



# 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)