



FR REMOTES NETWORK REMOTE CONTROLS

FR-8 and **FR-16** are Ethernet devices that provide fader-based remote level control for Ashly products having DSP capabilities. The **FR-8** controls up-to eight user assigned inputs, outputs, or mixer outputs, and the **FR-16** controls up-to 16.

Both models are powered using Class-1 IEEE 802.3af Power over Ethernet (PoE), or by an external PoE injector when PoE is unavailable. Ethernet communication with this device is made by wiring it with standard Cat-5 cable terminated with an RJ-45 connector through an Ethernet network router, switch, hub, or patch panel to a Windows™ PC running our *Protea™ ne Software* v5.10 or higher. Each connect to Ethernet using a standard RJ-45, as well as Neutrik's etherCON™ heavy duty RJ-45 and will automatically assign their IP address.

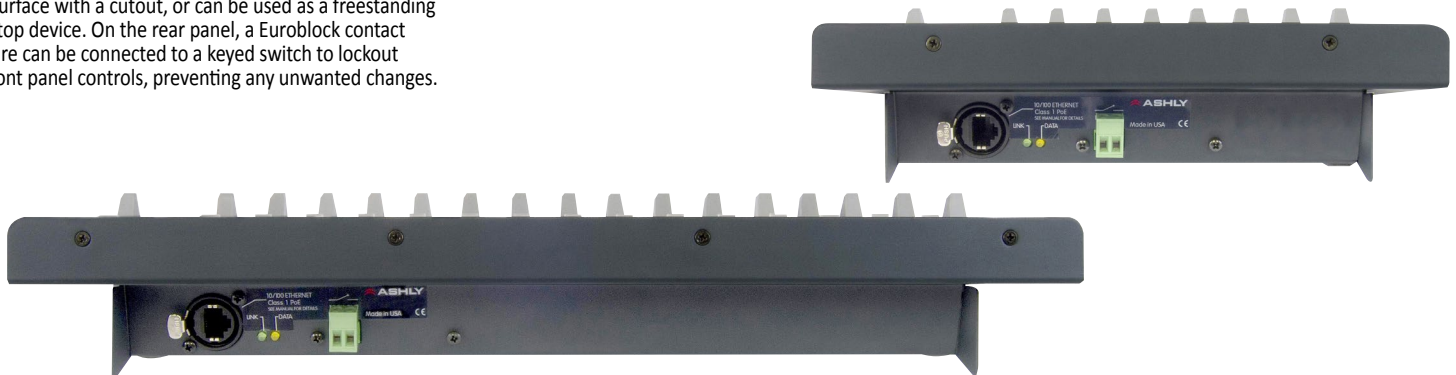
Each channel fader can control input gain, output gain, or mixer gain levels as assigned in software. The master fader provides an overall level control for user assigned faders, or can be disabled. Assignable fader scaling allows the user to place an upper and lower limit on the range of level control for each individual fader. A clear window is provided above and below each fader for the insertion of user defined labels, available on the Ashly website as a document template.

The **FR-8** will mount to a standard 4-gang US electrical wall box, and the **FR-16** will mount to a modular 7-gang US wall box. Alternately, the units can be mounted to a flat surface with a cutout, or can be used as a freestanding desktop device. On the rear panel, a Euroblock contact closure can be connected to a keyed switch to lockout all front panel controls, preventing any unwanted changes.

Compatible Ashly Products	
<i>Power Amplifiers</i>	
nXp Power Amplifiers	
PEMA™ Protea-Equipped Media Amplifiers	
ne Series, Two-Channel Power Amplifiers w/ DSP	
ne Series, Multi-Channel Power Amplifiers w/ DSP	
<i>Signal Processors</i>	
ne Series, DSP Processors 4400/4800/8800	
ne24.24M Matrix Processor	
Indicator Functions	
BLUE LED	Power
<i>Push-Button LEDs (Mixer Mode & I/O Level Mode)</i>	
RED	Mute
GREEN/AMBER	Signal Level
<i>Push-Button LEDs (A/B Source Select Mode)</i>	
RED	Source "A"
GREEN	Source "B"

Please Note: 1) Level and Mute indicators are disabled in A/B Source Select Mode. 2) Continuous flashing RED in either mode indicates communications with the target device has been interrupted.

Specifications	
<i>Common</i>	
Max Data Cable Length	100 meters (328 ft) from the nearest router, hub, or switch
Connections	Euroblock, XLR male
Environmental	40–120 deg. F (4–49 deg. C)
Power Requirements	Class 1 IEEE 802.3af Power over Ethernet (PoE)
FR-8	
Mounting	4-ganged wall box (US), panel cutout, desktop
Dimensions	9"W x 4.8" L x 0.9"D (229mm x 122mm x 23.9mm)
Unit Weight	2.3lbs (1.04kg)
Shipping Weight	4lbs (2kg)
FR-16	
Mounting	7-ganged modular wall box (US), panel cutout, desktop
Dimensions	15" W x 4.8" L x 0.9" D (381mm x 122mm x 23.9mm)
Unit Weight	3.8lbs (1.72kg)
Shipping Weight	5lbs (3kg)





FR REMOTES

ARCHITECT & ENGINEERING

FR-8

The remote level control shall be Ethernet based and powered using Class 2 IEEE 802.3af Power over Ethernet (PoE). It shall have automatic IP addressing. It shall have eight (8) faders that can be assigned in software as input or output level controls, as well as output mixer source level controls. Each fader shall have assignable fader scaling. Each fader shall include a push-button LED, which is configurable to display mute or signal level status. Push-button LED signal level indicators shall have assignable turn-on thresholds for green and amber. The remote level control shall have a communication failure indicator. The remote level control shall have one master fader for overall level control of all selected faders. All faders and push-button LEDs shall have a clear window for insertion of user labels. The remote level control shall have a rear panel lock-out contact closure to disable all controls. The remote level control shall be designed to mount in a standard four ganged US electrical wall box, to a flat surface with a cutout, or freestanding on a desktop.

The remote level control shall be the Ashly **FR-8**

FR-16

The remote level control shall be Ethernet based and powered using Class 2 IEEE 802.3af Power over Ethernet (PoE). It shall have automatic IP addressing. It shall have sixteen (16) faders that can be assigned in software as input or output level controls, as well as output mixer source level controls. Each fader shall have assignable fader scaling. Each fader shall include a push-button LED, which is configurable to display mute or signal level status. Push-button LED signal level indicators shall have assignable turn-on thresholds for green and amber. The remote level control shall have a communication failure indicator. The remote level control shall have one master fader for overall level control of all selected faders. All faders and push-button LEDs shall have a clear window for insertion of user labels. The remote level control shall have a rear panel lock-out contact closure to disable all controls. The remote level control shall be designed to mount in a standard modular seven ganged US electrical wall box, to a flat surface with a cutout, or freestanding on a desktop.

The remote level control shall be the Ashly **FR-16**