ViewSonic VB50HRTV

ViewSonic ViewBox VB50HRTV TV Tuner Box User Manual

Model: VB50HRTV

1. INTRODUCTION

The ViewSonic ViewBox VB50HRTV is a TV tuner box designed to transform your LCD or CRT computer monitor into a fully functional television and multimedia display. This device allows you to connect various video sources, including cable TV, DVD players, VCRs, and video game consoles, to your monitor, providing a full-screen viewing experience without requiring a separate television set.

It features plug-and-play connectivity, eliminating the need for software drivers or internal computer installation. The VB50HRTV supports high-resolution display up to 1024 x 768 pixels with 24-bit color, enhancing your viewing experience for television, movies, and games.

2. SAFETY INFORMATION

- Ensure the device is placed on a stable, flat surface to prevent accidental falls.

- Do not expose the device to water, moisture, or extreme temperatures.

- Avoid blocking ventilation openings to prevent overheating.

- Use only the power adapter supplied with the device.

- Disconnect the power cord during lightning storms or when unused for extended periods.

- Do not attempt to open or service the device yourself. Refer all servicing to qualified personnel.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- ViewSonic ViewBox VB50HRTV TV Tuner Box

- Remote Control (28-key)

- Power Adapter

- VGA Cable

- Audio Cables
- S-Video Cable
- Composite (RCA) Video Cables

4. SETUP AND CONNECTIONS

The VB50HRTV is designed for easy plug-and-play installation. No software drivers are required.

1. **Connect Your Monitor:** Connect your computer monitor's VGA cable to the "RGB Output" port on the VB50HRTV.

2. **Connect Your Computer (Optional):** If you wish to use your computer with the same monitor, connect a VGA cable from your computer's video output to the "RGB Input" port on the VB50HRTV.

3. **Connect TV Signal:** Connect your cable TV coaxial line or antenna to the "RF Input" port on the VB50HRTV.

4. **Connect Audio:**
   - For computer audio pass-through, connect your computer's audio output to the "Audio In" port on the VB50HRTV.
   - Connect external speakers or headphones to the "Audio Out" port on the VB50HRTV.

5. **Connect External Devices (DVD, VCR, Game Console):**
   - For S-Video devices, connect the S-Video cable to the "S-Video In" port.
   - For Composite (RCA) devices, connect the yellow video cable to the "Video In" port and the red/white audio cables to the "Audio In" (RCA) ports.

6. **Connect Power:** Plug the supplied power adapter into the "DC In" port on the VB50HRTV and then into a power outlet.

Figure 1: The ViewSonic ViewBox VB50HRTV TV Tuner Box with its remote control and various connection cables. This image illustrates the compact design and the accessories included for setup.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press the **POWER** button on the remote control or on the front panel of the ViewBox to turn the unit on or off.

5.2 Input Source Selection

Use the **INPUT** button on the remote control to cycle through available input sources: TV, RGB (Computer), S-Video, and Composite Video. You can also use dedicated buttons if available on the remote.
When in RGB (Computer) mode, the ViewBox acts as a pass-through, allowing you to use your computer without turning the ViewBox off. You can switch back to TV or other video inputs at any time.

5.3 Channel Tuning (TV Mode)

The VB50HRTV automatically tunes all available TV broadcast and cable TV channels upon initial setup or when rescanning. Use the **CH+** and **CH-** buttons on the remote to change channels. You can also enter channel numbers directly using the numeric keypad.

5.4 Display Settings Adjustment

Access the On-Screen Display (OSD) menu using the **MENU** button on the remote control. From the OSD, you can adjust various picture settings:

- **Contrast:** Adjusts the difference between light and dark areas.
- **Brightness:** Controls the overall lightness or darkness of the image.
- **Color:** Adjusts the intensity of colors.
- **Hue:** Modifies the color tint (primarily for NTSC video sources).
- **Resolution:** Select from available resolutions: 640x480, 800x600, 852x480, and 1024x768. Optimal resolution depends on your monitor and source.

Use the arrow buttons on the remote to navigate the OSD menu and the **OK** or **ENTER** button to confirm selections.

5.5 Sleep Timer

The built-in sleep timer allows you to set a specific time after which the display will automatically shut off. Consult the OSD menu for sleep timer settings and adjustments.

6. MAINTENANCE

To ensure the longevity and optimal performance of your ViewBox VB50HRTV, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the exterior of the device with a soft, dry cloth. Do not use liquid cleaners, aerosols, or abrasive materials, as these can damage the finish or internal components.
- **Ventilation:** Ensure that the ventilation slots on the device are not obstructed. Proper airflow prevents overheating.
- **Storage:** If storing the device for an extended period, disconnect it from power and store it in a cool, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues with your ViewBox VB50HRTV, refer to the following common solutions:

- **No Power:**
  - Check if the power adapter is securely connected to the ViewBox and a working power outlet.
  - Verify the power outlet is functional by plugging in another device.

- **No Picture/Signal:**
  - Ensure all video cables (VGA, RF, S-Video, Composite) are securely connected to both the ViewBox and the source device/monitor.
  - Confirm the correct input source is selected on the ViewBox using the **INPUT** button.
  - Check your monitor's input selection to ensure it is set to the correct input connected to the ViewBox.
  - If in TV mode, perform a channel scan to ensure channels are detected.

- **Poor Picture Quality (Blurry, Muddy, Incorrect Colors):**
  - Adjust the Contrast, Brightness, Color, and Hue settings via the OSD menu.
  - Ensure the selected resolution on the ViewBox is compatible with your monitor and provides the best image quality (e.g., 1024x768).
  - Check the quality of your source signal (e.g., cable TV signal strength, DVD/VCR output).
  - Verify that video cables are not damaged or loosely connected.

- **No Sound:**
  - Check if audio cables are correctly connected from the source to the ViewBox and from the ViewBox to your speakers/headphones.
  - Ensure the volume is not muted or set too low on the ViewBox, your speakers, or the source device.

- **Remote Control Not Working:**
  - Replace the batteries in the remote control.
  - Ensure there are no obstructions between the remote and the ViewBox's IR receiver.

8. SPECIFICATIONS

Feature	Specification
Model Number	VB50HRTV
Product Dimensions	15.7 x 10.7 x 2.9 inches
Item Weight	3.95 pounds
Max Resolution	1024 x 768 (24-bit color)
Input Connections	RF (Coaxial), S-Video, Composite (RCA) Video, RGB (VGA) Input, Audio In (3.5mm & RCA)
Output Connections	RGB (VGA) Output, Audio Out (3.5mm)

Compatibility	CRT, LCD, Plasma, and Projection Displays
Features	28-key Remote Control, On-Screen Display (OSD), Automatic Channel Tuning, Sleep Timer, RGB Computer Pass-Through
Manufacturer	ViewSonic
Date First Available	November 15, 2001

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official ViewSonic website. Keep your proof of purchase for warranty claims.
Manufacturer: ViewSonic