MYSTERY ELECTRONICS

EasyMix® EM12 • *Tactile DSP Remote Control Surface*

Route-in

- **Simplified control of Volume, EQ and DSP functions via Ethernet**
- **6 Motorized faders**
- **Virtual fader banks can provide up to 18 additional fader channels (24 total)**
- **Backlit LED push button switches**
- **Custom program Faders, Buttons, & LED's to your DSP functions**
- **Available versions:**
  - **Console (with oak wrapper)**
  - **Desktop**
  - **Rackmount**
  - **Rout-in**
- **POE 802.3at compliant**
- **FCC Part 15 compliant**
- **Perfect for:**
  - **Houses of worship**
  - **Board rooms**
  - **Court rooms**
  - **Meeting rooms**
  - **Legislative chambers**
  - **Training rooms**
  - **Auditoriums**
  - **Schools**
  - **Stadiums**
  - **Event centers**

Use the built-in interface to add the control values from your DSP configuration / design software and have your EasyMix EM12 running in minutes.

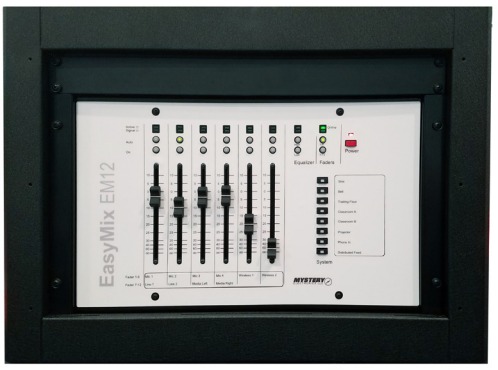
Equipped with six physical 100mm motorized fader channels, two programmable backlit push buttons and two status indicating LED's per channel located above each fader. Programmable bank selection, push buttons, and status LED's provide eighteen additional (twenty-four overall) programmable virtual fader channels. Faders can also be programmed to function as high, mid, and low frequency EQ controls.

Each channel's push buttons can be programmed to controls in your DSP such as auto mixer on/off, auto gain control bypass, and channel on/off control. Channel LED's can be programmed to indicate status of auto mixer highest gain, signal presence, or other meter indicators.

Twelve user defined backlit push button switches are available to control fader banks 1 - 4, high, mid, or low EQ, system selections, or can be used to trigger DSP presets.

Power switch contact closure allows single push button control of external power sequencer.

EM12 ships with stock text and graphics. Custom graphics and text for your specific application are available at no additional cost with initial order.



Rack Mount

Console

Desktop

p. 800 798 2256
e. sales@mysteryelectronics.com

EasyMix EM12 • *additional details*

Compatible with DSP's from the following manufacturers:

BIAMP SYSTEMS

BSS by HARMAN

QSC

RANE

Symetrix

XILICA

Anywhere you need EASY mixing control!

Specifications

DSP compatibility: Biamp Tesira®, BSS Soundweb London® (HiQnet Audio Architect required), QSC Q-SYS®, Rane Halogen®, Symetrix SymNet® & Jupiter®, Xilica Neutrino & Solaro.
Software required: none – built-in web server for access by browser
Faders: 100 mm motorized; field replaceable
USB: Firmware updates and future expansion
Power supply: POE 802.3at-compliant (POE injector included)
Power status LED: selectable - 5, 12, or 24VDC via internal jumper
Connections: Ethernet RJ45, USB, latching on/off power switch contact closure (3.5mm pitch Phoenix® type connector included)
Dimensions (nominal):

Rackmount: 19"w x 10.5"h (6RU) x 2.5"d
Desktop: 17.25"w x 11"h x 4.5"d
Route-in: 15"w x 10"h x 2.1"d (faceplate: .075" thickness, .375" corner radius)
Console style hardwood wrapper: 16.5"w x 11.5"h x 4.25"d

A&E specification

A&E Specification: EM12 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 six (6) each physical fader channels.

Each channel shall provide one (1) each 100 mm motorized fader, two (2) each programmable functions via backlit tactile push button switches, and two (2) each status indicating LED's. DSP Control Surface shall provide programmable control of up to twenty-four (24) each gain controls and additional field programmable functions for each device within the unit. Twelve (12) each customizable tactile push buttons shall be able to be field programmed 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, no batteries required. DSP Control Surface setup shall be accessible using a built-in web server hosted at the device IP address.

The DSP Control Surface shall have the following rear mounted connectors: Ethernet RJ45, USB type A, and power switch.

The DSP Control Surface shall be constructed of satin black, powder coated steel. The DSP Control Surface faceplate shall be 14 ga., with polyester laminated printed designation overlay. All electronics shall be enclosed in 16 ga. chassis.

The DSP Control Surface shall be Mystery Electronics EasyMix series, model EM12*

***Select appropriate model variation:**
*EM12 - Console**, EM12 - Desktop, EM12 - Rackmount, EM12 - Route-in*

****For EM12 - Console, select solid hardwood wrapper type:**
EM12-CWGO (Console style wrapper, Golden Oak)
EM12-CWUO (Console style wrapper, Unfinished Oak)

MYSTERY ELECTRONICS
sales & support 800 798 2256
sales@mysteryelectronics.com
www.mysteryelectronics.com