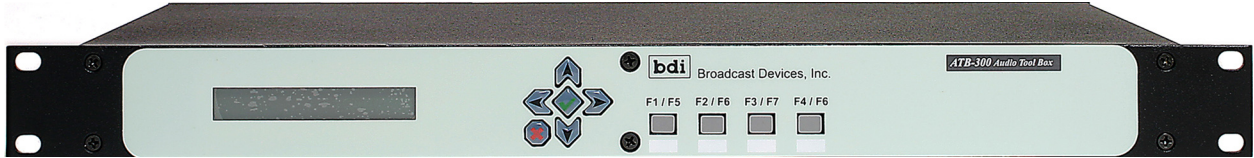


The ATB-300 Audio Toolbox Program Switcher/Router With Silence Sensor



The ATB-300 is an analog and digital audio switcher/router with features not found in other products:

Simple front panel menu programming of silence sense delay, priority channel, revert timeout - program up to 8 channels for secondary, tertiary, etc. sources.

Revert feature returns to primary channel when signal integrity is restored automatically

Programmable silence threshold

Proprietary "Silent Switch" feature for seamless switching between sources and synchronous AES switching creating no switching artifacts

Frame Rate Conversion on digital inputs

Programmable Alarm Contacts - Momentary for remote start of alternate source, maintained for remote control status

Fully Remote Control Ready

Power Fail Memory - Returns to last channel selected upon power up

Designed for program switching including that required at broadcast transmitter and studio sites, program transmission facilities, and recording facilities. Uses include transmitter audio switching, studio switching, satellite receiver switching and network switching. For use where a high degree of reliability of function is required. High quality construction throughout using modular architecture, all steel chassis and heavy duty power supply.

Standard configurations available:

Model Number	Description
ATB-300-1	Audio Tool Box 4- AES I/O
ATB-300-2	Audio Tool Box 4- AES I/O, 4 Analog L/R Balanced Input
ATB-300-3	Audio Tool Box 4- AES I/O, 4 Analog L/R Balanced Out
ATB-300-4	Audio Tool Box 4 - Analog Only L/R Balanced I/O
ATB-300-5	Audio Tool Box 4- AES I/O, 4 Analog L/R Balanced I/O
ATB-300-6	Audio Tool Box 8 - AES I/O



Broadcast Devices, Inc.

Tel. (914) 737-5032 Fax.. (914) 736-6916

Visit us on the web at: www.Broadcast-Devices.com

Technical Specifications

Digital	
Inputs:	AES3 Balanced
Outputs:	AES3 Balanced
Sample Rates:	8 - 48 KHz 24 bits throughout with sample rate conversion on all digital inputs
Connector Style:	DB-25 I/O - Compatible with Standard DB-25 to XLR Breakout Cables Available from BDI
Remote Control:	GPIO Interface momentary closure to ground or Optional Serial for manual channel selection - Remote enable/disable
Status:	Open Collector GPIO or Option Serial Interface, two additional form C relays available for audio loss alarm - programmable maintained or momentary closure for start of auxiliary audio sources
Analog	
Inputs:	Balanced +4/-10 dBm nominal - selectable
Outputs:	Balanced -20 dBFS /+4 dBm nominal - selectable - 4 or 8 depending on model
Frequency Response:	+/- 0.25 dB from 20 Hertz to 20 KHz
General	
Power Requirements	100 - 240 VAC 50 - 60 Hertz
Physical	19" W X 1.75: H X 10" D EIA Rack Standard
Environmental:	0-60 Degrees C Non Condensing Atmosphere

