

ALM-2442

2.4 GHZ Wireless AV Mini. Transmitter & Receiver

Include: 1pc Miniature Audio/Video Transmitter,
1pc Receiver, 2pcs Adapter, 2pcs Cable



CE 0681

or use in:
Belgium, France,
Germany, Italy, Spain,
The Netherlands, U.K.

2003.JANUARY

◆ Notice: The changes or modifications not expressly approved by the party responsible

for compliance could void the user's authority to operate the equipment.

◆ IMPORTANT NOTE: To comply with the FCC RF exposure compliance requirements,

no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

◆ This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference.

2. This device must accept any interference

received, including interference that may

cause undesired operation.

DOUBLE SHOTTING:

Poor picture:

— Realign antennas, slightly adjust the position of the Mini TX or receiver. Reducing or increasing the distance between mini TX & RX.

Line only-no picture:

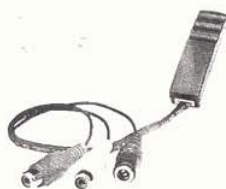
— Check to confirm there is no microwave oven or other 2.4 GHz equipment operating close by.

Picture ghosting:

— Check for interference caused by obstacles such as trees, buildings and shrubs...,etc.
Select new transmitter and /or receiver site.

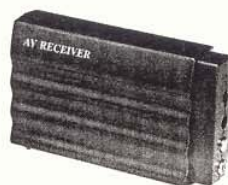
No picture:

- a. Check the receiver to confirm it is turned "ON" and make sure the AV connection of both of the mini. transmitter and the receiver are not plugged wrong way around.
- b. Check the channels on both side of the mini. transmitter and the receiver to make sure that they are at the same channel.



2.4 GHz A/V Mini. Transmitter:

Frequency: (4 channels)	2400 - 2483.5 MHz
RF output power:	EC-R&TTE compliant
Transmitting range:	300M (In L-O-S)
Operating power:	DC12V, regulated.
Power consumption:	70mA
Size:	12 x 50 x 8mm
Antenna:	Omin-directional antenna
Temperature:	-10 to + 55 deg.C

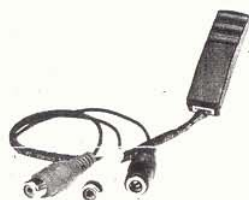
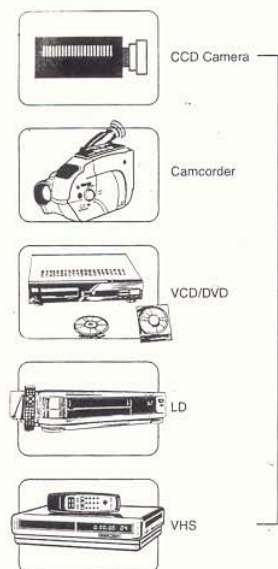


Receiver:

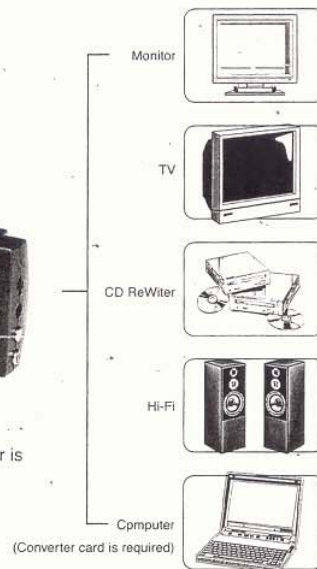
Frequency: (4 channels)	2400 - 2483.5 MHz
Video input/output;	1Vp-p/75 ohm
Audio input/output:	0.8V/600 ohm
Antenna:	60 degree directional antenna
Audio bandwidth:	50 - 17000 Hz
Operating power:	DC12V, regulated.
Power consumption:	180mA
Size:	150x88x40mm

Applications:

- 1) Scout equipments.
- 2) Security products.
- 3) Military equipments.
- 4) Police Equipments.
- 5) A/V Entertainment.
- 6) Games, Toys devices
- 7) Remote Control Airplane, Cars, Robots, etc



- Direct the antenna of the receiver towards the antenna of the transmitter. The integrated antenna inside the case of the receiver is located at opposite side of the connectors.



NOTE: Best results are achieved where there is clear "line of sight" between the transmitter and the receiver. Try to avoid obstacles such as trees, walls, cars, trucks and buildings. Transmitting over water and in the rain will reduce performance. Interference from certain electronic equipment or the moving human body can also effect the range obtainable. For best reception, position the antennas of the transmitter and receiver 4.5 to 6 feet (1.5 to 2m) above the ground. Please test all devices before final installation because the transmission quality can often be improved by moving the components slightly.

Turn off the transmitter and receiver if the system is not in use.
Do not touch the antennas when the system is switched on.
Do not place the receiver behind a monitor.

Installation:

- 1) The mini. transmitter features omni-directional antenna which is most effective when used in the UPRIGHT position.
- 2) Connect both of the mini. transmitter and the receiver to their respective power supplies.
- 3) Connect the A/V inputs on the mini. transmitter to the equipment you wish to transmit from [camera, VCR, DVD, ...etc.]
- 4) Connect the receiver to the equipment you wish to transmit to [monitor, TV, VCR, ...etc.]
- 5) Set same channel to both of the Mini. transmitter and the receiver.
- 6) With the power turn on to both receiver and mini. transmitter obtain the best picture and sound quality by adjusting the position of the mini transmitter and receiver to suit. Try slightly different locations of either unit for optimum results.

Important:

- 1) Use the attached power supply only.
- 2) Don't place above or near a heat source which may cause the equipment to overheat.
- 3) Avoid "Oily" locations.
- 4) Microwave ovens can cause interference and diminish the quality of the signal if the mini TX or RX is located close by.
- 5) Beware of humid locations. Water droplets or spray may damage the units. If condensation does occur, do not use until the equipment has dried out.
- 6) Do not use in temperatures exceeding 55 degC.
- 7) Never paint or attach metallic labels and sticker of any kind.
- 8) Do not use two transmitters and receiver operating at the same time in the same area. This may result in picture and sound interference.