road Samsennok, Huay Kwang Bangkok 10310, Thailand | TEL. +66-2-541-5451 FAX. +66-2-541-5429 E-mail: sales@patlite.co.th

http://www.patlite.com E-mail: sales@patlite.com

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 program these products.
- The SD card does not contain any data.

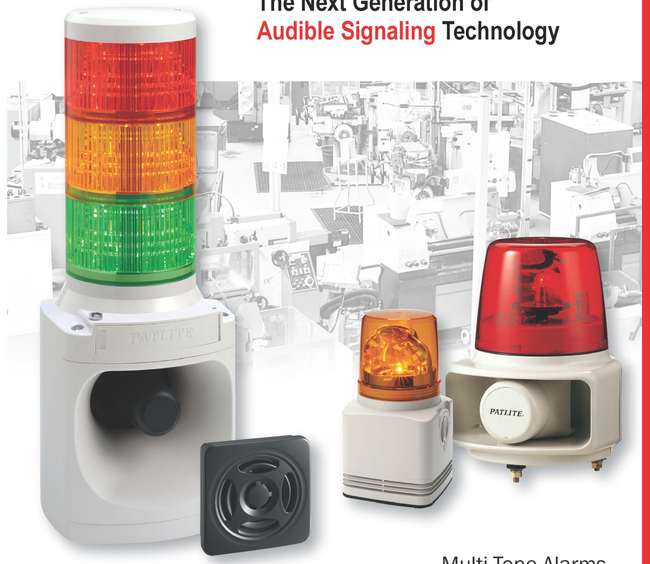
SD Card
P/N: SDV-2GP

PLUS-1708B

PATLITE®
New Frontiers in Safety, Security and Comfort.

SMART ALERT

The Next Generation of Audible Signaling Technology



Multi-Tone Alarms
Hybrid Visual/Audible Indicators
Programmable MP3 Voice Sounders

www.patlite.com

Timing is Everything

Developed by engineers for engineers, the Smart Alert Series is designed to get the attention you need, wherever you need it. Quickly and clearly notify personnel increasing efficiency or alert workers of dangerous situations to improve safety. By utilizing the latest in MP3 voice technology, Smart Alerts provide loud, clear messages while minimizing alarm fatigue.

LKEH-FV

RT (Visual / MP3)

Incandescent/MP3 Warning Lights with High Sound Projection

MP3 | Bulb | 32 Alarm Sounds | 105 dB at 1m | 63 Seconds | NPN Open Collector | IP65

- RT-VF: Field-programmable with MP3 files and SD card (sold separately)
- RT-VF: Up to 63 seconds total programming time (@ 64kbit/s)
- RT-E: 32 built-in sounds
- RT-VF: 4 channel Bit Input / 15 channel Binary Input
- RT-E: 8 channel Bit Input / 32 channel Binary Input
- Dome is made of superior weather-resistant and light-translucent acrylic resin
- Installation in the upright position only
- Rated Voltage: DC24V, AC120V, AC200V*

How to Order

RT-24VF-R

- Rated Voltage: 24: DC24V; 120: AC120V; 200: AC200V*
- Sound: VF: MP3 Player; E: 32 "E" group sounds built-in
- Dome Color: R: Red; Y: Amber; G: Green; B: Blue

*Special order only

LKEH (Visual / MP3)

LED/MP3 Signal Tower for Highly Effective Status Notifications

MP3 | 32 Sounds | LED | 105 dB at 1m | NPN Open Collector | φ100 | IP53

- LKEH-FV: Field-programmable with MP3 files and SD card (sold separately). Up to 63 seconds total programming time (@64 kb/s)
- LKEH-FE: 32 built-in sounds and alarms
- LKEH-FV: 5 channel Bit Input / 31 channel Binary Input
- LKEH-FE: 8 channel Bit Input / 32 channel Binary Input
- NPN transistor driven inputs (PNP type special order)
- Vibration Resistance up to 2G
- Rated Voltage: DC24V, AC120V, AC220V*
- LED colors available in: Red, Amber, Green, Blue, and White
- Explosion Safe models are also available (DC24V only)

How to Order

LKEH-402FVUL-RYGB

- Tiers 1-4
- Model
- Rated Voltage: 02: DC24V; 12: AC120V; 20: AC220V*
- UL Conformity: None: No Conformity; UL: UL Standard
- Sound Type: FV: MP3 Player; FE: 32 "E" group sounds built-in
- Color: R: Red; Y: Amber; G: Green; B: Blue; C: White (Top to Bottom)

*Special order only

RFV (Visual / MP3)

LED/MP3 Warning Light Resistant to Vibrations

MP3 | LED | 15 Channels | 95 dB at 1m | PNP Open Collector | NPN Open Collector | □115 | IP54

- Field programmable with MP3 files and an SD card (sold separately)
- Message capacity of 63 seconds (@ 64kbit/s) and an adjustable volume of 95dB (at 1m)
- 4 channel Bit Input / 15 channel Binary Input
- Vibration Resistance up to 4.5G
- Rated Voltage: DC24V, AC100V*, AC220V*

How to Order

RFV-24F-R

- Rated Voltage: 24: DC24V; 100: AC100V*; 220: AC220V*
- Dome & LED Color: R: Red; Y: Amber; B: Blue

*Special order only

RFT (Visual / Pre-Set Alarms)

LED Warning Light with Vibration Resistance

LED | 32 Alarm Sounds | 90 dB at 1m | NPN Open Collector | □115 | IP54

- 32 built in sounds that go up to 90dB (at 1m)
- 8 channel Bit Input / 32 channel Binary Input
- Vibration Resistance up to 4.5G
- Rated Voltage: DC24V, AC100V*, AC220V*

How to Order

RFT-24E-R

- Rated Voltage: 24: DC24V; 100: AC100V*; 220: AC220V*
- Sound: E: 32 "E" group sounds built-in
- Dome & LED Color: R: Red; Y: Amber; G: Green; B: Blue

*Special order only

EHV (MP3)

Loud and Rugged with Vibration Resistance

MP3 | 105 dB voice | 220 sec Playback | 63 sounds | 110 dB sound | Terminal or Cable | IP65

- Field Programmable MP3 function with a maximum of 220 seconds of recording time (@64bps) and an adjustable volume up to 105dB (@1m)
- 63 preloaded melody and alarm sounds with adjustable volume up to 110dB (@1m)
- 8 channel Bit Input / 63 channel Binary Input
- Indoor/Outdoor usable
- Vibration Resistance up to 4.5G
- Rated Voltage: DC12V to DC24V, AC100V to AC240V, DC12V to DC48V*
- Explosion-safe also available (M1 type only)
- Visit www.patlite.com to download Playlist Editor 2 for free.

How to Order

EHV-□□G

- Model
- Rated Voltage: M1: DC12V to DC24V; M2: AC100V to AC240V; M3: DC12V to DC48V*
- Melody/Alarm Type: G: Type G
- Wiring Type: H: Cable; T: Terminal**

*Special order only
**Terminal type not available for EHV-M3

BDV (MP3)

Economical with High Quality Sound

87 dB at 1m | 15 Channels | 63 Seconds | NPN Open Collector | □80 | IP54

- 63 seconds of sound at 87dB at 1m (BDV) and 95dB at 1m (BKV)
- BDV: 4 channel Bit Input / 15 channel Binary Input
- BKV: 5 channel Bit Input / 31 channel Binary Input
- BDV: 80mm square; BKV: 120mm square
- Easy-access control panel behind the front cover: Volume control, Mode selection, Message change with SD card
- BDV Rated Voltage: DC12V to DC24V, AC100V/AC220V*
- BKV Rated Voltage: DC12V to DC24V, AC100V*

How to Order

BDV-15JF-J

- Rated Voltage: J : DC12V to DC24V; K: AC100V/AC220V*
- Color: J: Ivory White; K: Dark Gray

*Special order only

BKV (MP3)

Economical with High Quality Sound

95 dB at 1m | 31 Channels | 63 Se conds | NPN Open Collector | □120 | IP54

How to Order

BKV-31JF-J

- Model
- Rated Voltage: J : DC12V to DC24V; K: AC100V*
- Color: J : Light Gray; K: Dark Gray

*Special order only

BSV/BSV-L (MP3)

Thin and Compact to Fit Tight Spaces

MP3 | 87 dB at 1m | Up to 530sec Playback | NPN Open Collector | PNP Open Collector | □75 | IP54

- Can change MP3 messages in the field with an SD card (SDV-2GP recommended)
- Adjustable volume up to 87 dB (at 1m)
- 4 channel Bit Input / 15 channel Binary Input
- Only 19.9mm deep - fits in tight spaces
- Wall mount or panel mount installation
- Rated Voltage: DC12V to DC24V

How to Order

BSV-24N-W

- Voltage: DC12V to DC24V
- Translator Type: N: NPN; P : PNP
- Front Cover Color: W: Off-white; D : Dark Gray; S : Silver

How to Order

BSV-24NL-W

- Voltage: DC12V to DC24V
- Translator Type: N: NPN; P : PNP
- Front Cover Colo: W: Off-white; D : Dark Gray; S : Silver
- Long Play

FV-127JP (MP3)

MP3 Playback Circuit Board Ideal for installation inside equipment

MP3 | 8 Minute Audio | 127 Channels | Non-voltage Contact | NPN Open Collector | BUSY Out Terminal | AUX Output Terminal | Speaker Terminal

- 240 minutes of message playback when using an SD card as external memory
- Five different playback modes are available
- Three sound reduction levels of -10dB, -20dB, and -30dB (at 1m) can be controlled by an external signal
- 7 channel Bit Input / 127 channel Binary Input
- Rated Voltage: DC24V

How to Order

FV-127JP

- Model: Message: 127: 127 Channels
- Body Type: P: Circuit Board Only
- Rated Voltage: J: DC24V

EHS (Pre-Set Alarms)

Loud and Rugged with Vibration Resistance

110 dB sound | 32 Sounds | NPN Open Collector | PNP Open Collector | Terminal or Cable | IP65

- 32 pre-recorded sounds with adjustable volume up to 110 dB (at 1m)
- 8 channel Bit Input / 32 channel Binary Input
- Indoor/Outdoor usable
- Vibration Resistance up to 4.5G
- Rated Voltage: DC12V to DC24V, AC100V to AC240V, DC12V to DC48V*
- Explosion-safe also available (M1 type only)
- Visit www.patlite.com to download Playlist Editor 2 for free.

How to Order

EHS-□□E

- Model
- Rated Voltage: M1: DC12V to DC24V; M2: AC100V to AC240V; M3: DC12V to DC48V*
- Melody/Alarm Type: E: 32 "E" group sounds built-in
- Wiring Type: H: Cable; T: Terminal**

*Special order only
**Terminal type not available for EHS-M3

BD (Pre-Set Alarms)

Economical with High Quality Sound

90 dB at 1m | 4 Channels | 32 Sounds | NPN Open Collector | □80 | IP54

BK (Pre-Set Alarms)

95 dB at 1m | 8 Channels | 32 Sounds | NPN Open Collector | □120 | IP54

- 32 pre-recorded sounds at 90dB at 1m (BD) and 95dB at 1m (BK)
- BD: 4 channel Bit Input / 15 channel Binary Input
- BK: 8 channel Bit Input / 32 channel Binary Input
- A new sound group can be created from the 32 sounds by using an optional SD memory card
- BD: 80mm square; BK: 120mm square
- Easy-access control panel behind the front cover: Volume and Mode selection control
- BD Rated Voltage: DC12V to DC24V, AC100V/AC220*
- BK Rated Voltage: DC12V to DC24V, AC100V, AC220*

How to Order

BD-24E-J

- Model
- Rated Voltage: 24: DC12V to DC24V; 100: AC100V/AC220*
- Color: J: Ivory White; K: Dark Gray
- Sound Type: E: 32 "E" group sounds built-in

How to Order

BK-24E-J

- Model
- Rated Voltage: 24: DC12V to DC24V; 100: AC100V; 220: AC220V
- Color: J: Light Gray; K: Dark Gray
- Sound Type: E: 32 "E" group sounds built-in

*Special order only

BM (Pre-Set Alarms)

Economical with Panel Mounting

90 dB at 1m | 2 Channels | PNP Open Collector | NPN Open Collector | φ30 | IP34

- Model BM-H: 90dB max (at 1m)
- Model BM: 85dB max (at 1m)
- Model BM-D 80dB max (at 1m)
- Protection rating: BM-H and BM: IP30, BM-D:IP34
- Rated Voltage: AC/DC24V, AC120V, AC220V*

How to Order

BM-202H

- Model
- Rated Voltage: 202: AC/DC24V; 212: AC120V; 220: AC220V*
- Body Type: Blank: Standard; H: High Volume; D: Drip-proof

*Special order only

Explosion-Safe

LKEH-EX: CE II 3GD Ex nA IIC T4 Gc, Ex tc IIIB T85˚C Dc IP65 94/9/EC (ATEX) CENELEC: EN 60079-0, EN 60079-15, EN 60079-31

EHS-EX: CE II 3GD Ex nA IIC T4 Gc, Ex tc IIIC T85˚C Dc IP65 94/9/EC (ATEX) CENELEC: EN 60079-0, EN 60079-15, EN 60079-31

EHV-EX: CE II 3GD Ex nA IIC T4 Gc, Ex tc IIIC T85˚C Dc IP65 94/9/EC (ATEX) CENELEC: EN 60079-0, EN 60079-15, EN 60079-31

- Explosion-Safe for gas and dust
- Suitable for Zone 2 and Zone 22
- CE Compliance in accordance to ATEX

EHS-EX (Please refer to EHS)

EHV-EX (Please refer to EHV)

LKEH-EX (Please refer to LKEH)