

The ACS-300 - Six Channel Audio Controller



The ACS-300, The Problem Solver...

Here are the problems. You need to mute six channels instead of two now that you have a 5.1 monitor system. Your air or control room staff never hears the page system because the monitor is turned up all the way. Maybe you have just installed one of those inexpensive mixers in your production studio and it has no provision for monitor muting. Now there is a solution to all of these problems, the ACS-300 Six Channel Audio Controller. The ACS-300 was created for today's multi channel audio monitoring requirements and more. Place the ACS-300 between the outputs of your multi-channel decoder and monitor amplifier system and have control of muting and dimming of all six channels simultaneously. The ACS-300 can also accept individual channel mute commands to mute channels by group such as stereo pairs or any combination of up to all six channels. Now you can control six channels or three studios with stereo monitor feeds. The ACS-300 was developed to handle the rigors of live radio and television production / control room applications where global control of a multi-channel monitor system is required. A simple contact closure will dim all six channels by 10, 20 or 30 dB so that paging and intercom systems can override a monitor system. Each channel has an individual mute command line in addition to the global mute. The ACS-300 can control up to three stereo monitor systems or six monaural monitor systems. Global dimming is still available for paging and intercom applications. The front panel is equipped with channel activity indicators and mute/dim status. Simply connect the ACS-300 rear panel remote control/status connector to your console or intercom system and it is ready to go. Simple ground closure for control is all that is required.

The ACS-300 has balanced input and output and can accept a -10, 0, or +4 dBm nominal input, jumper selectable. It provides a balanced +4 dBm output to drive a monitor system. Dimming level is jumper selectable for 10, 20, or 30 dB. The dimming function can be defeated on any channel if desired too.

With today's digital multi-channel audio environment, you've got enough problems to worry about. Controlling audio monitors shouldn't be one of them. Call us or visit our web site for applications information. Call your local broadcast equipment dealer for pricing and availability.



Broadcast Devices, Inc.

5 Crestview Avenue, Cortlandt Manor, NY 10567 Tel. (914) 737-5032 Fax (914) 736-6916
email: Sales@Broadcast-Devices.com Website: www.Broadcast-Devices.com

Rear Panel



Snapshot of Features:

Six channel global dim and mute
Dim level selectable 10, 20, or 30 dB of dim level
Individual mute or any combination of channels
Balanced I/O
Full remote control/status
Front panel activity indicators/status

Technical Specifications

Number of inputs:	6 - XLR Balanced
Number of outputs:	6 - XLR Balanced
Nominal input level:	-10, 0 or +4 dBm selectable any channel
Dim function:	All channels 10,20 or 30 dB level dimming
Mute function:	All channels or selective mute any channel
Mute isolation:	Better than 70 dB any channel any frequency
Front panel indicators	6 - Channel activity 2 - Status; mute/dim 3 - Power +/- 12VDC, 5 VDC
Frequency response:	+/- 0.1 dB from 20 Hertz to 20 KHz any channel
Total harmonic distortion:	Less than 0.05% @ 400 Hertz nominal input level
System noise:	Better than -70 dB from nominal input any channel
Remote control:	Maintained ground for dim or mute function
Status:	Active low TTL compatible
Physical dimensions:	19"W X 1.75"H X 10" D
Power requirements:	120V @ 0.25A/240V @ 0.125A 50 - 60 Hz
Environmental:	0 - 60 Degrees C. Non condensing atmosphere

Authorized Distributor: