

AI Tech

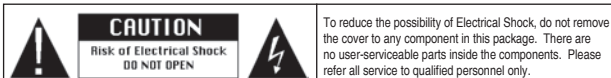
Vision for Net Media

Wireless Cable TV
CATV2400PLUS
SMARTV

Easy Set-up
and
User Manual



Safety



WARNING: To prevent fire or electrical shock hazard, do not expose the units to rain or moisture.

Safety Terms and Symbols:

WARNING: Warning statements identify conditions or practices that could result in injury or loss of life.

CAUTION: Caution statements identify conditions or practices that could result in damage to this product or other property.

DANGER: To reduce the possibility of electrical shock, do not remove the cover to this product.

Important Safety Instructions:

- All of the safety, set-up and operating instructions should be read before the product is operated.
- The safety and operating instructions should be retained for future reference.
- All warnings on the product and in the operating instructions should be adhered to.
- All operating and use instructions should be followed.
- Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- Do not use attachments not recommended by the products manufacturer if they may cause hazards.
- Do not use this product near water - for example, near a bath tub, wash bowl, kitchen sink, or laundry tub. Never spill liquid of any kind on this product.
- Any mounting of the product should follow the manufacturer's instructions and should use a mounting accessory recommended by the manufacturer.
- This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type or power supply to your home, consult your product dealer or local Power Company. For products intended to operate from battery power, or other sources, refer to the operating instructions.

10. Power supply cord should be routed so that they are not likely to be walked on or pinched by items placed upon or against them.

11. For added protection for this product during a lightning storm, or if it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the cable system. This will prevent damage to the product due to lightning and power line surges.

12. Never push objects of any kind into this product through the openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock.

13. Do not overload wall outlets with extension cords or integral convenience receptacles as this can result in a risk of fire or electric shock.

14. Unplug this product from the wall outlet and refer servicing to qualified services personnel under the following conditions:

- When the power supply cord or plug is damaged.
- If liquid has been spilled, or objects have fallen into the products.
- If the product does not operate normally by following the operation instructions, adjust only those controls that are covered by the operating manual as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore this product to its normal operation.
- If the products have been dropped or damaged in any way.
- When the product exhibits a distinct change in performance -- this indicates a need for service.

15. When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

16. Upon completion of any service or repair to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

17. The product should be situated from heat sources such as radiators, heat registers, stoves, or other products including amplifiers that produce heat.

FCC

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

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

Specifications:

Transmitter

Frequency: 2400MHz-2483MHz
Sender Power: 10dBm
Channels: 4 - 2414,2432,2450,2468MHz
Frequency Stability: +100KHz
Video Input Level: 1 Vp-p
Audio Input Level: 1 Vp-p
Supply Voltage: 9-12V, 700mA or up
Antenna: Flat antenna
Dimension: 5"Dx2"Wx7"5H
Operating Temperature: -10C-+60C

Receiver

Frequency: 2400MHz-2483MHz
Sensitivity: -90dBm
Channels: 4 - 2414,2432,2450,2468MHz
L.O. Stability: +100KHz
Video Input Level: 1 Vp-p
Audio Input Level: 1 Vp-p
Supply Voltage: 9-12V, 300mA or up
Antenna: Flat antenna
Dimension: 5"Dx2"Wx7"5H
Operating Temperature: -10C-+60C

Congratulations

Congratulations on your purchase of the AI Tech Wireless Cable TVs System. This product combines easy set-up, ease of use and convenience for your wireless cable TVs viewing experience. Whether you need a TV in your kitchen, garage, back porch or a room without a cable connection, the AI Tech Wireless Cable TVs system will provide you with years of Wireless Cable TVs enjoyment.

For assistance using or connecting your AI Tech Wireless Cable TVs System, visit <http://www.aitech.com/troubleshooting>. If you have an immediate need for assistance, please call and ask for technical support at 408-991-9699.

For an easy and quick set-up of your new AI Tech product, follow the instructions on the following pages.

We sincerely hope you enjoy your new AI Tech Wireless Cable TVs System.

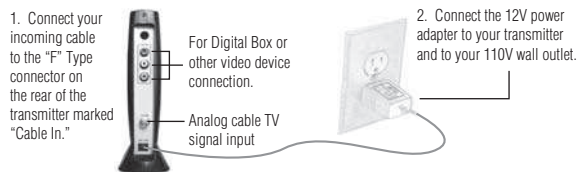
QUICK SET-UP

1 Start Here Setting up the Transmitter

Unpack your equipment and locate your Power Adapters, the Transmitter and your RF cables.

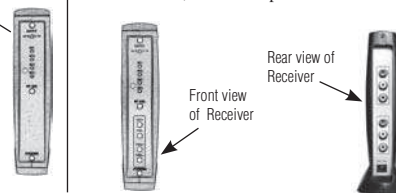


2 Place your transmitter to the closest cable drop to the remote TV. (NOTE: If you plan to also connect your Digital Cable Box, you must locate the transmitter close to your Digital Box.)



3 Turn on the Transmitter by pressing the power button at the bottom of the transmitter.

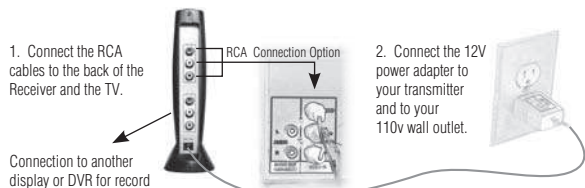
Your Transmitter is Now Ready



4 Setting up the Receiver

Unpack your equipment and locate your Receiver, Power Adapter and Cables.

- 5** Place your receiver close to the remote TV. We have supplied 2 options for connections to your remote TV; Through the Antenna Connection or through the Composite video Input. Choose one: **DO NOT USE BOTH!**



- 6** 3. Turn on the Receiver by pressing the power button at bottom of the receiver.

Your Receiver is Now Ready

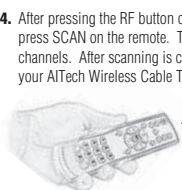


7 Operation

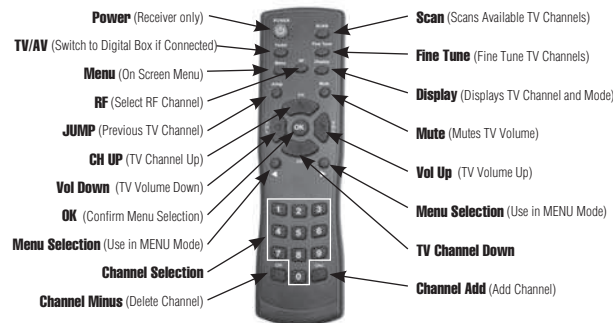
1. Install the batteries into the remote control.
2. Point the remote at the Receiver and push the RF button on the remote to allow the Transmitter and Receiver to synchronize. (The TX and RX should now be on the same RF channel)



- 8** 4. After pressing the RF button on the remote to select the cleanest channel, press SCAN on the remote. The system will now scan all of the available channels. After scanning is complete, you are ready to watch TV using your AITech Wireless Cable TVs system.



Remote Control

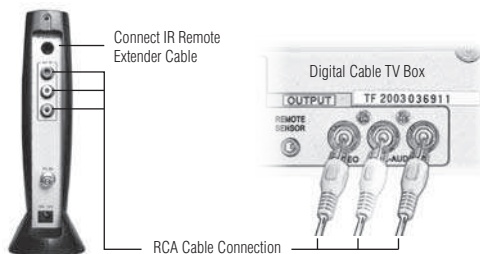


Advanced Setup

- 1** Follow the instructions from title 1 to title 4. After completing the set-up on title 7 through 11, you are ready for advanced set-up. Advanced set-up is for those customers that want the added value of being able to watch their digital channels and controlling the digital box from the remote location. **Note: When watching the digital channels, they will not be independent.**

1. Connect a set of RCA cables from the output of the digital box (from your cable provider) to the RCA input on the back of the transmitter.
2. Connect the IR extender cable to the rear of the transmitter. Locate the opposite end of the cable in front of the IR receptor of your digital box.
3. Select the TV/AV button on your remote control. This will switch the coaxial input to the RCA input. You are now seeing the digital channel.
4. To change the digital channels (all functions of your digital box) use the remote that came with your digital box. Simply point your digital box remote at the receiver. **SET-UP 3**

Advanced Set-Up Illustration

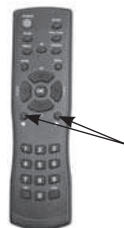


Multiple Applications

The Wireless Cable TVs Systems are designed to be used in applications where more than one system is needed. There are two different applications and a solution for each.

1. If you have two or more locations where a wireless TV solution is needed and those locations are not used simultaneously, then all you need is one complete system and multiple receivers. All receivers will display the same channel.
2. If you have two or more locations where a wireless TV solution is needed and those locations are used simultaneously, then you will need complete systems to keep all wireless systems completely independent.

Note: Each system comes with 4 RF channels. When using multiple systems for independent applications, the systems must be on different RF channels and **you must turn "Synchronization" OFF** in the on screen menu.

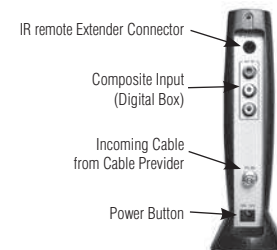
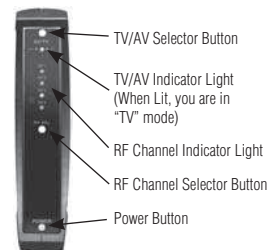


Turning Synchronization OFF

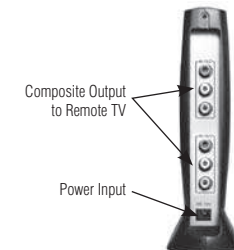
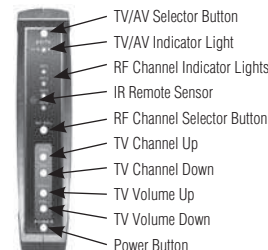
1. Select MENU on the remote
2. Use the CH Down button to move down to the Synchronization area.
3. Use the small arrow buttons under the Ch Down button to move the selection.
4. When finished, select OK on the remote.

Features

Transmitter



Receiver



Troubleshooting

Why does my remote control not change the channels?

1. The Wireless Cable TVs has built in synchronization. If the TX and the RX have not synchronized, the remote control will not work the Channel function. And pls do above firstly
 - a) Pull up flexible antenna
 - b) Used RF splitter. Don't connected to " RF out " (Because some cable supplier will carrier electrical power inside. This is another type interfere for us.)

To test for synchronization, set the RF channel on the transmitter and receiver to channel 4. If you connections are correct, you should see a TV picture

Once you have a picture, point the remote control at the receiver and press the RF button. The RF channel should change to RF 1 and the Picture should follow. If you lose the picture, they are not synchronized and the remote will not work.

Put the receiver back on RF channel 4 so that you see your picture.

Now, go to the transmitter room and move the transmitter one way or the other. By moving the transmitter, this allows the receiver try and synchronize. You may have to change the position of the transmitter several times to gain synchronization. Once you find the right position for the transmitter, leave it in that position.

If you still have problems getting the remote control to work, try moving the transmitter to a different cable drop if available.

Why am I not getting a picture?

1. Make sure both units are on the same RF Channel (1,2,3 or 4)
2. Make sure that if you are using the system in TV mode, that the top light on both units are ON
3. If you connected the remote TV using coaxial cable, make sure your TV is ON and is on Channel 3
4. Make sure you follow the instructions on page 8 of the owners manual when connecting your transmitter to your incoming cable..

AITech
Vision for Net Media

AITech International Headquarters
1288 Kifer Rd., Suite 203
Sunnyvale, CA 97086
Tel: 408.991.9699 Fax: 408.991.9691
Web site: www.AITech.com