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› [Zinwell ZAT-970A Digital to Analog TV Converter Box User Manual](#)

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>Quick Start Guide</p>	<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>
	<p>- 113 4 14</p> <p>113 4 14</p>
	<p>ZINWELL 2024 -</p> <p>ZINWELL 2024 (ESG)</p>
	<p>ZINWELL 2023 Sustainability Report 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>

Documents - Zinwell – ZAT-970A



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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 T ee use wns Gee MI A og nag A D DURE ang hk oo aed sana DUN 2 IA 3 P ON A E A A 4 REL a IS A EUA E dE tc cb ET A 3 O ae D A Min op ee IO...

lang:en **score:59** filesize: 10.91 M page_count: 70 document date: 2021-08-15



[\[pdf\] 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 images na ssl amazon G 01 00 27 99 46 70 I ecx

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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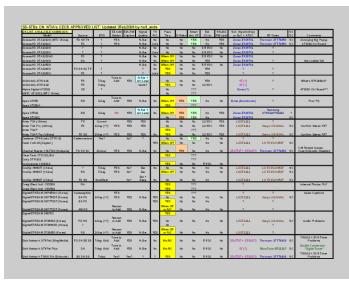


[pdf] User Manual Instructions Declaration of Conformity

Microsoft Word User Manual ZAT 970A IB0299499 0 20080529 doc D PM Admin APPENDIX 1 DTV Channel Table Information Solid Signal The lightning symbol in the triangle is used to alert you presence of dangerous voltage inside receiver that may be sufficient constitute a System operation through OSD Setup TV item page 6 user s manual * supports Analog Pass Through function Proceed select RF Output watch analog channels on your when STB power Then switch suitable input source and channel by z Object Entry To avoid electric shock never stick anything slots case or remove cover Water Exposure reduce risk fire do not expose rain moisture Keep tuner out reach children it fall causing injury damage zinwell zat970a manuals solidsignal 80

SAFETY INSTRUCTIONS Please review the following safety precautions. If this is the first time usin ... g items are included within your package. If any items missed or damaged, please call your dealer. **ZAT-970A** Receiver Remote Control with 2 AAA batteries RF cable This user s guide Power adaptor...

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[pdf] User Manual

holl ands SD STBs ON NTIA s CECB APPROVED LIST ImageEvent MicroTune MT2131 DC Oxford Digital ATS 00101 OUS YES Philco RTB100HH9 PrimeDTV PHD 096 User Manual Feature List mod 26Mar2010 xls photos imageevent files ota

SD-STBs ON NTIA s CECB APPROVED LIST: Updated 3Feb2009 by holl_and ON LIST, AVAILABLE NOW/SOON: E ... No No No No MicroTune MT2131 DC Zinwell ZAT-950A Taiwan Zinwell ZAT-970 Taiwan Zinwell **ZAT-970A** Taiwan YES AM Now/Next YES AM SS TV Now/Next YES YES YES No No No No No ...

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[pdf] Catalog

Parts Express 2015 Catalog Pg 42 parts express catalog

Home Audio / Video Cables Adapters CE Labs VG41DA 1 x 4 VGA Distribution Amplifier Converts off-air DTV signals to analog Zinwell **ZAT-970A** DTV Converter Box Supports analog pass-through Multilingual support Great for camping and RVs Remote control included Zinwell s full-featured **ZAT-970A** DT...

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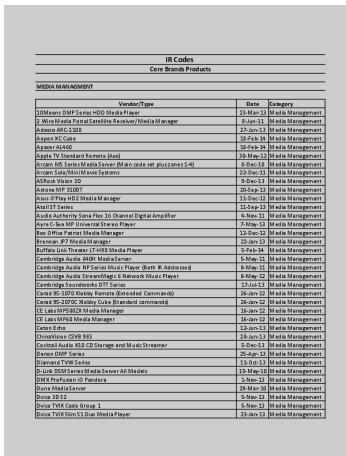
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Comprehensive IR Codes Database for Home Entertainment Devices

An extensive catalog of Infrared (IR) codes for a wide range of home entertainment devices, including media players, set-top boxes, CD players, DVD/Blu-ray players, tuners, iPod accessories, and gaming peripherals from numerous brands.

lang:en score:9 filesize: 132.69 K page_count: 31 document date: 2014-10-02