



broadcastvision entertainment

900MHz Audio
Transmitter
Model: AXS-900TXD



Online Service Manuals available at: www.broadcastvision.com

FCC Compliance Statement

This Class B digital apparatus complies with Canadian ICES-003.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

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Overview of Modes

The following user modes are selected by pushing the button labeled "MODE":

1. Frequency Mode – Allows user to select a broadcast frequency. This mode is indicated by a channel number in the display window. This mode also checks for the presence of an adequate input signal. When the device is not connected properly or the input volume is not sufficient, the left-most decimal point will be illuminated.
2. Input Level Mode – Adjusts the audio level into the AXS-900TXD Transmitter. This mode is indicated by a number 0 – 10 in the display window.

Select a Transmit Channel

1. Press the UP or DOWN buttons on the Transmitter until the desired channel is displayed.
 - For all new installations use the Broadcastvision Series II channel scheme.
 - For Broadcastvision SERIES II channels 1-32, set to channels between 1-32
 -----(use SERIES II for all new installations)-----
 - For Cardiotheater XTV channels 1-16, set to channels between 33-48
 - For Mye/Fantaay channels 1-16, set to channels between 49-64
 - For Cardiotheater LCS channels 1-16, set to channels between 65-80
 - For Broadcastvision Series I channels 1-16, set to channels between 81-96

OPTION TO ACCESS ADDITIONAL CHANNELS: Your AXS-900TXD has additional channels beyond those listed above. Specifically, press and hold the mode button for 5 seconds to choose from the series listed below:

- Series 1 – all 32 channels BVe Series 1
- Series 2 – all 32 channels of BVe series 2
- Series 3 – not utilized
- Series 4 – all 32 channels of Mye channel scheme
- Series 5 – all 23 channels of Cardiotheater – Australia
- Series 6 – all 16 channels of BVe – New Zealand
- Series 7 – 12 channels for test scheme
- Series 8 – all 52 channels of Cardiotheater LCS
- Series 9 – all 32 channels of Cardiotheater XTV

Note that the selection and other mode settings will be saved into the AXS-900TXD transmitter after the buttons have not been pressed for 2 minutes so that if a power outage is experienced the proper settings will be restored when power is restored.



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Connect the Transmitter to an Audio Source

1. Connect the audio source to the transmitter through one of the 3 audio input options:
 - A. Analog audio jack (RCA or headphone jack from LCD or satellite/cable box should be chosen as a first option when available)
 - B. Digital optical jack
 - C. Digital coax jackThe transmitter will automatically detect the input.
2. Adjust the LCD Volume to a mid-range or until the audio broadcast from the LCD provides the best sound quality. The LCD audio level to the AXS-900TXD Transmitter can also be adjusted by pressing the mode button to access the Input Level mode. This mode is indicated by a number 0-10 in the display window. Press the UP/DOWN buttons to adjust the input power level to the AXS-900TXD Transmitter until the audio broadcast provides the best sound quality.
3. Note that the left-most digit and left-most decimal point functions as a simple volume level meter. The left-most decimal point will light up when no audio is detected from the audio source (for example TV). The bottom segment will indicate lower than desired audio level. The bottom and middle level segments illuminated indicates a favorable audio setting. When all 3 audio segments are lit up, the input volume level is too high resulting in an overdriven condition.

NOTE: The AXS-900TXD Transmitter incorporates an Automatic Level Control feature which will automatically fine-tune the internal audio signal level for optimum performance after the initial setting (above) has been completed.

Troubleshooting Techniques

No audio getting to transmitter:

Note - This can be seen when there is a decimal point on the display in between the CH in the channels number (C.H 01).

- Check to make sure the transmitter is plugged into an **audio output** on the TV. If the connection is not labeled **audio output**, then it is an input and will not work for sending audio to the transmitter.

Transmitter sending a clicking noise to the receiver:

- The clicking noise is usually a result of the transmitter being connected with one of the two types of digital audio cables, fiber optic or digital coaxial. When connecting the transmitter with a digital cable, the source device must have Dolby Digital turned off. To fix this problem go into the menu of the source device and switch the digital output from Dolby Digital to PCM.



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Broadcastvision Entertainment Terms and Conditions

BVE Stock Items Returned for Credit

BVE manufactured products may only be returned for credit with written authorization from BVE within 30 days of the original invoice date. A 25% restocking fee will be charged for all returns. All products being returned to BVE require a Return Authorization number. Products must be returned in original condition with the original packaging, components and support material. Credit is contingent upon inspection of returned items.

Return Authorizations

A Return Authorization number must be issued from BVE prior to any item being returned for credit, repair or exchange. Items returned without approval will be refused and returned to the sender. Requests for a Return Authorization number may be made to our Customer Service Department at 1-888-330-4283.

Repairs and Replacements

A warranty repair of BVE manufactured product includes parts, labor and the return GROUND shipping to the customer. Repairs made while under warranty are covered for the duration of the valid warranty period. Non-Warranty repairs receive a "Repair Warranty" of 90 days parts and labor only. Warranties do not include on-site service. Advance Replacements of items in question may be arranged if the product is within 30 days of invoice date and is subject to product availability. Advance Replacements must be secured by the customer with a valid Credit Card or Net30 terms of an account in good standing.

Shipping

Shipping dates are estimates only. Products will be shipped per the designated Shipping Method. Paying for an accelerated Shipping Method only indicates the product will ship by that method when the product or repair is available. BVE will not be held responsible to accelerate shipping, discount invoices or compensate customers for loss of profits, business or goodwill due to back orders, shortages, shipping complications, damages, product malfunction, labor, construction, nature or delays.

Warranties

All products sold by BVE carry the original manufacturers' warranty. Warranty begins on the invoice date of purchase from BVE or an authorized BVE Dealer / Distributor. Warranty may alternately begin on the date of installation with a valid Installation Completion Form from an authorized BVE Dealer, Distributor or Installer. Warranties do not cover damage due to abuse, misuse, modification or the result of any third party. Warranties are not transferable and cover only the original purchaser with a valid invoice. Manufacturers will, at their option repair or replace equipment, as they deem necessary. Warranties do not include "on-site" service.

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