

U-003



Digital TV Tuner + Recorder

User's Guide for Model TVTR149B v2279-01

For the most up-to-date version of this User's Guide, go to www.gpx.com

Safety Instructions & Warnings

Important Safety Instructions

- Read these Instructions.
- Keep these Instructions.
- Heed all Warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 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 are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- 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.
- Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



FCC Warnings

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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 and 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:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Battery Warnings

- WARNING: Do not ingest battery, Chemical Burn Hazard.
- If the remote control supplied with this product contains a coin/button cell battery and the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
- Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.
- If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
- WARNING: There is a danger of explosion if you attempt to charge standard Alkaline batteries in the unit. Only use rechargeable NiMH batteries.
- Battery shall not be exposed to excessive heat such as sunshine, fire, or the like.
- Do not mix old and new batteries.
- Completely replace all old batteries with new ones.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (ni-cad, ni-mh, etc) batteries.
- Batteries should be recycled or disposed of as per state and local guidelines.

Additional Warnings and Precautions

- Use in well ventilated area with ambient temperature between 41°F~104°C (5°C~40°C).
- Do not block any ventilation openings.
- To prevent risk of overheating, place the tuner in an area that does not block ventilation, such as an enclosure or cabinet that might restrict airflow.
- Do not place the tuner on an unstable surface, such as a loose stack of books, bed, or cushion.
- Do not cover the tuner with a blanket, curtain, or similar.
- If setting up near a wall, leave at least 10 in. (25cm) between the wall and the tuner's ventilation ports.
- Use a power outlet that can be easily accessed and unplugged.
- When powering off the tuner, allow the cooling cycle to finish before handling or disconnecting the power supply.
- Do not use the tuner if it has been damaged. Damage could be (but not limited to):
 - Unit has been dropped or something has been dropped on it or into it.
 - Something is loose or rattling inside the unit.
 - Tuner has been exposed to rain or liquid.
 - Power supply or power cord is damaged.
- Do not use the tuner in places where flammable gases or explosives may be present.
- Do not use the tuner in the following conditions:
 - Extremely hot, cold, or humid environments
 - Environments with excessive amounts of dust and dirt in the atmosphere.
 - Near appliances generating a strong electromagnetic field or heat.
 - In direct sunlight.
- If the air vents become clogged or dirty, use a vacuum or air compressor and nozzle to clean. Do not use canned air, as the gas may leave a residue inside the enclosure.

- **CAUTION:** TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.
- Mains plug is used as disconnect device and it should remain readily operable during intended use. In order to disconnect the apparatus from the mains completely, the mains plug should be disconnected from the mains socket outlet completely.
- **CAUTION:** Use of controls or adjustments or performance of procedures other than those specified may result in hazardous radiation exposure.
- **WARNING:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- **WARNING:** Use of this unit near fluorescent lighting may cause interference regarding use of the remote. If the unit is displaying erratic behavior move away from any fluorescent lighting, as it may be the cause.
- **WARNING:** Shock hazard - Do Not Open.
- Caution and marking information is located at the rear or bottom of the apparatus.
- **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain, moisture, dripping, or splashing.
- Objects filled with liquids, such as vases, shall not be placed on the apparatus.
- Do not place any objects, heavy or otherwise, on the tuner.
- This product meets and complies with all Federal regulations.
- See tuner enclosure for related safety markings.
- No user serviceable parts inside, do not attempt to open the unit or perform any repair. Doing so may cause damage or injury, and will void your warranty.
- Refer all repairs or replacement to qualified service personnel.
- Stop using the tuner and unplug the power source immediately if you notice the following:
 - Smoke coming from the unit or power supply.
 - Strange odors or noises coming from the unit.
 - Liquid or foreign objects have gotten inside the unit.
 - Unit has been dropped and enclosure has been damaged.



WARNING: To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts.



WARNING : This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Table of Contents

Overview

Features - 5

Includes - 5

Overview

Front - 6

Rear - 7

Remote

Functions - 8

Batteries - 8

Setup

Power - 9

Connecting Cable/TV Antenna to the Tuner - 9

HDMI - 10

Audio/Video Input & Output - 11

External Audio - 12

USB Storage Devices - 12

Using the Tuner

1. Initial Setup - 13

2. Channel Search - 13

3. Channels Saved - 14

4. Recording TV - 14

5. Playing Recorded TV - 15

Customer Support

Contact Information - 16

Warranty - 16

International Support - 16

Overview

Features

- Supports 480p, 720p, 1080i, 1080p
- Native Resolution: 720 x 480/1080p HDMI
- Aspect Ratio: 16:9, 4:3 LB
- Outputs: HDMI, AV, Component video, RCA stereo
- USB port for media play and recording storage

Includes

- Remote control: requires 2 AAA batteries (NOT Included)
- RCA audio/video cable
- AC/DC power adapter
- User's Guide

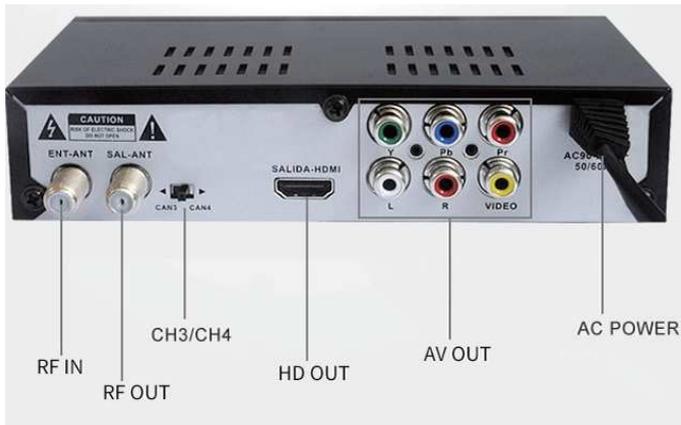
Overview

Front



- | | |
|----------------|-------------------|
| 1. Volume | 5. Power On/Off |
| 2. Mode/Source | 6. USB Media Port |
| 3. Channel | 7. Remote Sensor |
| 4. OK/Select | |

Rear



1. **TV Antenna Input & Output**
2. **Coaxial AV Output**
3. **HDMI Output**
4. **Component (YPbPr) Video Output**
5. **Composite (Y) Video Output**
6. **RCA (R/W) Audio Output**
7. **DC Power Input**

Remote

Functions

POWER

Press to power ON.
Press and hold to power OFF.

ZOOM

Press to zoom display image in or out.

TV / RADIO

Select TV or Radio source.

MUTE

Press to turn mute on or off.

INFO

Display channel information.

TIMER

Set a recording schedule for specific times and channels.

CC

Turn closed captioning on or off.

FAV

Press to view saved channels list.

GO TO

Press, then use the number keypad to enter specific track numbers or time stamp during playback. Press **OK** when ready.

EPG

Press to view Electronic Program Guide.

MENU

Press to browse Settings and other menu options.

ARROWS/OK

Change the volume level and channels. Make selections and navigate menus.

EXIT

Close menus and return to TV.

LIST

Display the channel list.

HDMI

Change display resolution.

RECALL

Go to the previous channel.

○

Enter a space between numbers. For example, if entering channel "4-1," press the **○** button for the "-".

◀◀ REV / FWD ▶▶

Press to search through an individual chapter or track.

◀◀ PREVIOUS / NEXT ▶▶

Press to skip between chapters or tracks.

▶ PLAY

Press to play media.

|| PAUSE

Press to pause media.

■ STOP

Press to stop playback.

■ RECORD

Press to start or stop recording TV.

REPEAT

Press to repeat playback.

USB

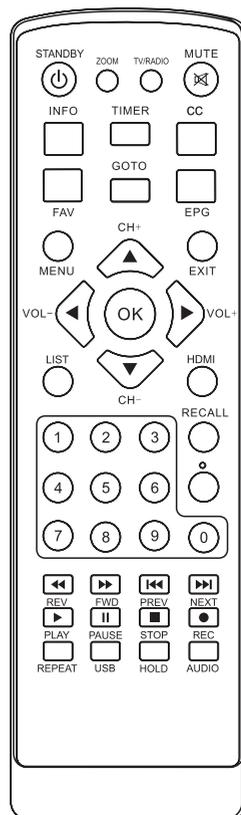
Press to access USB play options.

HOLD

In USB play, press to enter full screen view.

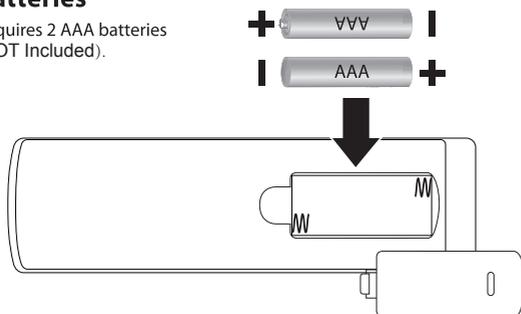
AUDIO

Press to access audio options.



Batteries

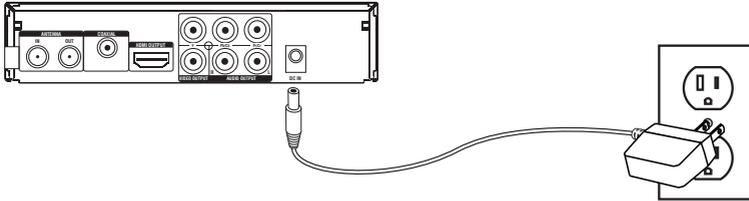
Requires 2 AAA batteries (NOT Included).



Setup

Power

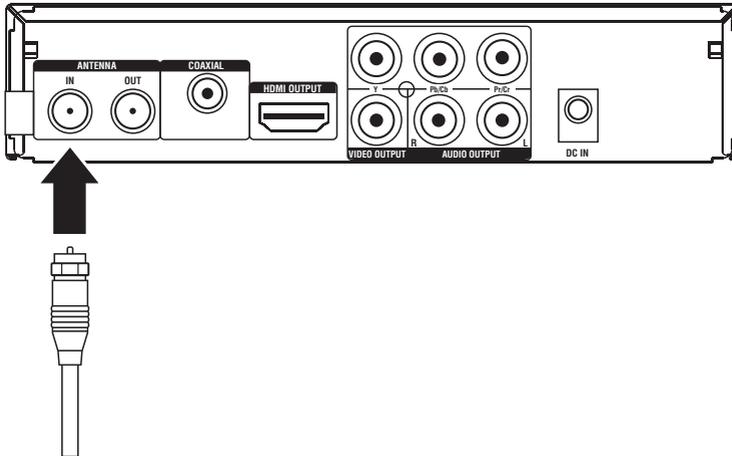
Plug the AC/DC power adapter (included) into a standard wall outlet and into the DC power input on the rear of the unit. After connecting the power, please allow approximately 5 seconds to pass before powering the unit ON.



Connecting Cable/TV Antenna to the Tuner

To watch television through the tuner, it must be connected to a cable TV or TV antenna cable (not included).

1. Connect the **cable TV or TV antenna** cable to the input on the tuner. The tuner will then need to be connected to a TV or other display using video and audio cables. See the following pages for details.



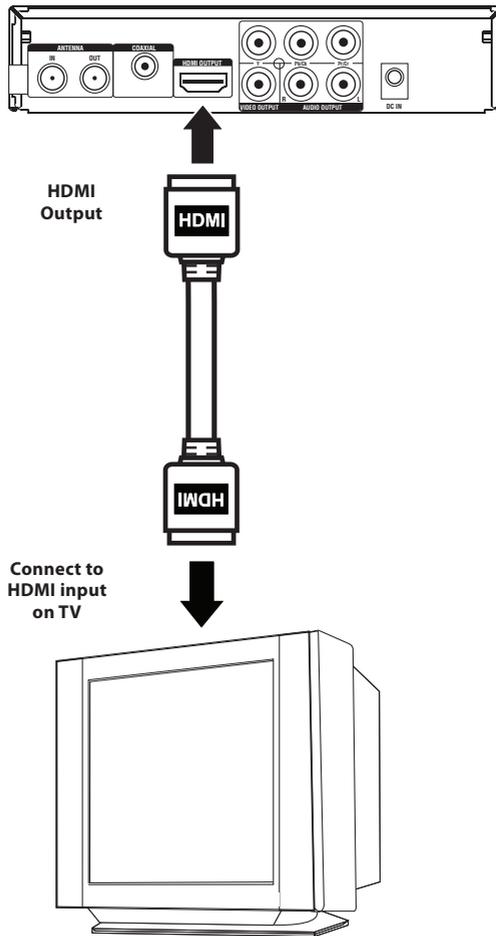
Connecting to Other Devices

HDMI

HDMI offers superior sound and picture quality, and is the easiest way to send media from the tuner to your TV or other display with an HDMI input.

Requires an HDMI cable (not included) and a TV or display with an HDMI input.

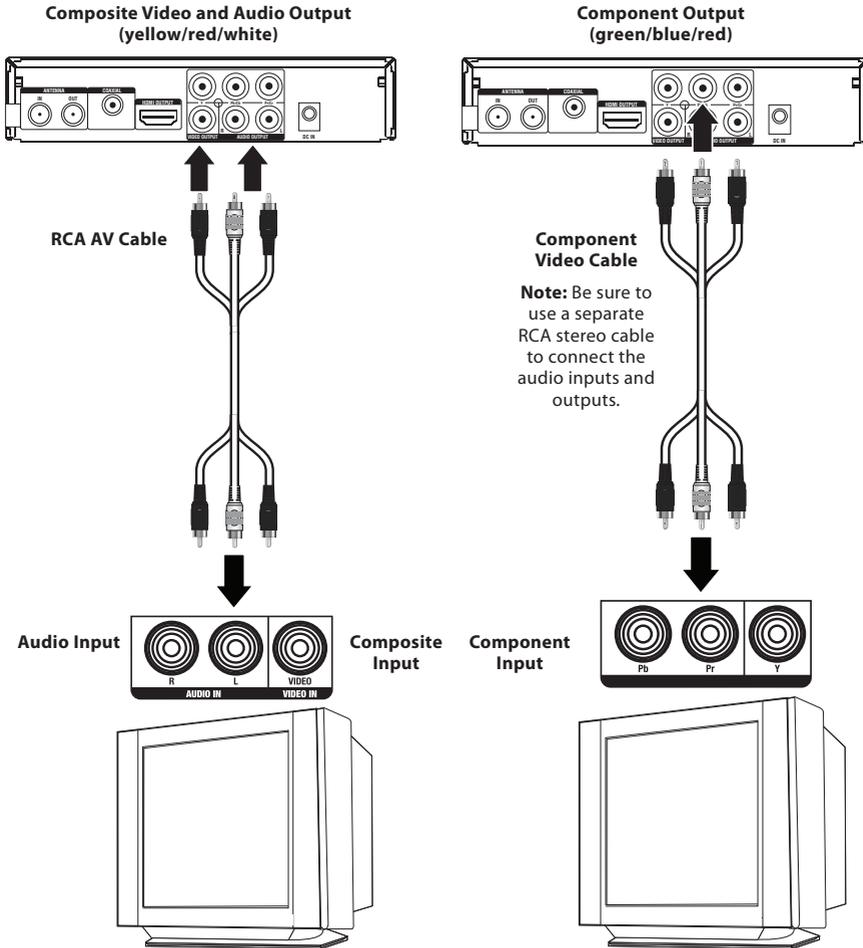
1. Using an HDMI cable, connect the **HDMI output** on the tuner to the **HDMI input** on your TV.
2. Set the TV's **Source** to the **connected HDMI input** and use the tuner remote to select and play media.



Audio/Video Input & Output

Requires an RCA audio/video (yellow/red/white) cable (included), or a component video cable (green/blue/red) and a RCA stereo (red/white) cable (not included).

1. Using an RCA audio/video cable, connect the **audio/video output** on the tuner to the **audio/video input** on your TV.
2. Set the TV's **Source** to the **connected AV input** and use the tuner remote to select and play media.



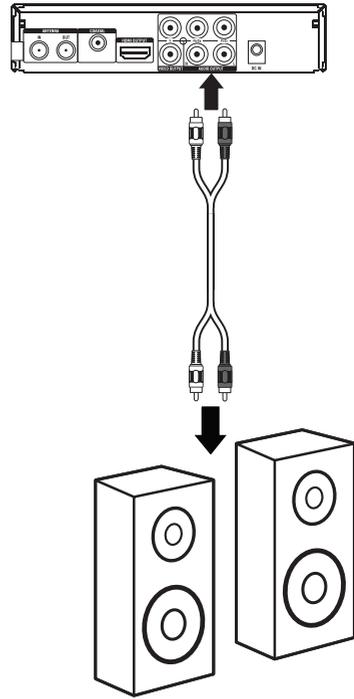
Connecting to Other Devices

External Audio

Requires an RCA stereo audio cable (included RCA AV cable can be used).

Note: Speakers must have their own power supply.

1. Using a 3.5mm to RCA stereo cable (included), connect the external powered speakers to the **audio output** on the tuner. *Note: The yellow video plug is not used in this setup and will not need to be connected.*
2. The tuner will send audio signal to the speakers.



USB Storage Devices

Note: To record TV, a USB drive is required (not included).

Supports AVI, MOV, JPEG, and MP3 file formats.

1. Connect a USB drive to the **USB Port** on the tuner.
2. Press **USB** on the remote to access the USB drive.
3. Use the **Arrow/OK** buttons to select **Music/Photo/Movie/PVR**.
4. Use the **Arrow/OK** buttons to select files to play.

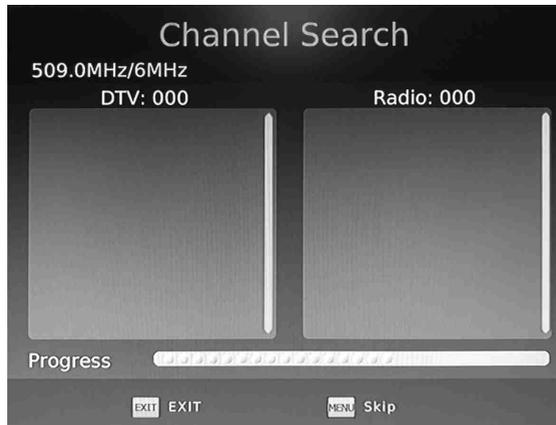


Using the Tuner



1. Initial Setup

1. After connecting the tuner to your TV, power on the TV and the tuner. The tuner will then display the above options to configure the device.
2. Use the **Arrow/OK** buttons to select your preferred language and country.
3. When finished, proceed to the Channel Search.



2. Channel Search

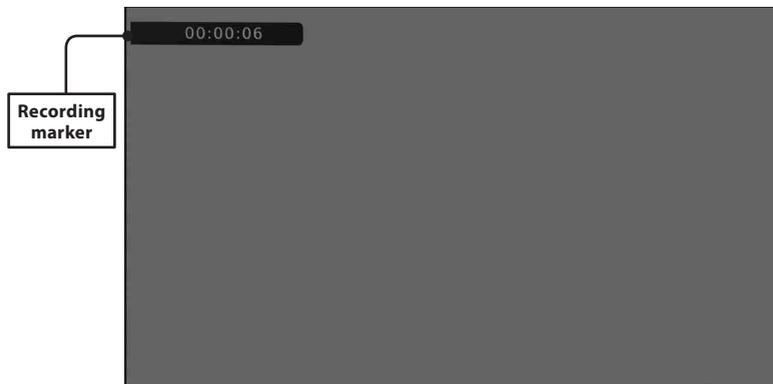
1. The tuner will scan for available TV channels and automatically save them to memory. This process may take several minutes. Please allow the tuner to finish searching before proceeding.

Using the Tuner



3. Channels Saved

1. When finished, the tuner will display all saved channels available to view.
2. Use the **Arrow/OK** buttons to select a channel. You can also use the **Channel +/-** buttons to switch to different channels, or press the **List** button on the remote to access the channels list at any time.



4. Recording TV

Note: To record TV, you must have a USB drive connected to the tuner. USB drive not included.

1. Select the channel you wish to record, then press the **Record** button on the remote to start recording. A marker will appear in the top left corner of the screen.
2. To stop recording, press the **Stop** button on the remote and use the **Arrow/OK** buttons to confirm.



5. Playing Recorded TV

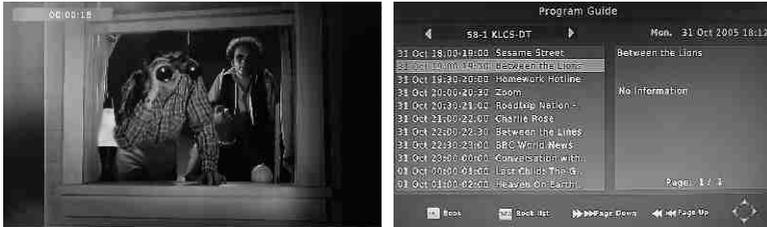
Note: The following steps also work for playing Music, Photos, and Movies via USB.

1. Press the **USB** button on the remote.
2. Use the **Arrow/OK** buttons to select PVR.
3. Use the **Arrow/OK** buttons to find and play the recorded selection. While playing, press the **HOLD** (yellow) button on the remote to enter full screen mode. Use the controls on the remote to play, pause, and skip media.

PVR (TV Recording)

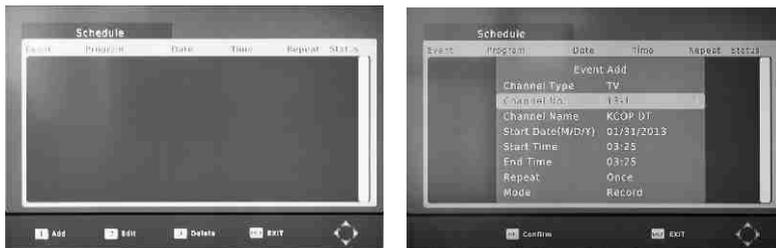
Recording

-> Press the remote's "REC" key to enter the recording status, and press the "Stop" key when you finish the recording.



2. Programmed Time Recording

- Option 1:** Simply press "TIMER" key on the remote to go to Programmed Time Record menu.
- Option 2:** Press the "EPG" key enter the TV program interface, and then press the "Enter" key to enter into the Programmed Time Record menu, Press the number key "1" to enter it



- > Select the desired channel, key in the date & time to start recording and the time to end recording, press "OK" to confirm then EXIT to go back to previous screen.
- > The recorded video will be saved into your external USB drive or Hard drive in PVR file format. The user can remove/edit/delete the video as you like. Press the remote's "HOLD" key, you will enter the "Full Screen" status. Play/stop/last/next/fast forward/fast backward/repeat can be done on the remote.



Customer Support

Channel Search

Step 1: Check the cable connections

Make sure all the cables are connected correctly as Connection Diagram

Step 2: Channel Search

Power on, then the TV screen shows the Starting Logo, and there are 3 options: "Select Language", "Select Country", "Search Channel".

After you select language and country that you want, and select "Search Channel" to start channel search.

PVR Function

Realtime Recording:



Programmed time Recording:

Method 1



Method 2



Contact Information

Warrantyand Technical Support Email : Exyift@126.com

Appendix

Troubleshooting

If you have difficulty with your digital TV set-top receiver, there are several possibilities you should investigate before calling for a service technician.

Problem	Possible Causes	What To Do
The display on the front panel does not light up	Power cord is not connected	Check that the power cord is plugged into power socket
No sound and no picture	The receiver is under standby	Press POWER key on the front panel to switch to operation mode
No signal when selecting channels	The antenna is disconnected	Check antenna connection
	Program parameters are set incorrectly	Set correct parameters
Picture only ,but no sound	Audio cable is not connected securely	Connect it securely
	System in MUTE mode	Press MUTE key on the RCU to restore volume
	Volume is set to minimum	Increase the volume to suitable level
	Audio setting parameter is wrong	Please go to Audio Setting menu, select proper audio mode and proper audio language
Sound only, but no picture	Video cable is not connected securely	Connect the video cable securely
	The current channel is in radio mode	Normal
Video and audio mismatch or abnormal sound	Audio channel is not set correctly	Select proper Audio channel
Picture is still or mosaic phenomenon	Signal is too weak	Check to make sure that the signal cord has been connected tightly
Remote control unit does not work	RCU is not aimed at the sensor on the front panel	Aim at the sensor on the front panel
	Not enough power in the battery of the remote control	Change battery

CAUTION: If the problems are still unsolved after you're done all of these. Do not disassemble the STB yourself! Please contract the dealer, or a trained personnel for assistance.