



BACK-UP ALARMS



MULTI-FREQUENCY™ Surface Mount

Multi-Frequency back-up alarms provide a solution to potential noise pollution created by conventional tonal back-up alarms in confined or densely populated work areas. These Multi-Frequency alarms maintain a safe warning signal for those in the danger zone of backing vehicles while minimizing disturbance to work site neighbors. Multi-Frequency alarms operate by emitting sound at multiple frequencies attenuated above 4000Hz.

Models

| PART NO. | TYPE | VDC | dB(A) | AMPS | APPROVALS |
|-------------|---------------------------------------|-------|--------|------|-------------------------|
| EA5050 | MFA | 12-24 | 87 | 0.4 | SAE Type D, RCM, AMECA |
| EA5200 | MFA | 12-24 | 97 | 1.0 | SAE Type C, RCM, AMECA |
| EA5200-APT2 | MFA Aptiv Tech. 2-pin connector | 12-24 | 97 | 1.0 | SAE Type C, RCM, AMECA |
| EA6100 | MFA | 12-24 | 97 | 0.7 | SAE Type C |
| EA7020 | MFA | 12-24 | 102 | 0.6 | SAE Type F, AMECA, IP66 |
| EA7070 | MFA | 12-24 | 107 | 0.8 | SAE Type B, AMECA, IP66 |
| EA9070 | MFA/Smart | 12-24 | 87-107 | 0.9 | SAE Type F, IP66 |
| EA9724 | MFA/Smart | 12-24 | 77-97 | 0.7 | SAE Type F |
| EA9780 | MFA/Smart | 36-80 | 77-97 | 0.8 | SAE Type F |

Design Features

- Emits sound at multiple frequencies attenuated above 4000Hz
- Warning signal is more directional and perceived to dissipate quicker than pure tone
- Smart Alarm models adjust output to 5dB above surrounding noise
- Sealed in epoxy for protection against dust, moisture, and vibration
- Temperature Range: -40°F to +185°F (-40°C to +85°C)

Alarm Specifications

Reinforced nylon housing / 2-16 AWG wire connection

Recommended mounting bolt: 1/4" Grade 5 (5050 & 5200), 3/8" Grade 5 (6100, 7020, 7070, 9070, 9724 & 9780)

Recommended washer: 1/4" Type A, Series A or W (5050 & 5200), 3/8" Type A, Series N or W (6100, 7020, 7070, 9070, 9724 & 9780)

Recommended mounting torque: 276 in. lbs. (6100, 7020, 7070, 9070, 9724 & 9780)

Recommended mounting torque: 76 in. lbs. (5050 & 5200)

Warranty:

2 Years: EA5050, EA5200, EA5200-APT2

ECCOLIFE™: EA6100, EA7020, EA7070, EA9070, EA9724, EA9780



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Alarm Specifications

Reinforced nylon housing / 2-16 AWG wire connection

Recommended mounting bolt: 3/8" Grade 5

Recommended washer: 3/8" Type A, Series N or W

Recommended mounting torque: 276 in. lbs.

| PART NO. | TYPE | VDC | dB(A) | AMPS |
|----------|-----------|-------|--------|------|
| EA6100 | MFA | 12-24 | 97 | 0.7 |
| EA7020 | MFA | 12-24 | 102 | 0.6 |
| EA7070 | MFA | 12-24 | 107 | 0.8 |
| EA9070 | MFA/Smart | 12-24 | 87-107 | 0.9 |
| EA9724 | MFA/Smart | 12-24 | 77-97 | 0.7 |
| EA9780 | MFA/Smart | 36-80 | 77-97 | 0.8 |

Features and Benefits

- Emits sound at multiple frequencies attenuated above 4000Hz
- Warning signal is more directional and perceived to dissipate quicker than pure tone
- Smart Alarm models adjust output to 5dB above surrounding noise
- Sealed in epoxy for protection against dust, moisture, and vibration
- Temperature Range: -40°F to +185°F (-40°C to +85°C)