

e-Q2B®

ELECTRIC SIREN



E-Q2B-200

FEATURES

- 200 W power with lower Amp draw — 22 A or 100 W
- Available with flush mount or surface mount control head
- Compatible with Rumbler® Traffic Clearing System
- Easy-to-read external diagnostics
- Keypad features backlit membrane switches with tactile feel
- 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 inputs
- Three-year warranty

APPROVALS

- SAE J1849

FS TECHNOLOGIES



Completely Redesigned

The e-Q2B® includes 200 W Class D audio amplifier for increased reliability and external diagnostics to monitor power, output voltage and current monitoring. 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. The e-Q2B also has an audio output to work with the Federal Signal Rumbler Traffic 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.

HOW TO ORDER

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 W SPEAKERS

BP200-Q	200 W speaker with classic chrome "Q" grille and mount
BP200-EF	200 W speaker with stainless steel "Electric F" grille
ES100C	Speaker DynaMax™/ES100C, 100 W, high output, compact, Class A

SPECIFICATIONS

AUDIO OUTPUT POWER	200 W
INPUT VOLTAGE	11/16 Vdc
NOMINAL OUTPUT VOLTAGE	33 Vrms
STANDBY CURRENT	<0.5 A
INPUT CURRENT, OPERATING	20 A
OPERATING TEMP.	-40° to +149° F (-40° to +65° C)
POLARITY	Negative ground only

PHYSICAL SPECIFICATIONS LIGHT HEAD

	SIREN AMPLIFIER	CONTROL HEAD
LENGTH	8.19 in (20.8 cm)	6.8 in (17.27 cm)
WIDTH	7.66 in (19.44 cm)	1.18 in (3.0 cm)
HEIGHT	3.91 in (9.93 cm)	3.25 in (8.3 cm)

SHIP WEIGHT

13.0 lb (6.1 kg)

Keypad

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



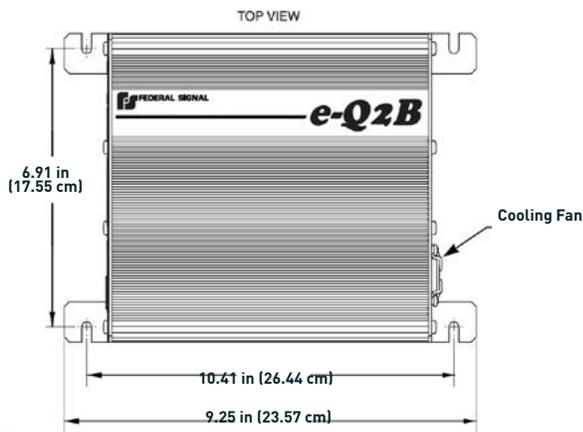
External Diagnostics

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

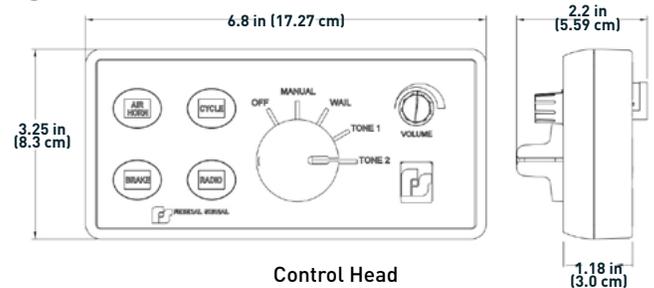


Improved Power Connection

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



Amplifier



Control Head



Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Sirens and Speakers may cause hearing damage. Wear hearing protection. DynaMax, Q2B, e-Q2b, and Rumbler are trademarks of Federal Signal Corporation.