Most manufacturing facilities use traditional or electronic horns to sound alarms related to conditions on machines or processes. In general, the bells, sirens and tones used are standard sounds created by the horn manufacturer. However, an increasing number of customers are looking for the ability to customize their alarms and even create detailed messages. The new Allen-Bradley® Recordable Horn allows users to download voice, melodies or customized tones from any analog device or record messages directly to the unit via the on-board microphone.

Features

- On-board microphone – ideal for single-device installations
- Built-in audio input that allows recording from any analog source
- Master/Slave Capability – Replicate content from one horn (Master) to another (Slave)
- Synchronized output capability for multi-horn installations
- Separate volume control for recorded content and alarm tones
- Four remotely selectable alarm stages
- 45 alarm tones selectable via DIP Switch
- No proprietary software required, and no third-party freeware message for format conversion
- CE and cULus Type 4/4X/13/3R, IP66 listed

The new Allen-Bradley 855 Recordable Horn is a flexible, high-output signaling solution that provides customized alarm and/or message capabilities for industrial applications.
**Product Specifications:**
- **Operating Voltage:**
  - Horns DC Versions:
    - Frame C: 10...30V DC
    - Frame E and Flare Style: 14...30V DC
  - Horns AC Versions:
    - All Frames: 90...260V AC, 50/60 Hz
  - Horns with LED Beacons:
    - Frame C: 12...30V DC
    - Frame E: 14...30V DC
    - Frames C and E: 90...260V AC
- **Maximum Sound Output Level at 1 m**
  - Frame C: 110 dB(A) Tone, 103 dB(A) music, 101 dB(A) Voice
  - Frame E and Flare: 126 dB(A) Tone, 112 dB(A) music, 111 dB(A) Voice
- **Ingress Rating:**
  - Frame C and Frame E: UL Type 3R, 4/4X, 13, IP66
  - Flare Style: UL Type 3R, 4/4X, 13, IP66/67
- **Operating temperature Rating:**
  - All versions: -25....+55˚ C (-13....+131˚ F)

**Unique Recording Features:**
- Two minutes total recording capacity split in 4 channels (stages) of 30 sec. max per channel
- Exceptional CD Quality recording
  - 32 kHz recording sample rate
  - 16 kHz playback sample rate that produces exceptional clarity
- Line Level Peak indicator that indicates that output volume has been set at the optimal level at the source device and ensures maximum SPL (Sound Pressure Level) at message playback
- “Message only” or “Message and Tone” Playback selectable
- “Play-through” capability that allows the user to listen to content as it is being recorded or when downloading from an analog source
- No complicated message format conversion required

User friendly – No additional hardware or software required to record a message.

**Recordable Horns Catalog Number Configuration**

<table>
<thead>
<tr>
<th>Code</th>
<th>Horn Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>R</td>
<td>Recordable Horn</td>
<td></td>
</tr>
<tr>
<td>RC</td>
<td>Recordable Horn with LED</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Voltage*</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>30*</td>
<td>12...30V DC</td>
<td></td>
</tr>
<tr>
<td>45</td>
<td>90...260V AC 50/60Hz</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Frame</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>Frame C</td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>Frame E</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>Flare Style</td>
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</table>

<table>
<thead>
<tr>
<th>Lens Color</th>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>Blank</td>
<td>Blank</td>
<td>No Light</td>
</tr>
<tr>
<td>3</td>
<td>Green</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Red</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Amber</td>
<td></td>
</tr>
</tbody>
</table>

Lens color must be “Blank” for horn type R
Lens color cannot be “Blank” for horn type RC
Frame “F” not valid with horn type RC
*Code 30 is 10...30V DC for Frame C Horn Only
*Code 30 is 12...30V DC for Frame C Horn with Beacon Only
*Code 30 is 14...30V DC for Frame E Horn with Beacon
*Code 30 is 14...30V DC for Frame E Horn with Beacon

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