



Atlas Digital BlueBridge®

BB-168AECDT



BB168AECDT Front



BB168AECDT Back

Overview

The BlueBridge® BB-168AECDT DSP audio processor with Acoustic Echo Cancellation and Dante™ is a powerful and flexible tool offering mission critical solutions to successfully satisfy your customers' teleconferencing and video conferencing needs. Engineered to strict standards with the highest quality internal components, BlueBridge® DSP solutions provide pure clean analog and digital audio, Ethernet connectivity for cost effective TCP/IP control and open architecture with Drag and Drop programmability. Atlas Sound offers the widest range of open architecture DSP platform I/O configurations of any manufacturer in the industry, all configured using the same software. The BlueBridge® AEC model with the Dante™ digital audio network chipset offers up to 16 channels of self-configuring, true plug-and-play digital audio over an Ethernet network providing the highest quality audio over existing network infrastructure.

Features

- Wide-Band Acoustic Echo Cancellation
- Dante™ Ethernet Based Digital Audio
- True Plug-and-Play Digital Audio Networking
- 16x8 I/O Configuration
- Open Architecture Programmability
- High Quality THAT® Corporation Mic Preamps
- Touch Panel Options Available
- TCP/IP Third Party Control Capability
- Four Logic Inputs & Outputs
- 48KHz, 40 Bit Floating DSP Engine
- Remote Control Using Optional Wall Plates
- Output Peak & Signal Indicator LEDs
- Safety Listed to UL60005

Product Description

The Atlas Sound BB-168AECDT model is part of the new BlueBridge® family of DSP products. The BB-168AECDT like the other BlueBridge® models has open architecture and drag and drop programming. The AEC model is offered with a 16x8 I/O configuration, all inputs and outputs are balanced, high quality THAT® Corporation microphone preamps and 24 Bit converters to obtain an ultra-low noise floor. BlueBridge® models use a 40 Bit Floating Point DSP engine to prevent digital clipping that can occur in other DSP products and to provide the processing power for complex systems. BlueBridge® DSP units can operate on an Ethernet network and the optional controls work on a PoE Network.

BlueBridge® software provided with each system is an intuitive program used to configure audio processing and control capabilities within the device. BlueBridge® DSP platforms offer all of the processing tools necessary for complex systems including; EQ's, anti-feedback EQ's, crossovers, delays, gain-sharing and gating auto-mixers, matrix mixers, standard mixers, filters, meters, generators, compressors, expanders, limiters, duckers, and an assortment of logic components to expand system control capabilities. BluePanel controls can be created in the BlueBridge® software to create control pages for easy system operation by untrained users. BluePanel software can be installed on Windows® computers for wireless remote control without consuming large amounts of storage space or slowing down a system.

The BlueBridge® BB-168AECDT with acoustic echo cancellation and Dante™ is a cost effective solution for the most demanding applications including video conferencing, teleconferencing, presentation rooms, conference rooms, courtrooms, and many other sound reinforcement and AV applications requiring remote conferencing capabilities.

©2013 Atlas Sound L.P. All rights reserved. Atlas Sound and Strategy Series are trademarks of Atlas Sound L.P. All other trademarks are the property of their respective owners. AT5004615 RevA 4/13