

Series 400® Front of House System

ROLLING RACK UNIT

The PRG Series 400™ Front of House (FOH) components provide a convenient method of connecting consoles and accessories at the mix riser position. The typical FOH system includes a Front of House Breaker Module, Front of House Breakout Module, A/B Switch and up to 500 feet of Trunk Cable, which can be connected from a Series 400 Power and Data Rack located back stage or elsewhere.

SUPPORT FOR ANY ETHERNET OR DMX512 CONTROL SYSTEM

The FOH components provide the ultimate flexibility by supporting either DMX512 input(s) or direct Ethernet input from the control system with the following options: 1) Up to 10 DMX512 universes can be connected to the FOH Breakout Module. 2) Consoles with Art-Net capability can supply Ethernet directly to the Series 400 Network. 3) The Series 400 Network can also be used to distribute proprietary Ethernet protocols.

FOH BREAKOUT MODULE

The Front of House Breakout Module provides power outlets for up to 12 devices, each of which are protected by an individual circuit breaker. Using the FOH Breakout Module, both a primary and backup console can be connected to the system. The module provides 10 DMX512 inputs and two Ethernet ports.

FOH BREAKER MODULE

The Front of House Breaker Module provides two trunk outputs, with each circuit protected by an individual circuit breaker, for the purpose of routing power and control to FOH Breakout Modules. Unlike the standard Series 400 Breaker Modules, the FOH Breaker Module does not offer a Menu Display, which is instead located at the FOH Breakout Module itself. The FOH Breaker Module is installed directly into a Series 400 Rack.

FOH A/B SWITCH

A Front of House A/B Switch can be connected to an FOH Breakout Module to allow selection between different sets of DMX512 inputs. This can be used to easily switch between a primary and backup console. All universes from both consoles are active on the network all the time, making it possible to verify that both desks are up and running by checking the system status.

*NOTE: THE A/B SWITCHING FEATURE DOES NOT APPLY TO ETHERNET INPUTS.



Features

- PROVIDES THE CONVENIENCE OF POWER AND DATA AT THE MIX RISER POSITION.
- ALLOWS CONNECTION OF BOTH A PRIMARY AND BACKUP CONSOLE TO THE SYSTEM.
- CAN BE LOCATED UP TO 500 FEET FROM THE SOURCE RACK USING SERIES 400 TRUNK CABLE.
- COMPACT COMPONENTS AND REMOTE SOURCING FREE UP SPACE AT MIX RISER.
- PROVIDES CIRCUIT-PROTECTED POWER OUTLETS FOR UP TO 12 DEVICES PER FOH BREAKOUT MODULE.
- PROVIDES 10 STANDARD DMX512 INPUTS AND TWO ETHERNET INPUTS.
- INCLUDES A BUILT-IN MENU DISPLAY FOR SELECTION AND CONTROL OF DMX512 UNIVERSES.
- THE FOH BREAKER MODULE PROVIDES TWO TRUNK OUTPUTS WITH EACH CIRCUIT PROTECTED BY AN INDIVIDUAL CIRCUIT BREAKER.
- A/B SWITCH PROVIDES AN EASY WAY TO SWITCH BETWEEN PRIMARY AND BACKUP CONSOLES.
- EASY INTEGRATION WITH EXISTING SERIES 400 POWER AND DATA SYSTEMS.

Series 400® Front of House System Component Specifications



FOH BREAKER MODULE

- (2) 45A 120/208V OUTPUTS
- (2) 100BASET ETHERNET OUTPUTS (1 PER TRUNK CONNECTION)
- (4) DMX512 OUTPUTS (2 PER TRUNK CONNECTION)
- FRONT PANEL FLUSH ROCKER CIRCUIT BREAKERS
- HOT-SWAPPING CAPABILITY
- SAFETY INTERLOCK WITH FOH BREAKOUT MODULES
- 5.25”(H) X 19”(W) X 18”(D)
- 17 LBS.



FOH BREAKOUT MODULE

- COMPONENT FEATURES
- (10) STANDARD DMX512 INPUTS
- (2) 100BASET ETHERNET INPUTS
- (6) EDISON STYLE 120V OUTLETS
- (6) NEUTRIK® 208V OUTLETS
- DIGITAL VOLTMETER WITH SELECTOR SWITCH
- SIGNAL ROUTING CONTROL & DISPLAY
- FRONT PANEL FLUSH ROCKER CIRCUIT BREAKERS
- SAFETY INTERLOCK WITH FOH BREAKER MODULE
- 6.9”(H) X 19”(W) X 7.2” (D)
- 11 LBS.



FOH A/B SWITCH

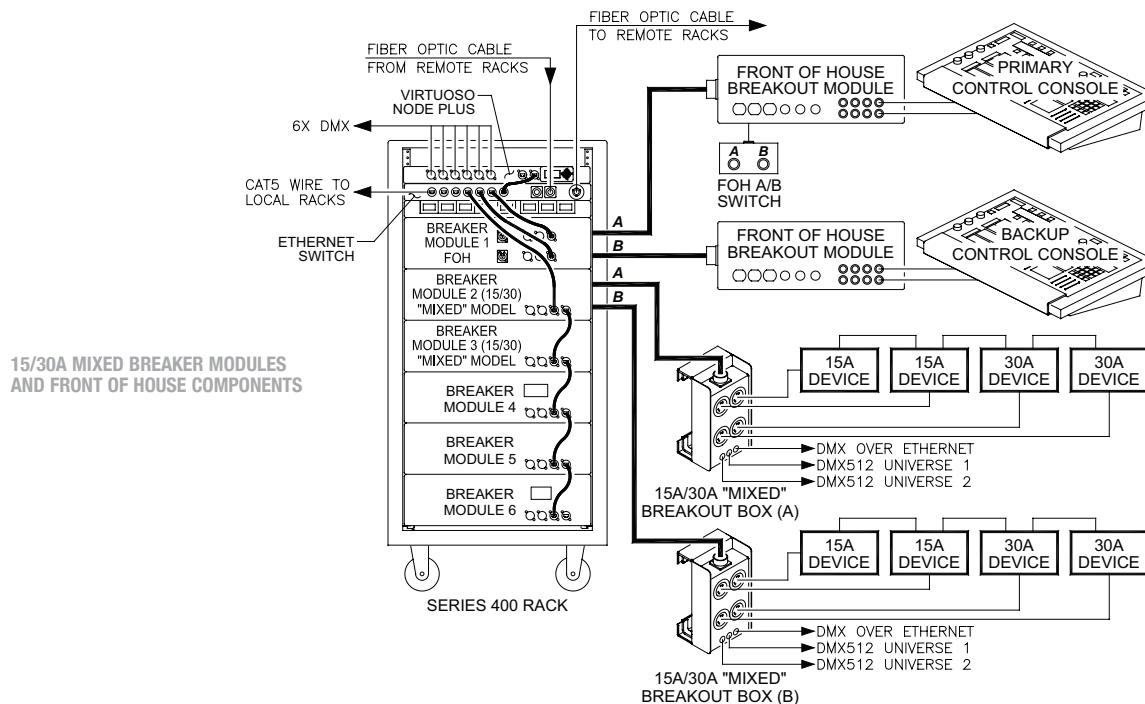
- XLR OUTPUT FOR CONNECTION TO FOH BREAKOUT MODULE
- (2) SOURCE SELECTOR SWITCHES
- 3” (H) X 6” (W) X 3” (D)
- 1 LBS.



TRUNK CABLE

- WORKS WITH ALL MODULE TYPES
- (12) AWG POWER CONDUCTORS
- REDUNDANT GROUND CIRCUITS
- INTEGRATED ETHERNET CABLE
- PROVEN INDUSTRIAL CONNECTOR & ENVIROTEC SHELL
- 7-YEAR LIFETIME CONSTRUCTION
- CONNECTS UP TO 500’ OF CABLE

Sample System Diagram



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