

AUTOSWITCH™

AUDIO SWITCHER & SILENCE SENSOR

Product Description

AutoSwitch is a multi-purpose stereo audio switcher and silence sensor. It can be used to manually or automatically select between two stereo audio sources.

AutoSwitch can be used as a monitor-source switcher. When interfaced to a console's mic-tally logic it will sense when the control room mic is on, and switch from "off-air" audio to a local audio source, eliminating the "headphone echo" caused by digital audio processing.

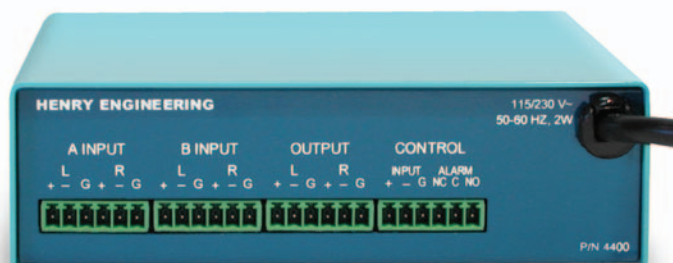
AutoSwitch can also be used to automatically switch to a "backup" audio source if the main source fails, loses a channel, or if the audio level drops below a pre-set threshold. Each of the two silence sensors (L & R) has adjustments for setting the silence threshold and delay time. If the main source level drops below the threshold for the time set, the silence sensor trips and the unit switches to the backup source. When the main source returns, the unit resets and switches back to the main source.

AutoSwitch has an Alarm relay output to activate an external alarm or other equipment. LEDs indicate which audio source is active, when either channel's audio is below the silence threshold, and when the silence sensor has tripped. The silence sensors can be disabled (for manual control), as can the Alarm relay (with automatic audio control still active). Electronic audio switching creates a smooth transition between sources. Gain trims are provided for precise adjustment of audio levels.

AutoSwitch uses plug-in euroblock connectors for audio and control interface. The unit is 1/3 rack width and can be rack-mounted with the optional rack-mount shelf, or cabinet or wall mounted using optional cabinet/wall mounting brackets. AutoSwitch is powered with a built-in AC power supply.



Front



Back

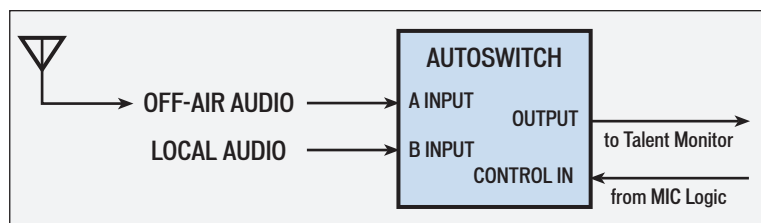
Technical Specifications

Input Level	-10 to +4 dBu
Input Impedance	10K ohms bal, 5K ohms unbal
Output Level	+4 dBu nominal, +24 dBu max
Output Impedance	600 ohms or higher per chan, bal
Gain	-6 to +6 dB
Frequency Response	DC-20 kHz, +/- 0.25 dB
Distortion	<.01% IM/THD
Noise	>90 dB below +4 dBu output
Manual Control Input	Maintained contact closure or 5-24 VDC
Silence Sense Level	10 to 40 dB below normal level
Alarm Time Delay	3 – 35 seconds in two ranges
Alarm Relay Output	Dry contacts, SPDT, 24 VDC, 1 A max.
Power Requirement	115/230 VAC, 50-60 Hz, 3W
Approval	City of Los Angeles Elect. Test Lab
Construction	Steel enclosure
Physical	5.75" w X 5.50" d X 1.60" h, 3 LBS

Technical specifications subject to change without notice.

Typical Applications

Monitor Source Switcher



Main/Backup Audio Switcher

