



ZvBox 150

HD video distribution over COAX

Get Going Guide



ZvBox 150 is an HD MPEG 2 Encoder and frequency agile QAM Modulator. It allows you to convert any HD video source, Component or RGB (VGA), in real-time and very high quality into an HDTV cable channel. This channel is placed onto standard COAX wiring, where it can be combined with up to 134 other HDTV channels and distributed over an entire premise.

This guide will take you through a typical installation procedure, and will have you broadcasting your own HDTV channel in less than 10 minutes. **For additional assistance** or more complex installations, please refer to the Zv Support page at www.zeevee.com, where you will find answers to frequently asked questions, and helpful tips from ZeeVee experts. If you still cannot find the answers you need, our technical support hotline at 877-5ZEEVEE (877-593-3833) is here to help.

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Unplug this apparatus during lightning storms or when unused for long periods of time.
12. Only use attachments/ accessories specified by the manufacturer.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

FCC Statement

FCC Compliance and Advisory Statement: This hardware 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. 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 or 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: 1) reorient or relocate the receiving antenna; 2) increase the separation between the equipment and the receiver; 3) connect the equipment to an outlet on a circuit different from that to which the receiver is connected; 4) consult the dealer or an experienced radio/TV technician for help. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Where shielded interface cables have been provided with the product or specified additional components or accessories elsewhere defined to be used with the installation of the product, they must be used in order to ensure compliance with FCC regulations.

What's in the Box



- ZvBox 150
- DC Power Supply
- VGA Cable
- USB Cable
- Coaxial Cables
- Coax Splitters
- Channel Filter
- Get Going Guide

Table of Contents

Getting Started.....	4-5
Back Panel	4
Basic Installation.....	5
Contact ZeeVee.....	6
Warranty	6
Specifications	7

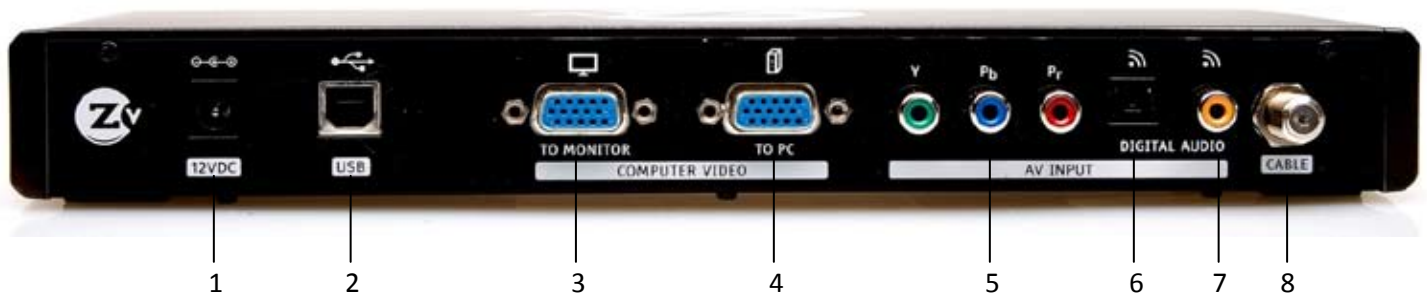
Getting Started

ZvBox 150 Front Panel



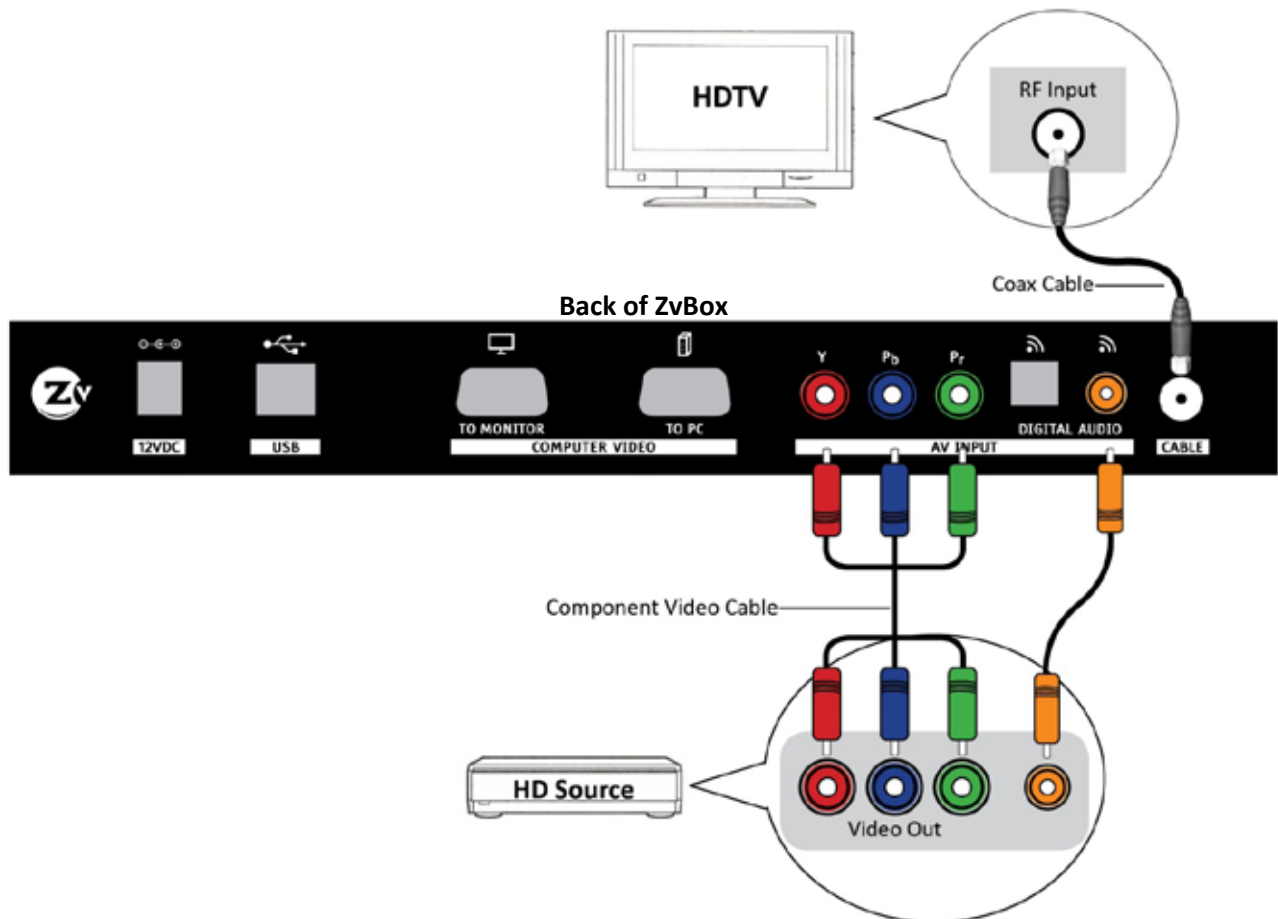
Item	Description	Function
LED /IR	Zv Status / IR in-out	Signals the activity of ZvBox 150 Acts as a window for receiving and emitting IR codes

ZvBox 150 Back Panel



Item	Description	Function
1	DC Power	DC power input, 12 volt
2	USB Audio/Control	Operates as USB audio device connection or control interface
3	VGA Loop Through	Looped output from VGA (RGB) input
4	VGA Input; HD-15 connector	Accepts standard VGA input
5	Component Video Input, RCA connectors, 75 ohm	RCA connectors, accepts component video input
6	SPDIF digital audio input, Toslink connector	Accepts digital audio input (PCM, or AC3)
7	SPDIF digital audio input, coaxial connector	Accepts digital audio input (PCM, or AC3)
8	Coax Output	Outputs encoded video as a well-formed QAM channel

Basic Installation



Factory default settings in the product allow ZvBox 150 to broadcast a component HD source with digital audio on channel 2.1, over coax cabling, for reception at connected HDTVs.

1. Plug ZvBox 150 power supply into AC outlet, and into DC input on Zv 150.
2. Connect Component Video output of HD source* to Component Video Input of ZvBox 150.
3. Connect coaxial digital audio output of HD source to coaxial digital audio input on ZvBox 150.**
4. Connect coaxial output of ZvBox 150 to HDTV RF Input.
5. Tune HDTV to channel 2.1 to view Zv channel.

Configuration and firmware updates are done via a software application called ZvCli. Visit www.zeevee.com/commercial/zvcli for a user manual and to download ZvCli.

For help with installing ZvBox onto a Coax network and using the **optional** channel filter, please see our Advanced Installation manual, found on the ZeeVee website: www.zeevee.com/commercial/documentation

*Make sure the source component's video output is set to 720p.

**Default audio input is SPDIF coaxial digital.

Contact ZeeVee

For support, repairs and warranty service: 877-5ZEEVEE (877-593-3833)

Warranty

Limited One Year Warranty

ZeeVee warrants your ZvBox 150 (ZV150-NA) against defects in materials and workmanship for a period of one year from the date of purchase.

Visit www.zeevee.com for complete warranty details.

To Get Warranty Service

Warranty service will be provided by ZeeVee. If you believe you need service for your ZvBox 150 (ZV150-NA), please contact ZeeVee directly by calling ZeeVee Support at (877) 593-3833. If it is determined that the product needs to be returned for service or exchange, you will receive a Return Material Authorization (“RMA”) number. Our agents will help you through the process through which you can return the product. ZeeVee is not responsible for Customer products received without an RMA number and may reject such products.

To Get Out-Of-Warranty Service

To obtain out-of-warranty service for your ZvBox 150 (ZV150-NA), please contact ZeeVee by calling ZeeVee Support at (877) 593-3833 for information on the possibility of and any costs for repair or replacement of out-of-warranty products. No agent, company, dealer, distributor, or person is authorized to change, modify, or extend the terms of these warranties in any manner.



This page left intentionally blank.



