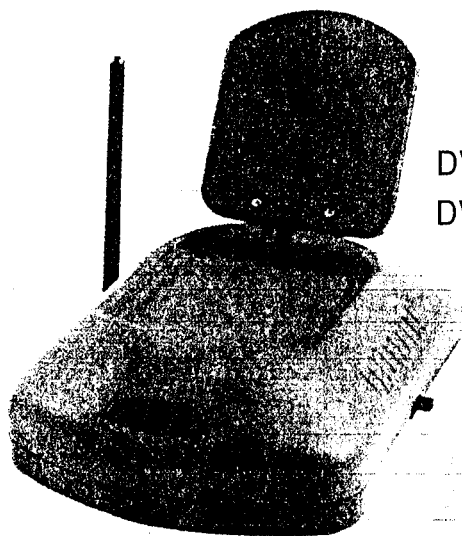


2.4GHz Wireless Audio / Video Sender

無線影音收 / 發機

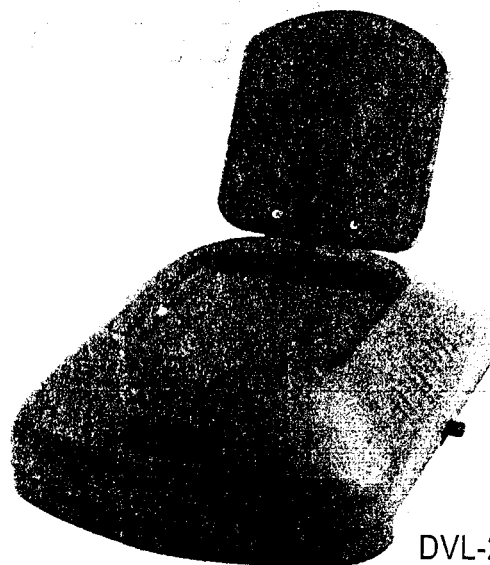
使用手冊

User's manual



DVL-1000T

DVL-1001T



DVL-2000R

DVL-2001R



DIGICOM CORPORATION
鼎新科技股份有限公司

QTK 2000-F045

FCC ID: 03GDVL2001R

PERIODIC TX 439 MHz

PART 15C / SECTION 15.231

FCC Compliance Statement

This equipment has been tested and found to comply with 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 residential installations. 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 interference to radio or television equipment 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
- Move the equipment away from the receiver
- Plug the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/television technician for additional suggestions

Only equipment certified to comply with Class B should be attached to this equipment to continuing compliance with FCC emission limit, and must have shielded interface cables.

You are cautioned that any change or modifications to the equipment not expressly approved by the party responsible for compliance could void your authority to operate such equipment.

Caution:

1. Please do not tear apart the device's components to avoid electric shock.
2. Please do not connect our device with other power over - loading electric products to avoid wire burning and short circuit.
3. Our device is suitable with the adaptor, which equipped (built-in) with DC12V.
4. Any further questions please contact with our engineers.

Liability:

Our products have already met the authority regulation (requirements) of the wireless audio/video transmitter and receiver device. We therefore, suggest you may contact with your local organization or your law consultant regarding our products correct usage or related applications in order to reach the local government requirements. We (Digicom Corp.) do not responsible for anybody or any party mistakenly or illegally use our products at any conditions or any environments.

Warranty:

We warrant this product for half year from the original purchase date against any workmanship or defects in material. This warranty shall and should not apply if the products have been damaged due to misuse, misapplication, abuse, accident or other modification not approved by "Digicom Corp". We will replace or repair defect products within warranty period.

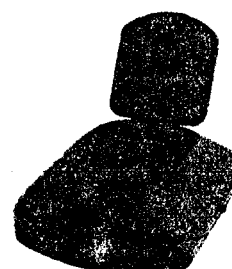
Packaged List

Please check the following elements in the box before you install this set of device.

1. One transmitter or one receiver :
Transmits or receives 2.4GHz wireless A/V signal.

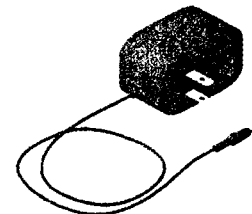


(for reference)

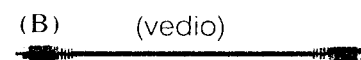
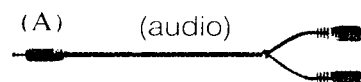


(for reference)

2. One power adaptors.



3. Two piece of cable A/V cable (one set) please see the right hand side demo.(A)&(B) one of each.



4. One piece of "IR Extender Sensor"(option)
(suitable for DVL-1001T/DVL-2001R)



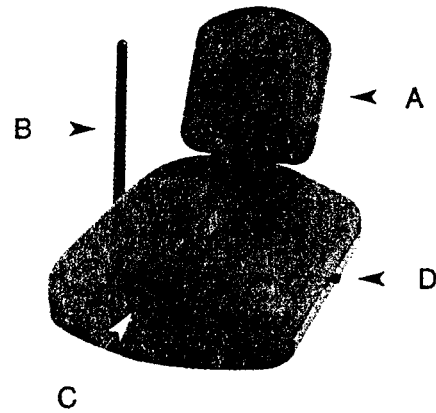
Transmitter

DVL-1000T

DVL-1001T(option)

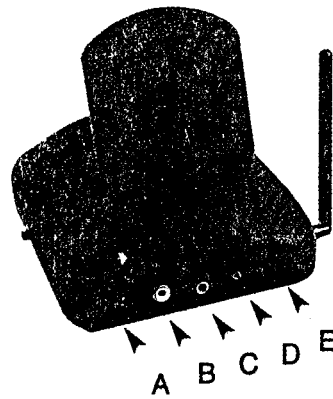
Front View

- A. Antenna board[(Adjust antenna board angle(rotate do not exceed 240°)and point to receiver's antenna board for the best signal of effect.)]
- B. Antenna(Adjust antenna angle in order to receive the best signal of the receive's "IR remote signal".suitable for DVL-1001T/DVL-2001R model)
- C. Light indicator
- D. Power ON/OFF switcher



Rear View

- A. Power input (DC 12V)
- B. Video output
- C. Audio output
- D. IR output (connect "IR extender sensor")(suitable for DVL-1001T/DVL-2001R model)
- E. Channel switcher



Receiver

DVL-2000R

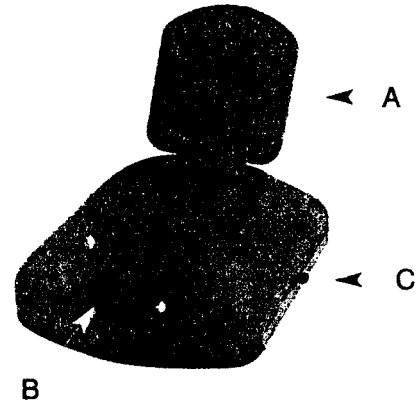
DVL-2001R(option)

Front View

A. Antenna board[(Adjust receiver's antenna angle (rotate angle do not exceed 240°) and transmitter's antenna to the best signal receiving effect.)]

B. IR Receiver/Light indicator

C. Power ON/OFF switcher



Rear View

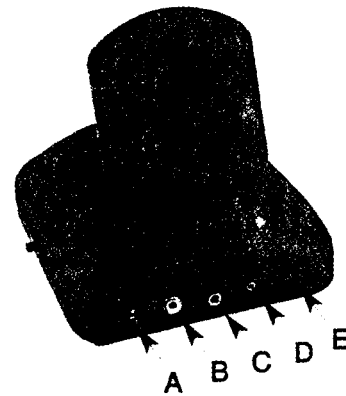
A. Power input

B. Video output

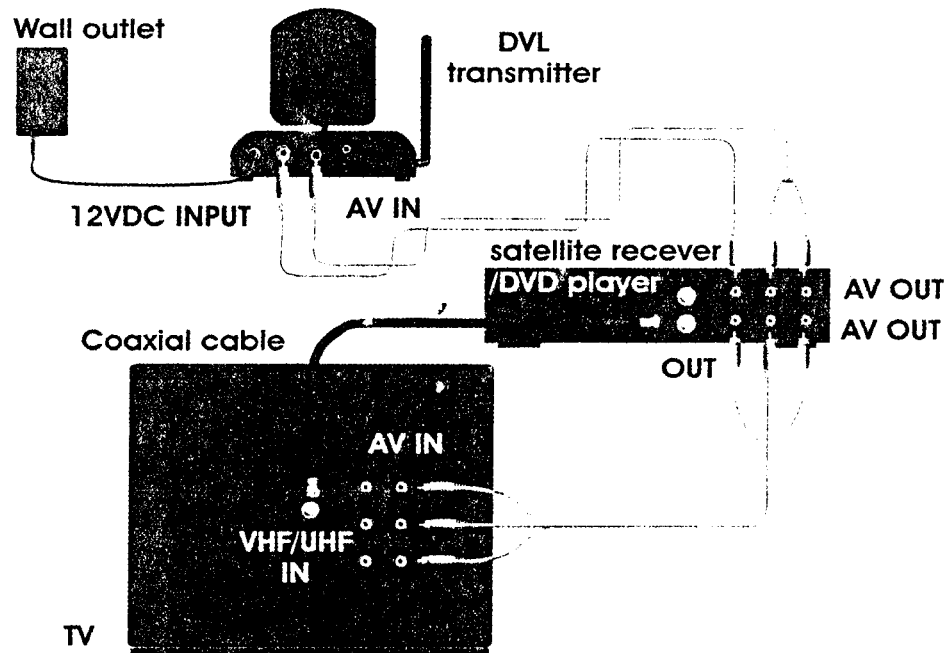
C. Audio output

D. Spare port

E. Channel Switcher



How to output the A/V signal from satellite receiver/DVD player



step1

Please make sure that transmitter power is in "OFF" position. Connecting satellite receiver/DVD player and transmitter by A/V cable. Be sure that A/V port location are matched.

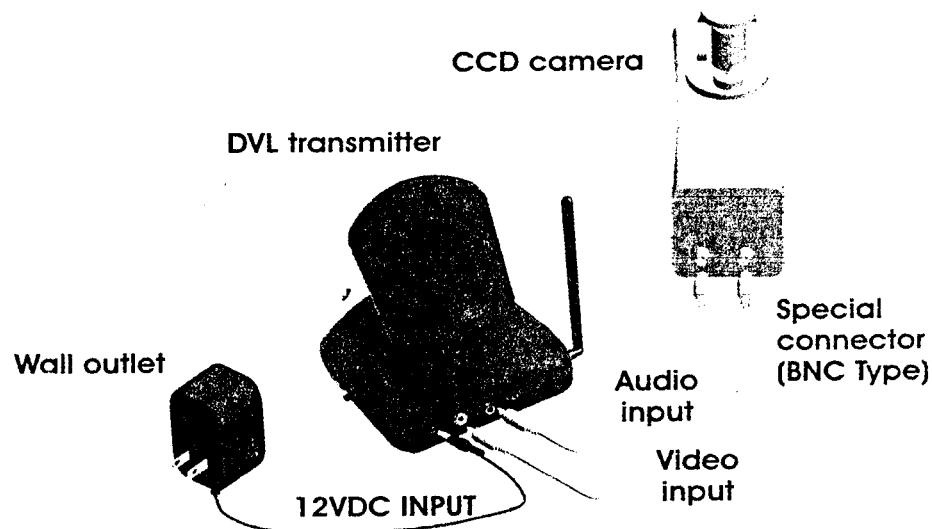
Step2

Plugging the adaptor into the rear power port of transmitter and wall outlet then switch to "ON" position and the red indicator will be lighted up.

Step3

If your satellite receiver/DVD player only has one A/V output jack then you want to connect with your TV and transmit to the transmitter; please re-connect via satellite/DVD player's VHF/UHF output jack, and by means of coaxial cable connect to your TV's VHF/UHF input jack.

How to output the A/V signal from security CCD camera



Step1

Connecting A/V cable to video output port of CCD camera. A special connector(BNC Type) is required.

Step2

Make sure that the transmitter power is in "OFF" position. Connecting one Audio cable both side onto transmitter/ccd camera audio port. The other one of video cable please connect onto both side of transmitter/CCD camera video port.

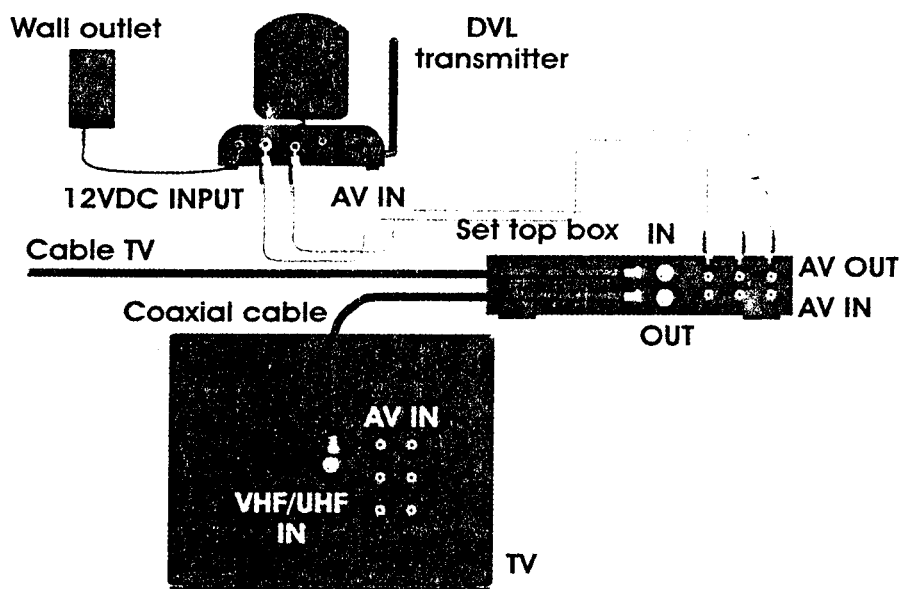
Step3

Plugging the adaptor into both the rear of transmitter and wall outlet, then switch to "ON" position. The red indicator will be lighted up.

Step4

Selecting the appropriate channel and adjust antenna to the best direction.

How to transmit cable TV A/V signal



Step1

Please make sure that the transmitter power is in "OFF" position. The A/V cable connects transmitter and set top box. Be sure the colors are matched. If the set top box has audio output only, please connect the red or black plug to the single audio output and to the transmitter's audio jack.

Step2

Plugging the adaptor into both rear of transmitter and the wall outlet then switching on. The red indicator will be lighted up.

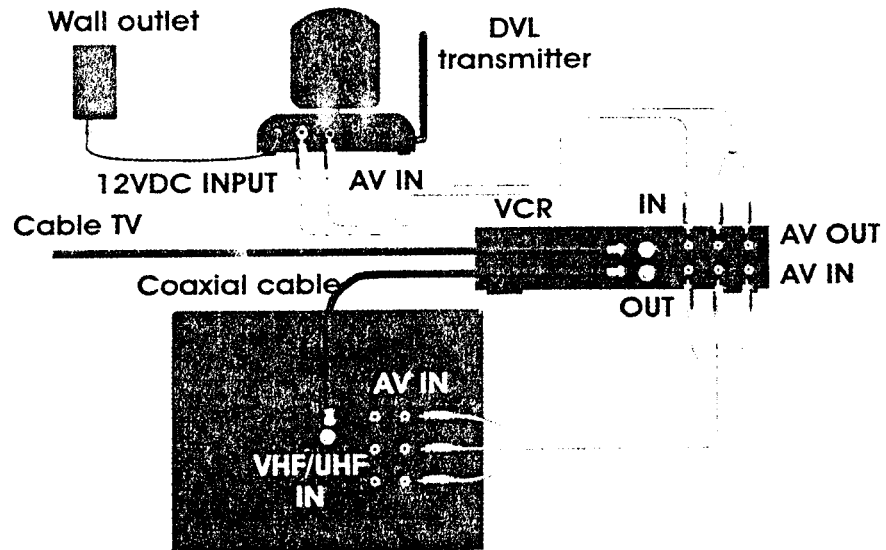
Step3

You also can observe the cable TV signals near by you via coaxial cable from the set top box' output jack to receive signal by your TV's VHF/UHF "in" (input) jack.

Step4

Selecting the proper channel and adjust to the best direction.

How to transmit VCR A/V signal



Step1

Please make sure that the transmitter power is in "OFF" position. The A/V cable connects to transmitter and VCR (Marked "LINE OUT"). Be sure the A/V port are matched. If the VCR has audio output only, please connect the red or black plug to the signal audio jack.

Step2

Plugging the adaptor into both rear of transmitter and wall outlet then switching on. The red indicator will be lighted up.

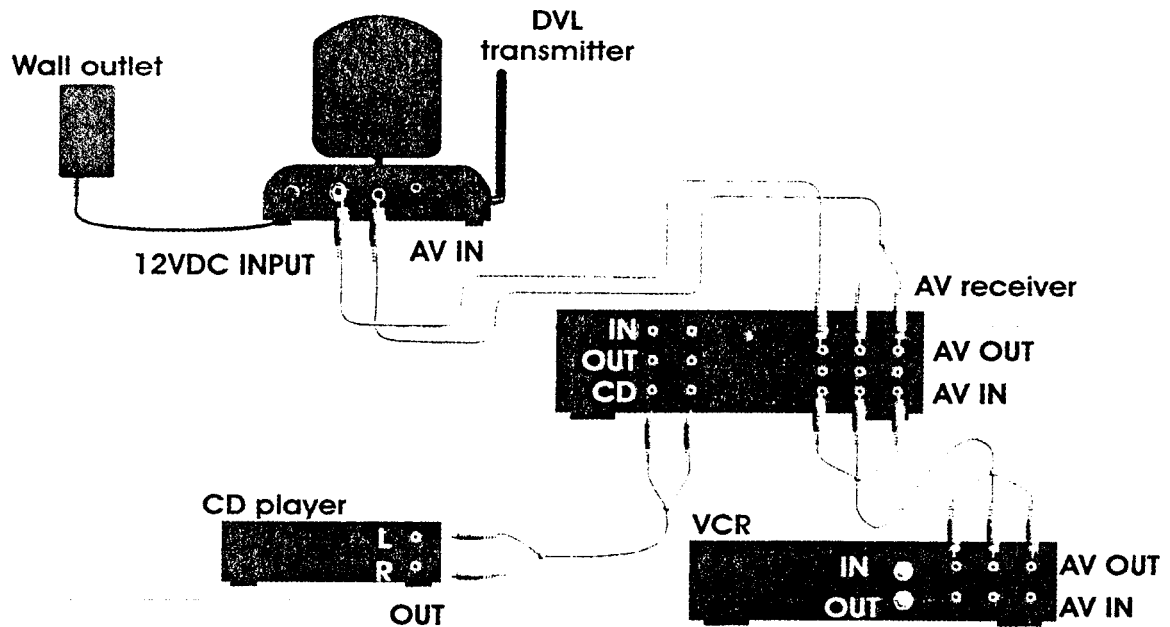
Step3

If your VCR has signal A/V output only, you also can observe the cable TV signals near by, through coaxial cable from the VCR output and transfer to TV rear of VHF/UHF "IN" (input).

Step4

Selecting the proper channel and adjust to the best direction.

How to transmit A/V signals from A/V receiver



Step1

Connecting the A/V cable (from the AV switcher's audio/video input jack) with VCR or CD player's "LINE OUT", then you can enjoy the A/V transmission.

Step2

Please make sure that transmitter power is in "OFF" position. Connecting both transmitter and A/V switcher by A/V cable. Be sure that A/V port colors are matched.

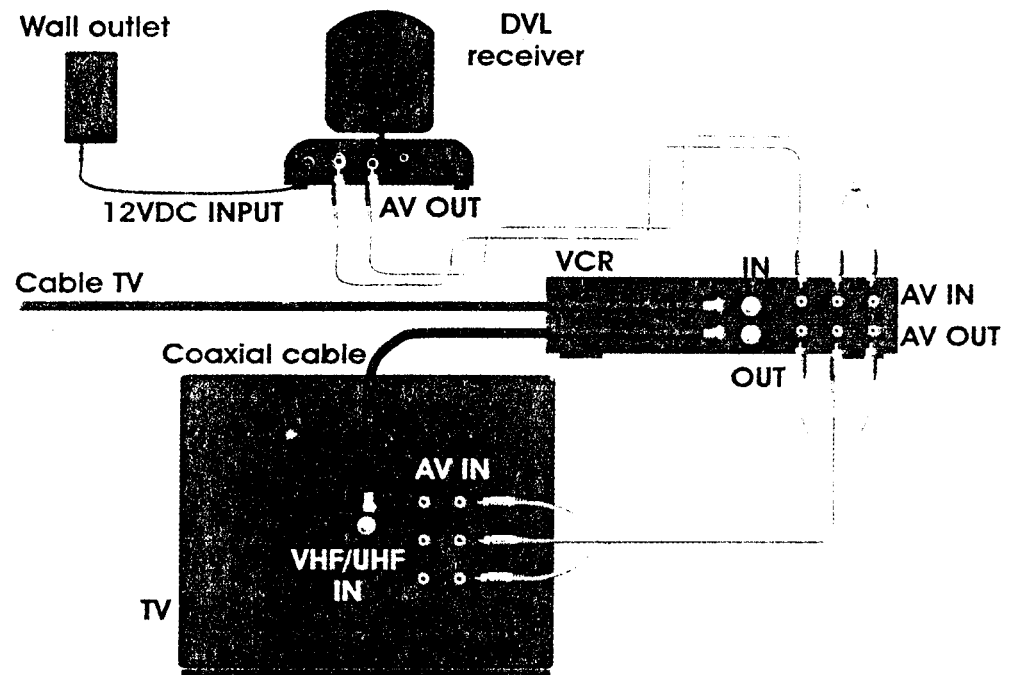
Step3 .

Plugging the adaptor into both rear power port of transmitter and wall outlet then switching on. The red indicator will be lighted up.

Step4

Selecting the proper channel and adjust to the best direction.

Connect receiver with TV through VCR



Step1

Please make sure that the receiver power is in "OFF" position. The A/V cable connects both receiver's A/V jack and video "LINE IN" plug. Be sure that A/V port are matched. Please connect red and black color signal wire, if VCR has only single audio signal jack.

Step2

Connecting video's "LINE OUT" plug and TV's A/V input jack by A/V cable.

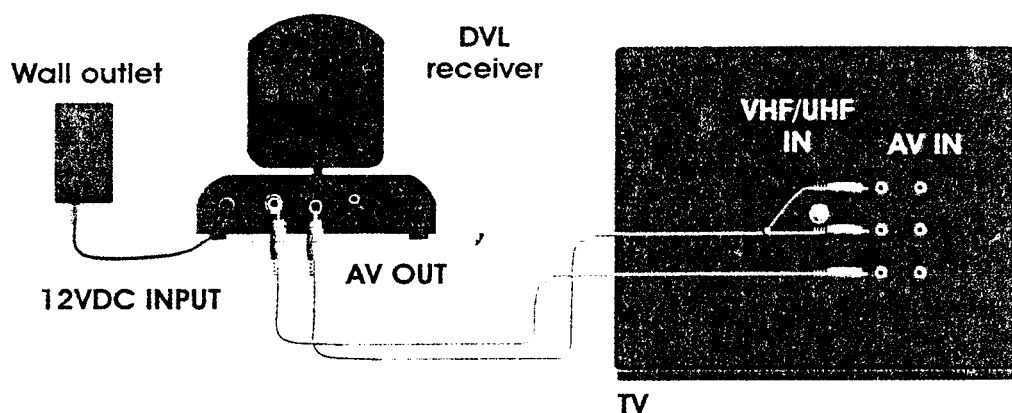
Step3

Plugging the adaptor into both receiver and wall outlet then switching on. The red indicator will be lighted up.

Step 4

Please select same channels at the switch button between transmitter and receiver. (exp: A→1, B→2, C→3, D→4)

How to broadcast wireless A/V signal by TV



Step1

Please make sure that the receiver power is in "OFF" position. Connecting both receiver A/V jack and monitor's A/V jack by A/V cable. Be sure that A/V port are matched. If the monitor only has audio output, please connect the red and black plug to the signal audio output to the monitor's audio jack.

Step2

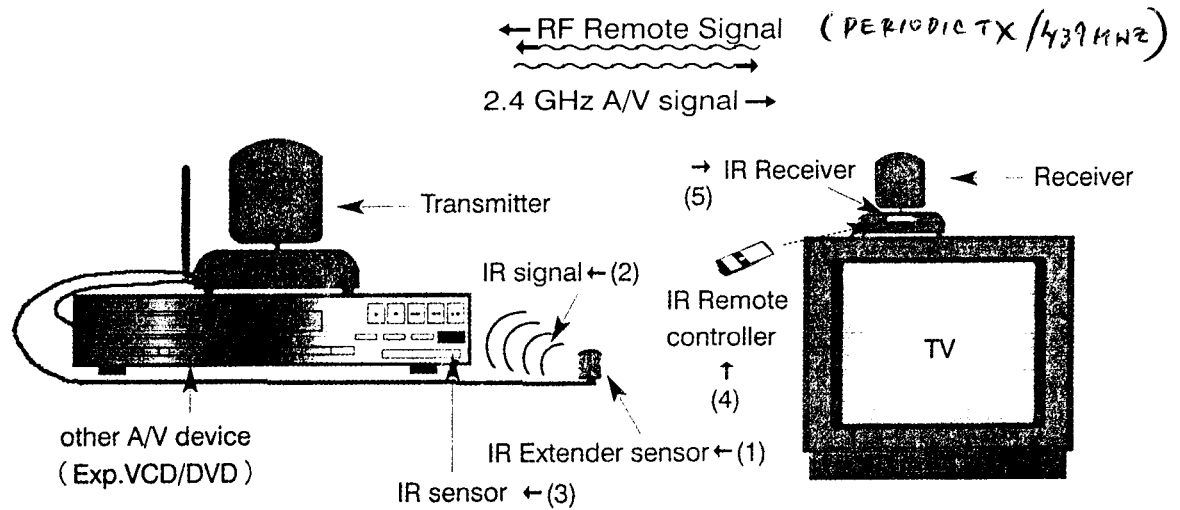
Please following the instructions on P11 Step3.

Step3

Selecting the proper channel and adjust to the best direction.

How to use "IR Extender Sensor"

(suitable for DVL-1001T/DVL-2001R Model)



Step 1

Please plug "IR Extender Sensor" (1) into the rear of DVL-1001T transmitter's "IR output" port.

Step 2

Please make sure "IR Extender Sensor" (1) and "IR sensor" (3) both are correspondent, and "IR Signal" (2) can be sensed (as shown above) in order to select and switch channels very easily as customers expect.

Step 3

Please locate DVL-2001R (receiver) in proper position in order that the signal of "remote controller" (4) can be received by the DVL-2001R's (Receiver) head end "IR receiver" (5).

Step 4

If the correspondence is poor (the TV receiving picture not quite clear), then please proceed the following simple test: please point "IR remote controller" (4) to "IR receiver" (5) and generate or random direction. Once the TV picture receiving change back to normal status, which means the above install procedures (from step 1 to step 3) are completely and correctly.

Step 5

If the TV receiving picture still remain not clear; we suggest you consult your local distributor.

Trouble shooting

Problem 1: Receiver's panel does not working.

Solution:

- a. Please check the transmitter/receiver's ON/OFF switches.
- b. Please check adaptor plug into wall outlet.

Problem 2: No picture.

Solution:

- a. please check the signal transmission is normal or abnormal.
- b. Please check the power is "ON".

Problem 3: Picture indistinct or has ghost shadow.

Solution:

- a. Please check transmitter and receiver locate at same channel.
- b. Adjust transmitter and receiver at the proper direction and position.
- c. CCD camera 's focus does not adjust well, therefore the picture has indistinct problem.

Problem 4: Other questions.

Solution:

- a. Please contact your local distributor.
- b. Please contact our engineer.

DVL-1000T/DVL-2000R

DVL-1001T/DVL-2001R

Item	Specifications Audio/Video Sender	
Output Power	10 dBm	-
Receiver Sensitivity	-	-85 dBm
Frequency Range	2.4 ~ 2.4835 GHz	2.4 ~ 2.4835 GHz
Channel Space	20 MHz	20 MHz
Frequency Stability	+/-250 kHz	+/-200 kHz
A/V Modulations Type	FM	FM
Video Input Format	NTSC/PAL	-
Video output Format	-	NTSC/PAL
Video Input Level	1 Vpp @ 75 Ohm	-
Video output Level	-	1Vpp@75Ohm,S/N>38 dB
Audio Input Voltage Peak-peak	0.3-5Vpp@600 Ohm	-
Power Consumption	12V, 185mA/120mA	12v, /300mA
Operating Temperature	-20 ~ +60°C	-20 ~ +60°C
Dimensions	136.35(W)x144(L)x47(H) mm	122(W)x144(L)x47(H) mm
Weight	280 g	300 g



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