



▶ e-Q2B® | Electronic Siren

FEATURES

- Reduced amp draw
- Compatible with Rumbler Intersection Clearing System
- External diagnostics
- Park kill input
- Smaller footprint
- New keypad with backlit membrane switches
- Sturdy power connections
- 200 W siren system
- Traditional and trademarked Q-Siren® sound
- Works with FS Convergence Network
- Removable microphone
- Auto, manual and brake capabilities
- Features Q-wail, Yelp, Priority, Air Horn, PA, Radio Rebroadcast and Horn Ring Transfer
- Foot switch compatible

Completely Redesigned

The e-Q2B® has been redesigned to incorporate 200 W 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 (Horn Ring Transfer). The new Class D engineered system reduces operating current to 20 A 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, air horn, 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 air horn.

Registered Trademark

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

Specify amplifier/controller

- EQ2B-200 200 W remote amplifier control head and microphone, surface mount
- EQ2B-200FM 200 W remote amplifier control head and microphone, flush mount
- EQ2B-100 100 W remote amplifier control head and microphone, surface mount

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

- BP200-Q 200 W speaker with classic chrome "Q" grille and mount
- BP200-EF 200 W speaker with stainless steel "Electric F" grille
- ES100 100 W DynaMax™ speaker

Specifications	
Operating Current	20 A
Input Voltage	11-15 VDC
Polarity	Negative ground only
Operating Temperature Range	-40°C to +65° C
Standby Current	Less than 0.5 A

Physical Specifications		
	Siren Amplifier	Control Head
Height	3.98 in (10.1 cm)	3.25 in (8.3 cm)
Width	7.60 in (19.4 cm)	6.80 in (17.3 cm)
Length	10.41 in (26.4 cm)	1.18 in (3.0 cm)

Ship Weight	
13.0 lbs (6.1 kg)	



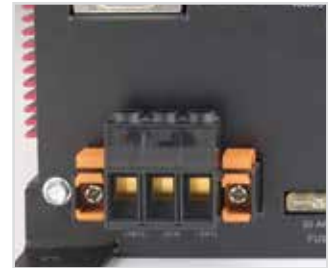
New Redesigned Keypad

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.