MYSTERY ELECTRONICS
Customizable AV Solutions for Your Project

EasyMix FC8X • *DSP Motorized Fader Control Surface*

FC8X

- **Simplified control of Volume, EQ and DSP functions via Ethernet**
- **Custom program Displays, Faders, and Buttons to your DSP functions**
- **8 Motorized Touch-Sensitive Faders**
- **8 Full-Color HD Displays**
- **Controls up to 16 channels**
- **Customizable fader scaling**
- **Backlit button colors based on assigned function**
- **Desktop version**
- **PoE+**

Perfect for:

Board Rooms
Court Rooms
Meeting Rooms
Legislative Chambers
Training Rooms
Auditoriums
Stadiums
Event Centers

Link control values and have your EasyMix up and running in minutes!

Details

Compatible w/ select DSPs from:

- Biamp
- QSC
- Symetrix

- Built-in software interface to add control values from your DSP design software configuration
- 8 Motorized 60mm touch sensitive faders
- 8 Full-Color HD displays provide:
  - Real-time metering
  - Precision level settings
  - Customizable labeling
- Controls up to 16 channels (2 banks)
- Up to 8 soft keys to control 16 DSP presets or logic functions.
- Customizable fader scaling (incl. lighting)
- Faders programmable to function as EQ controls
- Channel buttons are programmable to controls in your DSP (e.g. auto mixer on/off, auto gain control bypass, channel on/off control, etc).
- Programmable to indicate status of auto mixer highest gain, signal presence, or other meter indicators.
- Compact machined aluminum form factor
- Rack mountable (hardware not yet available)
- Compatible with VESA mount
- Powered via Ethernet port (PoE+)

FC8X (front view)

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EasyMix FC8X • *continued*

Compatible with DSP's from the following manufacturers:

BIAMP SYSTEMS

QSC

Symetrix

Anywhere you need EASY mixing control!

Specifications

DSP compatibility*: Biamp Tesira®, Symetrix Composer®, and QSC Q-SYS®
Software: Built-in web server accessible with web browser
Faders: 60 mm motorized touch sensitive
Connection: Ethernet RJ45
Power source: IEEE 802.3at compliant powered device (PoE+ powered via Ethernet port)
Dimensions (nominal)**:** 12W x 7H (4RU) x 2.75D in.
Regulatory: CE Listed, FCC Part 15 compliant
*EasyMix Series can remote control any function that is permitted to be remote controlled as determined by compatible DSP model

A&E specification

A&E Specification: Easy Mix FC8X - DSP Control Surface
The DSP Control Surface shall provide remote control capabilities to supported digital signal processors over Ethernet. DSP Control Surface shall be equipped with eight (8) each physical fader channels and eight (8) Full-color HD displays. Each channel shall provide one (1) each 60 mm touch-sensitive motorized fader and two (2) each programmable functions via backlit tactile push button switches. DSP Control Surface shall provide programmable control of up to sixteen (16) each gain controls and additional field programmable functions within the device. The DSP Control Surface shall support the programming of eight (8) each customizable tactile push buttons and shall be able to be field programmable to control fader bank selection, EQ, presets, or logic functions depending on the options available for each digital signal processor. All tactile backlit push buttons shall be momentary, non-latching and shall provide integral LED status indication. All program memory shall be non-volatile with no batteries required. Device setup shall be accessible using a built-in web server hosted within device and accessible with a web browser. DSP Control Surface shall have the following rear mounted connector: Ethernet RJ45. DSP Control Surface shall be constructed of and all electronics shall be enclosed in a matte gray, powder coated machine aluminum chassis. DSP Control Surface shall be rack mountable in 4RU. DSP Control Surface faceplate shall in addition to make and model include a laminated positioning designation overlay at each fader. DSP Control Surface shall be Mystery Electronics EasyMix FC Series, model number FC8X. *Note: For rack-mounting, additionally specify Mystery Electronics Item#: RMFC8X.*

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