



E-Q2B™ ELECTRONIC SIREN



Completely Redesigned

The e-Q2B has been completely designed to incorporate 200W Class D audio amplifier for increased reliability. In addition, external diagnostics have been added to monitor power, output voltage and current monitoring. New features include park kill input, which immediately shuts off the siren when vehicle is in park and horn ring input which allows the user to cycle through siren tones. Finally, an audio output has been added to allow the e-Q2B to work with the Federal Signal Rumbler Intersection Clearing System.

Improved Amplifier

Using DSP circuitry, the e-Q2B amplifier is able to accurately reproduce the trademarked "Q" wail rather than relying on a simple digital recording. DSP also enables the product to function either manually or automatically for hands-free operations. The new Class D engineered system reduces operating current to 20 amps and provides for a more robust, reliable system.

Improved Keypad

The push-button backlit, membrane switches and robust rubberized knob provide tactile feel to easily activate siren tones, airhorn, PA and radio rebroadcast. In addition, the detachable push-to-talk microphone can be easily removed and replaced with customized plug. Volume control for microphone is located directly on the keypad for added convenience.

Optional Siren Control

Three external inputs allow for the use of externally configured foot switches to control manual wail, brake and airhorn.

> Features

- Reduced amp draw
- Compatible with Rumbler-Intersection Clearing System
- External diagnostics
- Park kill input
- Horn ring input
- Smaller footprint
- New keypad with backlit membrane switches
- Sturdy power connections
- 200-Watt siren system
- Traditional and trademarked Q-Siren® sound
- Works with FS Convergence Network
- Removable microphone
- Auto, manual and brake capabilities
- Q-wail, yelp, priority, airhorn, PA and radio rebroadcast
- Foot switch compatible

Registered Trademark

The distinctive sound of the Q2B electro-mechanical siren is a registered trademark owned by Federal Signal Corporation.

> How to Order

Specify amplifier/controller

EQ2B-200 200-watt siren amplifier with digital output control head and microphone

Choose (1) 200-watt speaker or (2) 100-watt speakers

BP200-Q 200-watt speaker with classic chrome "Q" grille and mount

BP200-EF 200-watt speaker with stainless steel "Electric F" grille

ES100 100-watt DynaMax™ speaker

Specifications		
Operating Current	20A	
Input Voltage	11-15 VDC	
Polarity	Negative ground only	
Operating Temperature Range	-40°C to +65° C	
Standby Current	Less than 0.5A	
Ship Weight		
	13.0 lbs (6.1 kg)	
Physical Specifications		
	Siren Amplifier	Control Head
Height	3.98 in (10.1 cm)	3.25 in (8.3 cm)
Width	7.6 in (19.4 cm)	6.8 in (17.3 cm)
Length	10.41 in (26.4 cm)	1.18 in (3.0 cm)



New Redesigned Keypad

The push-button backlit, membrane switches and large rubberized knob provide a tactile feel. The microphone can easily be removed from the front of the keypad.



External Diagnostics

LED indicators located outside the amplifier allow for fast and easy read diagnostics to show the system is functionally properly.



Improved Power Connection

Eliminates the bending of wires at input points to ensure a strong connection with increased reliability.