Smart Alert Series
THE NEXT GENERATION OF AUDIBLE SIGNALING TECHNOLOGY

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

**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

**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

**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

*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

<table>
<thead>
<tr>
<th>Model</th>
<th>Rated Voltage</th>
<th>Melody/Wave Type</th>
<th>Wiring Type</th>
<th>G: Type-G</th>
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<tbody>
<tr>
<td>EHV-L</td>
<td>DC12V to 32V</td>
<td>NPN / PNP</td>
<td>Cable</td>
<td>T: Terminals</td>
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<td>EHV-N</td>
<td>DC12V to 32V</td>
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<tr>
<td>EHV-412V</td>
<td>DC12V to 412V</td>
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<td>Cable</td>
<td>T: Terminals</td>
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<td>EHV-411V</td>
<td>DC12V to 411V</td>
<td>NPN / PNP</td>
<td>Cable</td>
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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
- EHV: 63 second MP3 message playback
- BSV-L: 520 second MP3 message playback

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<th>Voltage</th>
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<tbody>
<tr>
<td>BSV-24N</td>
<td>DC12V to 24V</td>
<td>White / Black</td>
<td>E: 220 second MP3 message playback</td>
</tr>
<tr>
<td>BSV-24NL</td>
<td>DC12V to 24V</td>
<td>White / Black</td>
<td>E: 220 second MP3 message playback</td>
</tr>
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</table>

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

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<tr>
<td>BM-202H</td>
<td>DC12V to 24V</td>
<td>White / Black</td>
<td>E: 220 second MP3 message playback</td>
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</tbody>
</table>

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
- 83 second MP3 message playback
- Inputs: NPN / PNP
- 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

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<tr>
<td>BDV-24N</td>
<td>AC100-240V</td>
<td>White / Black</td>
<td>E: 220 second MP3 message playback</td>
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<td>BKV-24N</td>
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<td>AC100-240V</td>
<td>White / Black</td>
<td>E: 220 second MP3 message playback</td>
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<td>BKV-31JF-J</td>
<td>AC100-240V</td>
<td>White / Black</td>
<td>E: 220 second MP3 message playback</td>
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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 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.