

**PATLITE®**

# Smart Alert Series

THE NEXT GENERATION OF AUDIBLE SIGNALING TECHNOLOGY



Hybrid Visual / Audible Indicators

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Programmable MP3 Voice Sounders

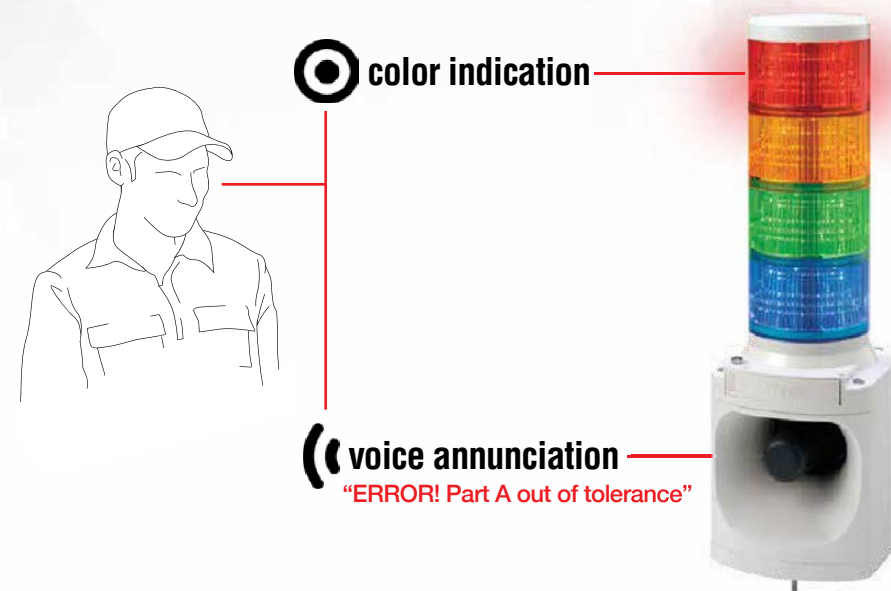
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Multi-Tone Alarms

# SMART ALERTS

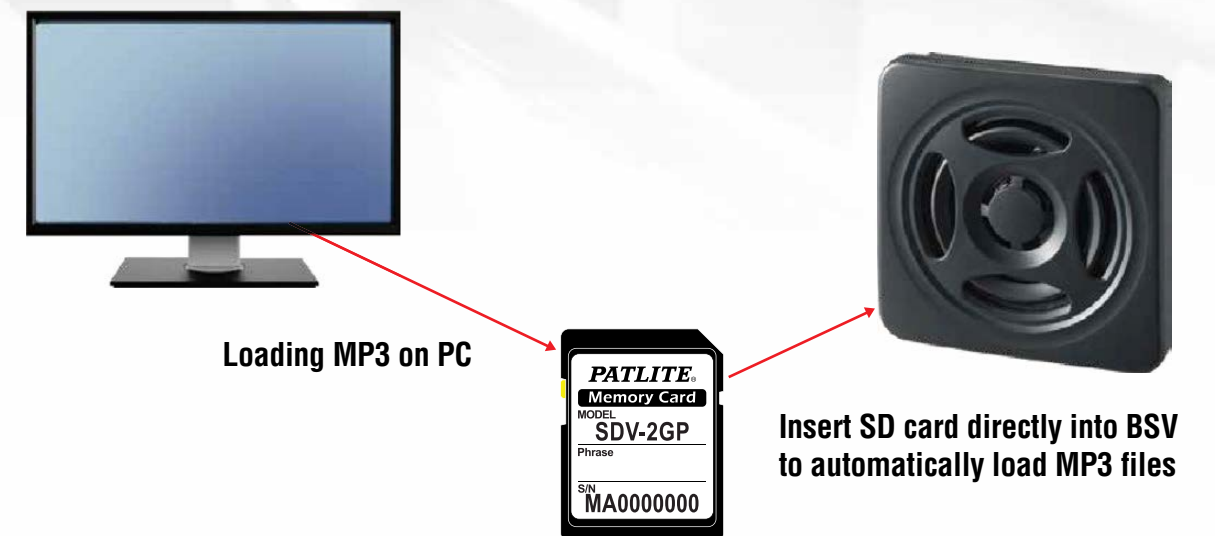
## IMAGINE IF YOUR MACHINES COULD TALK

The Smart Alerts Series gives your machinery a voice by providing clear, verbal communication that can be heard above machinery noise. Voice annunciation provides more details, beyond a color-coded light or alarm, for issues such as machine errors, maintenance, and downtime, enabling workers to immediately understand the issue, spend less time diagnosing issues, and keeps your machines up and running longer.



## FIELD CUSTOMIZABLE AUDIBLE WARNINGS

Applications change, and often times, so will machine alerts and warnings. With Smart Alerts, on-the-fly, field customization is made easy. Simply insert an SD memory card loaded with sound or voice recording files into a Smart Alert product to quickly and easily reprogram alerts without reconfiguring any hardware.





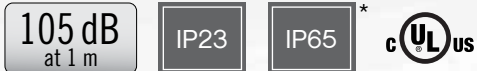
# VISUAL AND AUDIBLE SIGNALS

## RT SERIES INCANDESCENT / MP3



### Rotating Warning Light with High Sound Projection

- Dome is made of weather resistant, light translucent acrylic
- Inputs: NPN
- RT-VF : Field programmable with MP3 files
  - : 63 second MP3 message playback
  - : 4 channel Bit Input / 15 channel Binary Input
- RT-E : 32 built in sounds
  - : 8 channel Bit Input / 32 channel Binary Input



#### How to Order

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

\*Special order only

## RFV SERIES LED / MP3



### Rotating Warning Lights with Vibration Resistance

- Field programmable with MP3 files
- 64 second MP3 message playback
- 4 channel bit inputs / 15 channel binary inputs
- Vibration resistance up to 4.5G
- Inputs: NPN



#### How to Order

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

\*Special order only

## LKEH SERIES LED / MP3



### Hybrid LED Signal Tower and MP3 Horn for Highly Effective Signaling

- Vibration Resistance up to 2G
- Inputs: NPN
- LKEH-FV : Field programmable with MP3 files
  - : 63 second MP3 message playback
  - : 5 channel Bit Input / 31 channel Binary Input
- LKEH-FE : 8 channel Bit Input / 32 channel Binary Input



**Ex** Explosion-proof model available

#### How to Order

LKEH-402FVUL-RYGB	
Tiers 1-4	Color
Model	R: Red
Rated Voltage	Y: Amber
02: DC24V	G: Green
12: AC120V	B: Blue
20: AC220V*	C: White
	(Top to Bottom)
	UL Conformity
	None: No Conformity
	UL: UL Standard
	Sound Type
	FV: MP3 Player
	FE: 32 "E" group sounds built-in

\*Special order only

## RFT SERIES LED / MP3



### Rotating Warning Lights with High Vibration Resistance

- 32 built-in alarm tones
- 8 channel bit inputs / 32 channel binary inputs
- Vibration resistance up to 4.5G
- Inputs: NPN



#### How to Order

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

\*Special order only



# AUDIBLE ALERTS

## EHS SERIES PRE-SET ALARMS EHV SERIES MP3



### Loud and Rugged with Vibration Resistance

- Built-in volume adjustment
- Indoor/outdoor rated
- Vibration resistance up to 4.5G
- Rated Voltage: DC12-24V, AC100-240V, DC12-48V\*
- Inputs: NPN / PNP
- EHV : 63 built-in melody and alarm tones
  - : 8 channel bit input / 63 channel binary input
  - : Field programmable with MP3 files
  - : 220 second MP3 message playback
- EHS : 32 built-in alarm tones
  - : 8 channel bit input / 32 channel binary input

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

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

105 dB at 1 m MP3    110 dB at 1 m Alarm    IP65    CE    RoHS    cULus

Explosion-proof model available

## BSV SERIES MP3 BSV-L SERIES MP3 LONG PLAY



### Ultra-thin and Compact to Fit Tight Spaces

- Field programmable with MP3 files
- 19.9mm depth
- Easy-access volume control behind front cover
- 4 channel bit input / 15 channel binary input
- Wall mount or panel mount installation
- Inputs: NPN / PNP
- BSV: 63 second MP3 message playback
- BSV-L: 520 second MP3 message playback

87 dB at 1 m    IP54    CE    RoHS    cULus

How to Order	
Model	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	
Model	BSV-24NL-W
Voltage	DC12V to DC24V
Translator Type	N: NPN P: PNP
Front Cover Color	W: Off-white D: Dark Gray S: Silver
Long Play	

## BM SERIES PRE-SET ALARMS



### Economical with Panel Mounting

- 2 built-in alarm tones
- Compact (30mm front) lightweight (100g) design
- Ideal for control panels
- Inputs: NPN / PNP

80 dB at 1 m    85 dB at 1 m    90 dB at 1 m    IP30    CE

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

\*Special order only

## BD / BK SERIES PRE-SET ALARMS BDV / BKV SERIES MP3



### Economical with High Quality Sound

- Easy-access volume and mode setting control panel behind front cover
- 63 second MP3 message playback
- Inputs: NPN
- BD : 4 channel bit input / 15 channel binary inputs
- BK : 8 channel bit input / 32 channel binary inputs
- BDV : 4 channel bit input / 15 channel binary input
- BKV : 5 channel bit input / 31 channel binary input

90 dB at 1 m    95 dB at 1 m    87 dB at 1 m    90 dB at 1 m

BD    BK    BDV    BKV

IP54    CE    RoHS

How to Order	
Model	BD-24E-J
Rated Voltage	24: DC12V to DC24V 100: AC100V/AC220V*
Color	J: Ivory White K: Dark Gray
Sound Type	E: 32 "E" group sounds built-in

How to Order	
Model	BK-24E-J
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

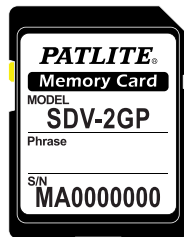
How to Order	
Model	BDV-15JF-J
Rated Voltage	J: DC12V to DC24V K: AC100V/AC220V*
Color	J: Ivory White K: Dark Gray

How to Order	
Model	BKV-31JF-J
Rated Voltage	J: DC12V to DC24V K: AC100V*
Color	J: Light Gray K: Dark Gray

\*Special order only

# SMART OPTIONS

## SDV-2GP



### SD Card for programming MP3 files

- SD Card (2GB)

**Highly Recommended** to use the SDV-2GP SD Card with Smart Alert products. Other SD Card brands may not be compatible with PATLITE products.

## FV-127JP



### MP3 Player Circuit Board Designed for installation inside equipment

- 240 minute MP3 message playback when using SD Card
- 3 volume modes: -10dB, -20dB, -30dB
- 7 channel bit input; 127 channel binary input
- Terminals: Busy output, Aux output, Speaker
- Inputs: NPN
- Rated Voltage: DC24V



## 5 EASY STEPS PROGRAM SMART ALERT PRODUCTS

**STEP 1: DOWNLOAD** free playlist editor from [www.patlite.com](http://www.patlite.com).

**STEP 2: OBTAIN** a compatible SD Card. The SDV-2GP SD Card is guaranteed to work with PATLITE Smart Alert products.

**STEP 3: CREATE** MP3 messages or let us create them for you.

**STEP 4: LOAD** MP3 messages on the SD Card using the playlist editor software.

**STEP 5: LOAD** MP3 messages by inserting the SD card into a Smart Alert product.

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