

PATLITE®

Smart Alert Series

THE NEXT GENERATION OF AUDIBLE SIGNALING TECHNOLOGY



Hybrid Visual / Audible Indicators

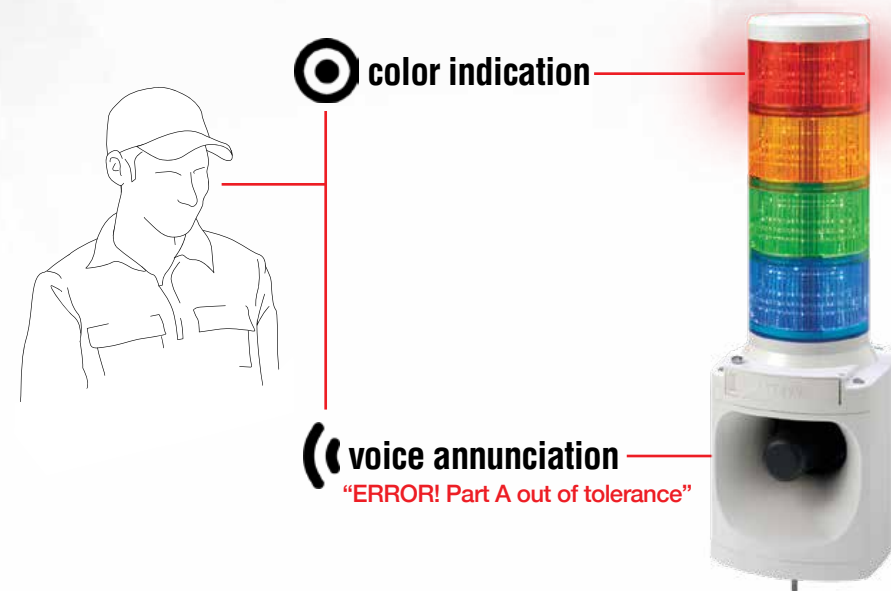
Programmable MP3 Voice Sounders

Multi-Tone Alarms

SMART ALERTS

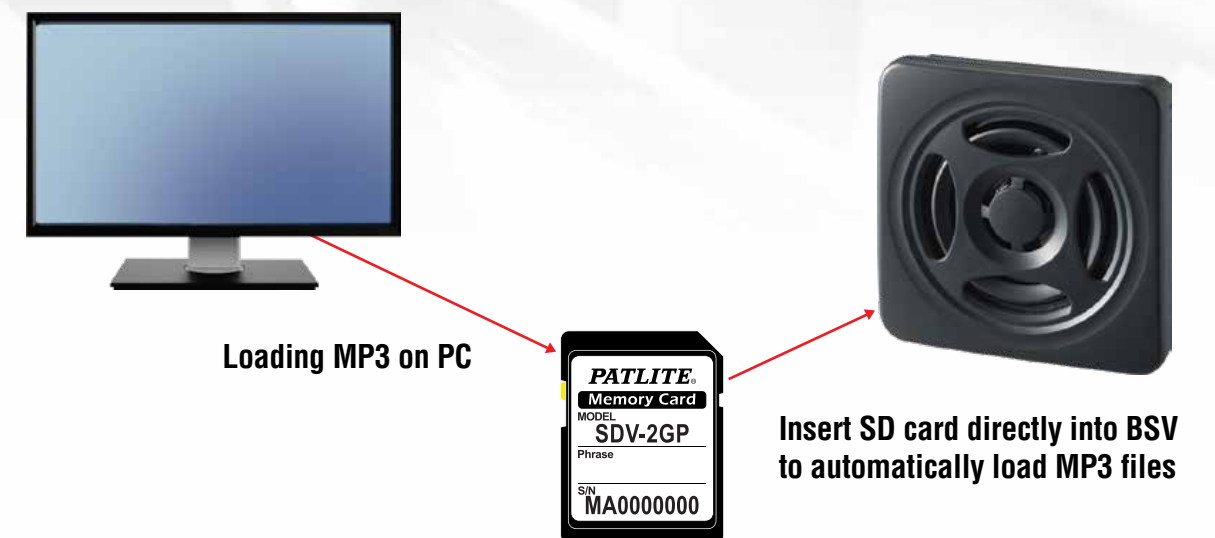
IMAGINE IF YOUR MACHINES COULD TALK

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		Dome Color
Rated Voltage		R: Red
24: DC24V		Y: Amber
120: AC120V		G: Green
200: AC200V*		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		Dome & LED Color
Rated Voltage		R: Red
24: DC24V		Y: Amber
100: AC100V*		B: Blue
220: AC220V*		

*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

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

*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		Dome & LED Color
Rated Voltage		R: Red
24: DC24V		Y: Amber
100: AC100V*		G: Green
220: AC220V*		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	G: Type G
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

Voltage	BSV-24N-W	Front Cover Color	W: Off-white D: Dark Gray S: Silver
Translator Type	N: NPN P: PNP		

How to Order

Voltage	BSV-24NL-W	Front Cover Color	W: Off-white D: Dark Gray S: Silver
Translator Type	N: NPN P: PNP	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	Body Type	Blank: Standard H: High Volume D: Drip-proof
Rated Voltage	202: AC/DC24V 212: AC120V 220: AC220V*		

*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 BD 95 dB at 1 m BK 87 dB at 1 m BDV 90 dB at 1 m BKV

IP54 CE RoHS

How to Order

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

How to Order

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

How to Order

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

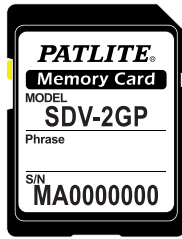
How to Order

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

*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.

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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