

# Advanced Output Modules

## Signal-Processing Output Modules

### ANS1R, CMP1R, PEQ1R, RIO1S *(Input Modules on Page 23)*

Bogen's plug-in signal-processing output modules automatically insert themselves into the mix bus signal path leading to the power amplifier stage when installed. Shipping weight: 1 lb. each.

#### RELAY INPUT/OUTPUT (RIO1S)



- Transformer-isolated, balanced line-level input
- 600-ohm or 10k jumper selectable input impedance
- 8-ohm, 750mW output
- Input and output level controls
- Relay responds to selectable priority level
- External control of priority muting
- N.O. or N.C. relay contacts
- Input can be muted from higher priority modules, with signal fade back
- Output can gate with relay priority level
- Screw terminal strips
- RJ11 connection with line output and dedicated N.O. relay contact



#### AMBIENT NOISE SENSOR (ANS1R)



- Maximum Gain control
- Ramp Speed control
- Activity Threshold control
- Ambient mic input threshold control
- Stereo Aux input (summed mono)
- Aux level input control
- Gradual fade back from mute
- Connect up to 4 sensor mics (1 included)
- Mutable input (lowest priority only)
- RCA connectors



ANS500M included

#### COMPRESSOR LIMITER (CMP1R)



- Compressor Ratio control
- Threshold control
- Make-up Gain control
- Bypass switch
- Unbalanced input
- Gradual fade back from mute
- Mutable input (lowest priority only)
- RCA connector

#### PARAMETRIC EQUALIZER (PEQ1R)



- 2 full parametric bands
- Frequency control
- 'Q' bandwidth control
- Gain control
- Bass and Treble control
- Unbalanced input
- Bypass switch
- Mutable input (lowest priority only)
- Gradual fade back from mute
- RCA connector

# Modular Amplifiers

## Wall-Mount Power Vector Amplifiers WV100, WV150, WV250



The Wall-Mount Power Vector Series combines up to 8 modular inputs and signal-processing outputs to meet various application requirements. The amplifier's convenient and efficient wall-mount design provides a protected and accessible audio system in a permanent and inconspicuous mounting.

#### Product Features:

- 100, 150, and 250 watt models; each with large power reserve
- 8 module input bays, accepts up to 2 signal-processing output modules and up to 8 input modules
- Wide selection of advanced input and signal-processing output modules
- Four priority levels between modules
- 4-ohm, 8-ohm, 25V, and 70V outputs
- Secure, permanent wall mounting (in-wall with BBF or surface-mount with BBS)
- 11-segment LED output level meter registers Peak or Average output
- Adjustable output level limiter with active indicator
- Front-mounted tape output provides unbalanced signal level output
- Independent volume controls for each input
- Motorized master volume control, with optional accessory RVCP for remote operation
- External mute control
- Bass and treble controls with center detent
- 125 Hz Lo-cut switch
- Tone control bypass switch
- Optionally installable front-mounted input combo jack with 1/4" stereo phone and female XLR capabilities for connection to user-supplied modules
- Thermal, short-circuit, and overload protection
- Thermally controlled 3-speed fan
- UL and CSA listed
- Components required for installation: Door (WMAD) and Back Box (BBF or BBS), both sold separately
- Modules required, but sold separately



RACK-MOUNTABLE  
Version  
on Page 22

Technical Specifications, Dimensions, and Weights can be found on Page 67

#### MODULES



Input Modules - Pg. 23  
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#### Accessories

RVCP  
Remote Volume  
Control Panel



#### Components

NOTE: These items are required for installation: BBF or BBS, and one WMAD.



BBF  
Flush-Mount  
Back Box



BBS  
Surface-Mount  
Back Box



WMAD  
Front Cover/  
Door