



CATV2400 Wireless Cable TV Kit

Patent Pending



Set-Up and User Manual

Patent Pending (Utility and Design)



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1. Transmitter (1) W/ Antenna
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FEATURES:

1. Watch Cable TV on a remote TV, Computer or other CRT device in any room or even outside your home within 300'
2. Transmits CATV (Cable TV) signals or signals from other video devices such as Cameras, DVD Player, VCD, VCR, Satellite Receiver.
3. Transmit range is about 250' indoors (Estimate)
4. Built-in 433MHz and IR remote gives commands over the transmitter and receiver separately.
5. Encoded 433MHz remote avoids interference caused by other 433 products.
6. Memory functions enables the devices to remain on the last used TV channel.

NOTE: Monitor should have RCA input (Composit)

7. FCC/CE Approval

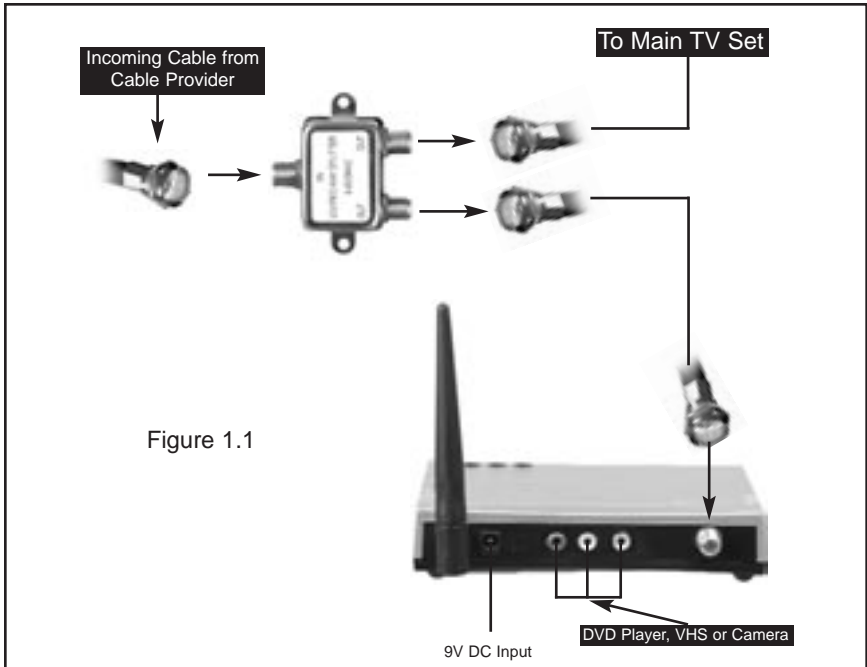
SPECIFICATIONS:

Transmitter:

Frequency:	2400-2483MHz
Transmitting Power	0dBm(FCC) 10dBm(CE)
No. of Channels	4 (2410,2430,2450,2470)
Video In/Out	Cable, Air TV, Composit
Video System	NTSC or PAL or SECAM
Remote	433MHz
Power Consumption	DC9V, 500mA
Operating Temperature	-10C-50C
Weight	260g
Dimensions (WHD)	152x125x35 (mm)

RECEIVER:

Frequency	2400-2483MHz
No. of Channels	4 (2410,2430,2450,2470)
Video Out	Composit
Remote	433MHz
Video Output Level	1 Vp-p
Power Consumption	DC9V, 500mA
Operating Temperature	-10C-50C
Weight	140g
Dimensions (WHD)	117x85x42 (mm)



Installing the Transmitter

1. Locate the incoming cable from your cable provider.
2. Connect the incoming cable to the splitter as shown in figure 1.1
3. Connect the supplied CATV cable to the splitter and transmitter as shown in figure 1.1
4. Connect the other CATV cable to the splitter and to your main TV set as shown in figure 1.1
5. (Option) Connect a DVD Player, VCR or camera to the RCA cables on the rear of the transmitter.
6. Plug in the DC power adapter to the input connector on the rear of the transmitter and the other end into the house power outlet.
7. Press the "PWR" button on the transmitter or use the remote. The LED light should light up when turned on.
8. To get the best transmission quality, place the transmitter in a favorable place with the antenna straight up.



Only perform the following if your remote is not working or if you want to use multiple CATV2400 systems.

Remote Control Setup

1. Make sure the batteries are installed correctly.
 2. Make sure the transmitter is ON.
 3. Press and HOLD FUNC button on the remote. DO NOT release it.
 4. While holding the FUNC button, press a number key (1~9) to store a new encoded address.
 5. Release both buttons.
 6. Disconnect the power from the Transmitter. Reconnect the power to the Transmitter (Do Not Turn the Transmitter on)
 6. Press any key on the remote immediately following Reconnection of Power cable of the transmitter. (Within 5 Seconds)
- Your remote is now programmed to your wireless transmitter. Try by using the remote to turn the power on.

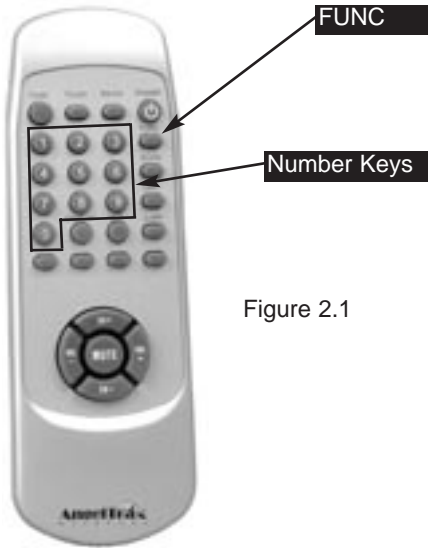


Figure 2.1

Remote Control Function



Power	Power On/Off the transmitter
TX. CH	Switch 2.4GHz transmitting channels of Tx
RX. CH	Switch 2.4GHz receiving channels of Rx
TV/AV	Switches TV and Video input on transmitter
FUNC*	Sets up a new encoded address of the remote
SCAN	Automatically scans all TV channels
CH + -	Adds or deletes TV channels
CH+/CH-	Switches TV channels in sequence
VOL+/VOL-	Turns up or down the output volume
MUTE	Silent
DISPALY	Shows OSD status
JUMP	Turns back to the previous TV channel
MTS	Bilingual system
0-9	Selects a TV channel directly by pressing number keys

Receiver Setup

1. Locate the receiver near the remote TV, computer or any CRT you plan to use.
2. Plug in power supply to rear of unit and to wall outlet.
3. Connect receiver to TV / Computer A/V input using RCA cables (Supplied). TV / Computer must have Composite Video input.
4. Select the TV to AV mode.
5. Select the corresponding wireless channel on the receiver. This should match the channel selected on the transmitter.
6. Adjust the antenna to face the direction of the transmitter.



You should be receiving video from the transmitter. Use your remote to make channel selection.

Receiver



9V DC Input

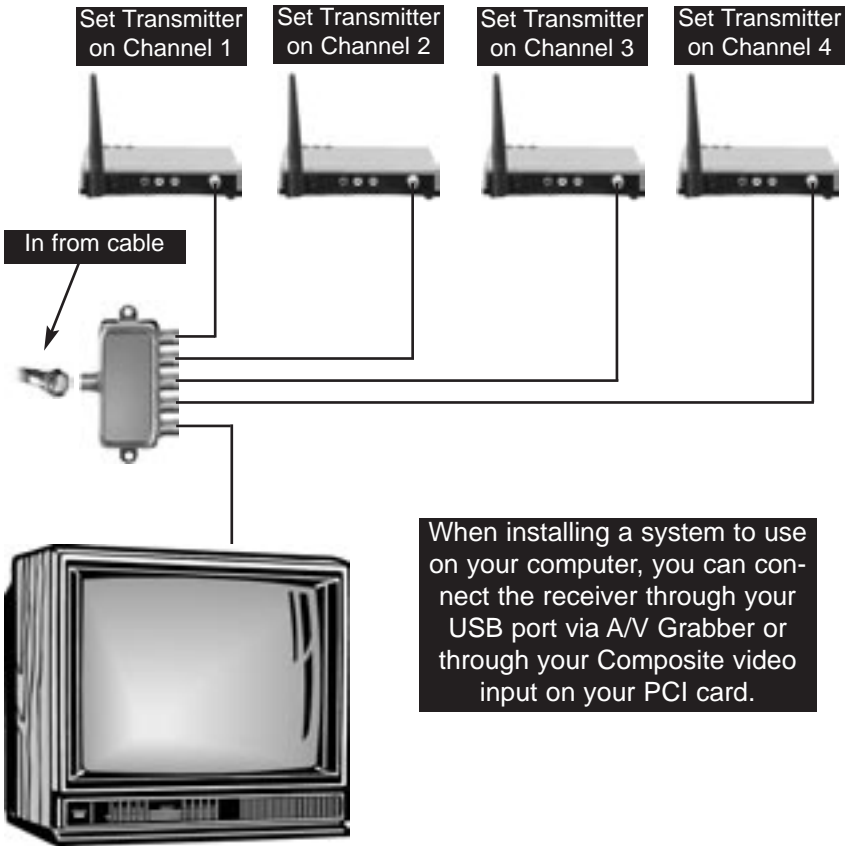


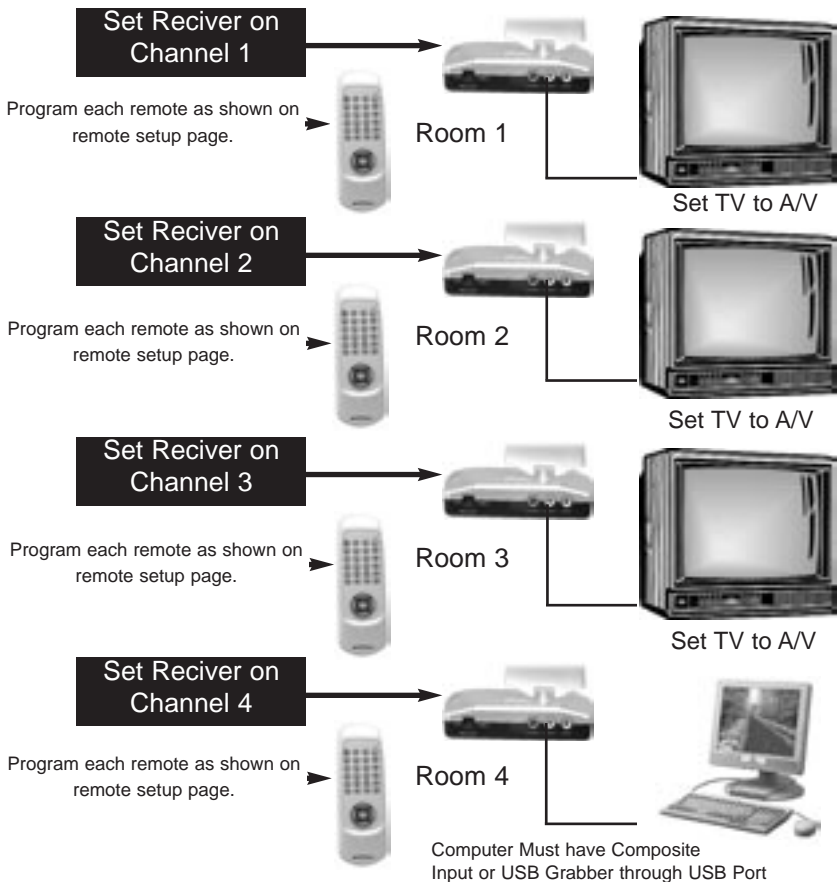
TV set with Composit Video, Computer with USB and A/V Grabber or Computer with A/V Capture Card with Composit A/V Input



Multiple System Setup

In many cases you may have a need for multiple cable TV solutions. We have made this very simple by allowing you to program each remote specifically for each individual transmitter. Just follow the instructions on the Remote Setup page. Make sure you select a different number key on the remote for each transmitter. Also make sure that only one transmitter is on at the time you program it.





Installing the Batteries

The remote uses 2 AAA alkaline batteries for power. We recommend using high-quality batteries.

1. Remove the battery compartment door by pressing the tab allowing to door to be removed.
2. Install 2 AAA alkaline batteries (included) into the battery compartment. Be certain to follow the + and - symbols in the compartment. Installing the batteries incorrectly will prevent the unit from operating.
3. Put the battery compartment door back on.

Battery Safety Precautions

1. Do not burn, disassemble, mutilate, or puncture. Like other batteries of this type, toxic materials could be released which can cause injury.
2. To reduce the risk of fire or personal injury, use only the battery listed in the user manual.
3. Keep batteries out of the reach of children.

Trouble Shooting

Please read this user manual carefully before using the Wireless CATV Box. If you still have difficulties using this product, please consult the following, which will help you solve most common problems.

No picture or sound

- Check and make sure the DC adapters are connected correctly.
- Check and make sure all cables are connected correctly
- Make Sure the transmitter is turned on by remote or tact switch.
- Make sure the transmitter is NOT out of range. If so, the transmitter or the receiver needs to be relocated.

Interference in picture or sound

- Check if there is any interference radio frequency source near your place such as microwave oven and cordless phone.
- Check if there is any other 2.4GHz wireless product working near your place such as WLAN, Bluetooth wireless products. If so, switch to a new transmission channel.

Signal loss (no response) in remote control

- Check if the batteries are well and installed correctly.
- Check if the encoded address of the transmitter and the remote is matched.
- Check if there is interference with the remote.

To set up the encoded address of the remote, please follow the instructions on page 3 of this manual.

Warranty

This warranty gives you specific legal rights that vary from state to state. IVS, Inc. warrants this product to be free from defects in material and workmanship under normal use and service for a period of one (1) year from the date of original purchase. The terms and conditions of said warrant are as follows:

1. The date of purchase and proof of an AngelTrax Authorized Dealer must be established by original sales receipt which must accompany the unit being returned for warranty service.
2. Item must be returned to the factory in the original carton or equivalent freight PPD. If unit is received with S/N removed or defaced, warranty is void.
3. This warranty shall not apply to any unit that has been used for a purpose for which it was not designed or any unit that has been altered in any way. Evidence indicating that the unit was not properly used will void warranty.
4. AngelTrax Wireless does not authorize any other persons to assume liability in connection with it's products. This warranty is the only express warranty made by IVS, Inc. to this product. Any implied warranty or merchantability or fitness for a particular purpose applicable to IVS's, Inc. products is limited in duration to the duration of this limited warranty. Some states or provinces do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts. Therefore the above limitations may not apply.
5. In the unlikely event that warranty becomes necessary, contact your local AngelTrax Authorized Dealer for assistance with the return and repair of your product. If an authorized dealer is not available, contact us at 1-800-673-1788 to obtain an RMA# and instructions.
6. Warranty is valid in USA only

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