

Zinwell ZAT-970A

Zinwell ZAT-970A Digital to Analog TV Converter Box User Manual

Model: ZAT-970A

1. INTRODUCTION

The Zinwell ZAT-970A is an ATSC Digital to Analog Converter Box designed to convert digital TV signals for viewing on analog television sets. It supports analog pass-through and offers various features to enhance your viewing experience.

This manual provides detailed instructions for setting up, operating, and maintaining your ZAT-970A converter box.



Figure 1: Zinwell ZAT-970A Digital to Analog TV Converter Box with Remote Control. The device is white and dark gray, with

the black remote control resting on its top surface. The remote features various buttons for power, channel, volume, menu, and recording functions.

2. SETUP

2.1. What's in the Box

Before you begin, ensure all components are present:

- ZAT-970A Receiver
- Power Supply
- RF Cable
- Remote Control with Batteries
- User's Manual

Your browser does not support the video tag.

Video: An unboxing demonstration of a similar digital converter box, showing the contents including the remote control, various cables (A/V, HDMI, USB-C), an IR receiver, and the converter box unit itself, along with documentation.

2.2. Connection Options

The ZAT-970A offers two primary connection methods to your television:

- **RF Antenna Input:** For televisions with a simple RF antenna input, connect your antenna to the ZAT-970A, then connect the ZAT-970A to your television. Select either channel three or four on your TV.
- **RCA Audio/Video Inputs:** If your television has RCA audio/video inputs (red, white, and yellow jacks), use these for a potentially better picture and stereo audio connection.

2.3. Initial Setup

After connecting the device and powering it on, you will be guided through a quick setup process:

1. **Language Selection:** Choose your preferred language (English, French, or Spanish).
2. **Time Zone:** Set your local time zone.
3. **Channel Scan:** The ZAT-970A will automatically scan for available digital channels. This process may take a few minutes.

3. OPERATING INSTRUCTIONS

The ZAT-970A provides several features for managing your television viewing.

Your browser does not support the video tag.

Video: A detailed guide on setting up various functions of a mini digital converter box, including wiring, channel search, real-time recording, EPG timed recording, renaming recordings, and managing favorite programs.

3.1. Channel Navigation

Use the remote control to navigate channels. You can add, skip, or set favorite channels to customize your programming options. The unit features an on-screen trilingual menu display for ease of use.

3.2. Aspect Ratio Selection

Select your preferred picture aspect ratio for either 4:3 or 16:9 TV screens, depending on your television set and the current broadcast content.

3.3. Parental Control

Manage viewing content with Parental Control features, which include V-Chip technology. You can utilize a downloadable Rating Region table and lock specific channels to ensure appropriate programming.

3.4. Sleeping Mode

The ZAT-970A includes a sleeping mode feature. The device will automatically turn off if no remote control button is pressed during a specified duration, contributing to energy efficiency.

4. MAINTENANCE

To ensure the longevity and optimal performance of your Zinwell ZAT-970A converter box, follow these general maintenance guidelines:

- Keep the device in a well-ventilated area to prevent overheating.
- Clean the exterior with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials.
- Ensure all cables are securely connected and free from damage.
- The ZAT-970A is Energy Star compliant, featuring an energy-efficient design.

5. TROUBLESHOOTING

If you encounter issues with your ZAT-970A, consider the following common troubleshooting steps:

5.1. No Signal or Poor Picture Quality

- **Antenna Position:** Adjust your antenna's position. The ZAT-970A's tuner is sensitive and can pick up weaker signals, but optimal antenna placement is crucial.
- **Channel Scan:** Perform a new channel scan to ensure all available channels are detected.
- **Signal Meter:** Utilize the signal meter feature (if available in the menu) to find the best antenna orientation for a reliable signal.

5.2. Audio/Video Sync Issues

If the audio and video become out of sync, especially with weaker signals, restarting the converter box may resolve the issue.

5.3. Remote Control Responsiveness

Ensure the remote control batteries are fresh and that there is a clear line of sight between the remote and the converter box's IR receiver.

6. SPECIFICATIONS

Feature	Description
RF Input Connections	Frequency Range: 57 ~ 803 MHz (CH2-CH69), Channel Bandwidth: 6 MHz, F-type connector
Digital Demodulation	Demodulation Type: ATSC A/53 compliance 8VSB demodulator, Performance: ATSC A/74 compliant
RF Output Connections	Channel Range: CH3 ~ CH4, Channel Switch Type: Slide Switch, F-type connector
Video Output Connections	HD/SD Decoding Capability: ATSC 18 mode detection and support, Aspect Ratio: 4:3 and 16:9 with letterbox Pan and Scan, Output Video: CVBS analog composite
Audio Output Connections	One pair of RCA jacks for stereo analog audio
Dimensions	6.9 x 5.3 x 1.3 inches
Weight	0.6 ounces
Power	Power Supply included
Compliance	Fully ATSC and MPEG-2 Digital compliant, Energy Star compliant





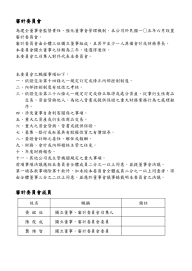
7. WARRANTY AND SUPPORT

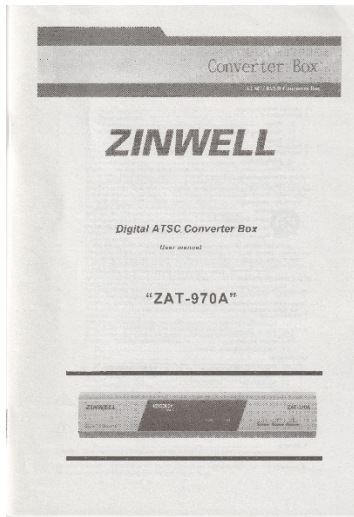
7.1. Legal Disclaimer

The product is provided "as-is." The lifespan of electronic devices can vary and is not guaranteed.

7.2. Product Support

For further assistance or technical support, please refer to the official Zinwell website or contact their customer service department. Keep your purchase receipt for warranty claims.

	<p>NextGen TV Box ZAT-600B Quick Start Guide</p> <p>Quick start guide for the Zinwell NextGen TV Box (ZAT-600B), covering package contents, installation, and remote control programming.</p>
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	<p>ZINWELL 2024 -</p> <p>ZINWELL 2024 (ESG)</p>
	<p>-</p>
	<p>ZINWELL Sustainability Report 2023 Corporate Social Responsibility & ESG</p> <p>Comprehensive Sustainability Report 2023 from ZINWELL (), detailing ESG initiatives, environmental impact, social responsibility, and corporate governance.</p>
	<p>Audit Committee Charter and Members - ZINWELL</p> <p>This document outlines the establishment, responsibilities, and members of the Audit Committee at ZINWELL, a company committed to enhancing corporate governance and oversight.</p>



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ATSC / 8VSB Converter Box ZINWELL Digital ATSC. Converter Box User manual
ZAT-970A DIGITAL ATSC /8VSB Converter Box ADO SMR LE NN O CARO O ha ex
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[\[pdf\]](#) User Manual Installation Guide Specifications Guide

ZAT 970A instruction manual July 18th 2012 owner Dpowfsufs!Cpy! ATSC 8VSB Converter Box Digital
User 4 3 2 Manual Scan Your receiver is equipped with a signal strength indicator to facilitate the
optimum adjustment of antenna MENU key should be pressed enter Main Menu To navigate in UP
DOWN keys used option will highlighted In scan mode press efto select your desired channels ANT IN TV
OUT R CH3 CH4 L Audio Video 60Hz 95~135VAC Receiver This page Setup Type between Quick and
Custom Default ³User can choose setup quickly or define following Installation 2799467090 B1le2fbcgaS
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Dpowfsufs Cpy ATSC / 8VSB Converter Box Digital ATSC Converter Box User
manual **ZAT-970A** TE.BUTD ATSC / 8VSB Converter Box 1. Important Safety
measures 2 2. Before
beginning

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lang:en score:17 filesize: 30.56 M page count: 456 document date: 2012-10-26

