INSTALLING AND USING THE LOW-COST "ADTH NEXTGEN TV BOX" TUNER

by Francis Chao
fchao2@yahoo.com

Web location for this presentation:

http://aztcs.apcug.org
Click on
"Meeting Notes"

SUMMARY

The "ADTH NextGen TV Box" is the only over-the-air tuner that is less than $100 that can receive all three types of "ATSC" TV channels.

TOPICS

- Step 1: Procuring the "ATDH NextGen TV Box"

- Step 2: Installing it.

- Step 3: Using it.

"ATDH"

- **"ATDH"** stands for "Atlanta Direct To Home" which is an acronym for satellite TV receivers which the ATDH company used to manufacture.

STEP 1: PROCURE TUNER

- To purchase the "ADTH NextGen TV Box", you can go to https://adth.com/product/adth-nextgen-tv-box/
or
https://www.walmart.com/ip/ADTH-NextGen-TV-Box-Watch-Free-OTA-ATSC-3-0-1-0-in-4K-UHD-resolution/5297873740

STEP 1: PROCURE TUNER (continued)

- Warning: At the present time (April 2024), only one of ADTH's tuner models can receive all three types of ATSC signals--most of their other tuner models only receive "ATSC 1.0" (Type 1) channels

STEP 2: INSTALL TUNER

- Install the antenna in a window
- Install a RG6 coaxial cable from the antenna to the tuner box
- Connect the tuner box's HDMI port to the HDMI port on a computer monitor or a TV set
- Power up the tuner and scan for TV channels.

STEP 2: INSTALL TUNER (continued)

- Detailed step-by-step how-to documentation
is available at

- https://support.adth.com/en/support/solutions/folders/43000591677

TV BOX FOR ATSC 1.0 AND ATSC 3.0 NEXTGEN TV

TV Tuner: Both ATSC 1.0 and ATSC 3.0 NEXTGEN TV

Maximum Supported Resolution: 2160p (4K)

High Dynamic Range (HDR)

Dolby AC-4 Audio

STEP 2: INSTALL TUNER

DRM Support (Requires internet connection)

Wi-Fi: Dual Band 2.4G/5G 2T2R

Bluetooth 5.0
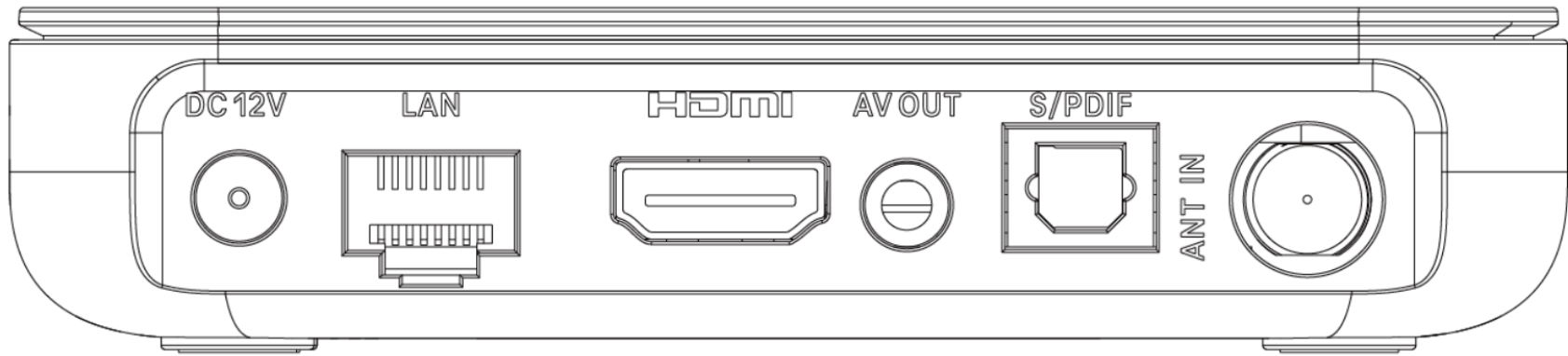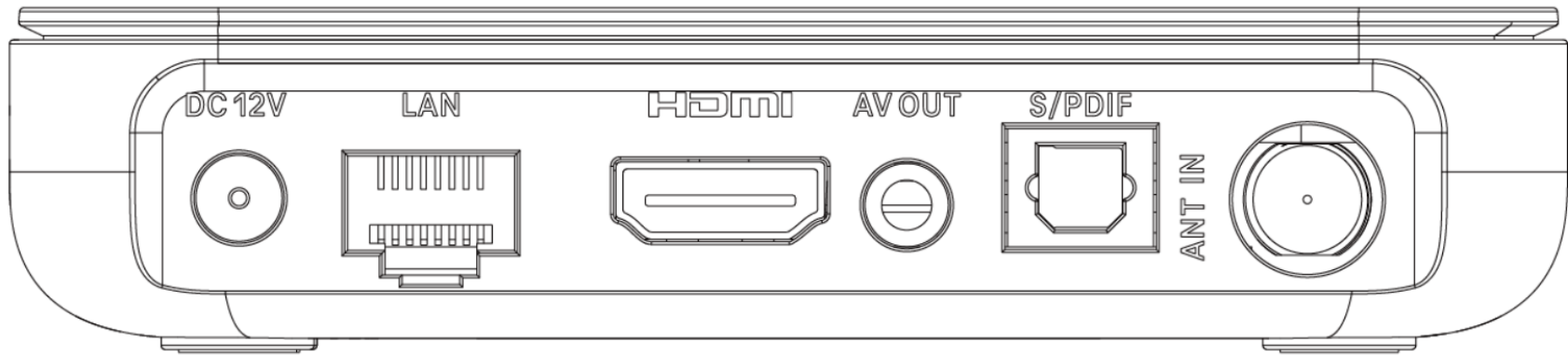
Remote Control Unit

Power Adapter

IN THE BOX

ADTH NEXTGEN TV Box

Get Started Guide

Remote control

AC power adapter

DC 12V   LAN   HƎMI   AV OUT   S/PDIF   ANT IN

DC 12V   LAN   HƎMI   AV OUT   S/PDIF   ANT IN

13

CONNECTIONS

DC 12V	Connect to included AC power adapter
LAN	Connect to an internet router. Also included are Dual Band Wi-Fi 2.4G/5G 2T2R and Bluetooth 5.0 (An Internet connection provides access to encrypted broadcast channels.)
HDMI	Connect to a TV or AV Receiver's HDMI port
AV OUT	Connect to a TV or AV Receiver's RCA composite ports
S/PDIF	Connect to an AV Receiver or external sound system for Dolby Digital Plus surround sound (when supported)
ANT IN	Connect to an antenna (rooftop is best) to receive ATSC 3.0 NEXTGEN TV and ATSC 1.0
USB (not pictured)	Connect to USB storage for offline Software Updates

VIDEO FEATURES

4K HDR Ready

Up to 4K playback at 60 FPS (AV1, VP9, H.265/HEVC, AVS2-P2)

Up to 4K playback at 30 FPS (H.264 AVC)

Up to 1080p playback at 60 FPS (MPEG-4, WMV/VC-1, AVS-P16(AVS+), MPEG-2, MPEG1, RealVideo 8/9/10)

15

AUDIO

Dolby Audio (Dolby Digital, Dolby Digital Plus)

Audio Support: MP3, AAC, WMA, RM, FLAC, Ogg and programmable with 7.1/5.1 down-mixing

STORAGE

Expandable via USB

WIRELESS

Wi-Fi 5 – 802.11 b/g/n/a/ac 2.4GHz/5GHz

Bluetooth 5.0

SOFTWARE UPDATES

Software updates directly from Atlanta DTH

OPTIONAL STEP 3: INSTALL AN OPTIONAL WINEGARD "BOOST XT" PRE-AMPLIFIER

- https://www.amazon.com/Winegard-LNA-200-Preamplifier-Antenna-Amplifier/dp/B00DQN3R9O/

OPTIONAL STEP 4: INSTALL AN AC POWER SWITCH FOR POWER-ON RESETS OF THE ADTH TUNER

- https://www.amazon.com/Coleman-Cable-Control-Extension-15-Foot/dp/B00004SQHV/