

USER'S MANUAL

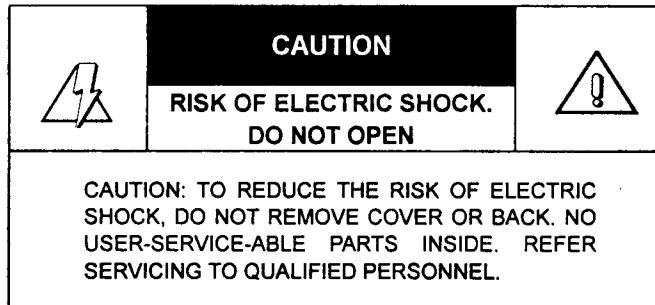
VIDEO/AUDIO RF MODULATOR

MODEL : 6202D

NOTE TO CATV SYSTEM INSTALLER:

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

WARNING: To prevent fire or shock hazard, do not expose this product to rain or moisture. This unit for indoor use only.



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



The exclamation point with 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.

Notice : The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

INTRODUCTION

Your Video RF Modulator is designed to convert the separate audio and video signals (from a video camera, computer, portable VCR, or satellite receiver, for example) into VHF TV signals that you can view on a TV set.

The FCC Wants You to Know

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

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Your modulator might cause TV or radio interference even when is operating properly. To determine whether your modulator is causing the interference, turn it off. If the interference goes away, your modulator is causing it.

Try to eliminate the interference by:

- moving your RF Modulator away from the receiver
- connecting your RF Modulator to an outlet that is on a different electrical circuit from the receiver
- contacting your local store for help

If you cannot eliminate the interference, the FCC requires that you stop using your RF Modulator. Changes or

modifications not expressly approved by the party responsible for compliance could void the user's FCC authorization to operate this equipment.

REQUIRED PARTS

The following items (not supplied) are required to connect your RF Modulator to a video input source and your TV.

- one audio/video shielded cable with three phono connectors at each end, if the video source's audio output is stereo; or one audio/video shielded cable with two phono connectors at each end if the video source's audio output is monaural
- two 75-ohm coaxial cables with F-type connectors
- a 75-ohm-to-300-ohm matching transformer, if your TV does not have a VHF 75-ohm F-connector

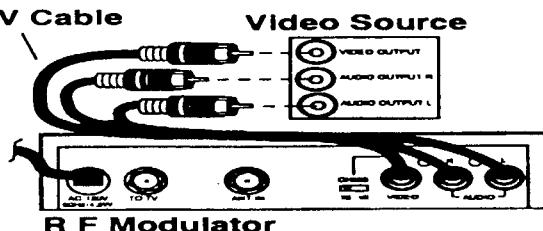
Note: The audio signal will be modulated to mono, whether the video source is stereo or monaural.

Note to the CATV System Installer: This reminder is provided to call the CATV system installer's attention to article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

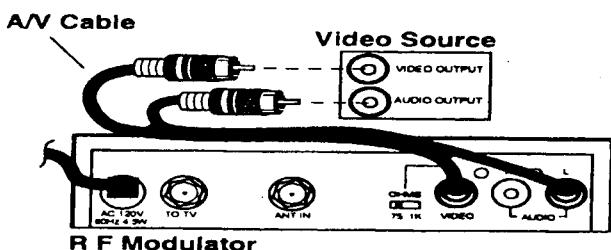
CONNECTIONS

Follow these steps to connect your RF Modulator.

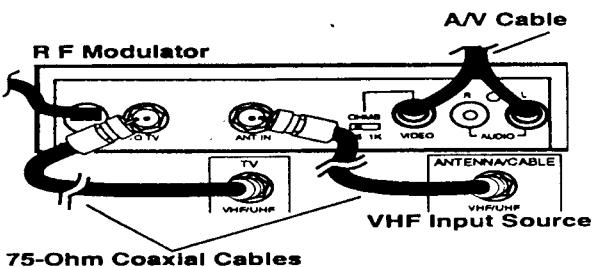
1. If your video source is stereo, plug the connectors on one end of a stereo A/V cable into the video and audio input jacks on the RF Modulator. Plug the connectors on the cable's other end into to video and audio output jacks on the video source, using the color coding on the connectors as a guide.



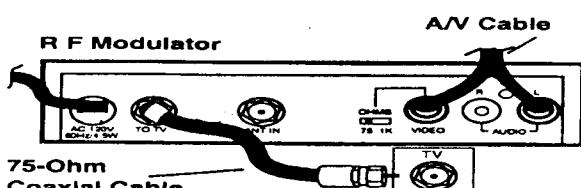
If your video source is monaural, plug the connectors on one end of an A/V cable into the video and audio input jacks on the RF Modulator (using either the **AUDIO R** or **L** jack). Plug the cable's other ends into the video and audio jacks on the video source. Connect the 75-ohm coaxial cables to the RF Modulator following these guidelines:



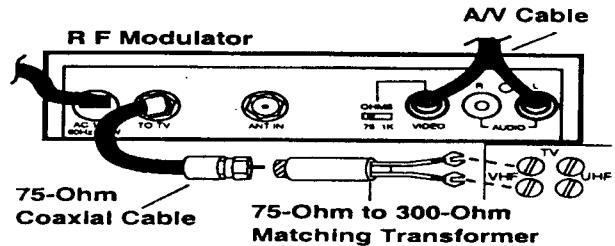
- If your TV is already connected to another VHF input source (such as cable, an antenna, or a VCR, for example), disconnect the VHF input source's 75-ohm cable from the TV's 75-ohm VHF/UHF terminal, and reconnect it to the RF Modulator's **ANT IN** terminal. Then connect a 75-ohm coaxial cable between the **TO TV** terminal on the RF Modulator and the 75-ohm VHF/UHF terminal on your TV.



- If your TV is not already connected to another VHF source, connect a 75-ohm coaxial cable between to the **TO TV** terminal on the RF modulator and the 75-ohm VHF/UHF terminal on your TV.

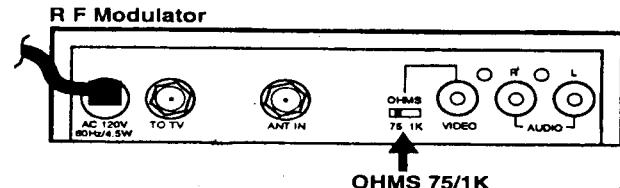


Note: If your TV has only 300-ohm VHF screw terminals, use a 75-ohm-to-300-ohm matching transformer to complete the connection.



2. Plug the RF Modulator's power cord into a standard AC outlet.

OPERATION



1. Turn on the TV and set it to either Channel 3 or 4, whichever is not used for regular broadcasts in your area.
2. Set the RF Modulator's **CHANNEL 3/4** switch to the same channel you set the TV (3 or 4).
3. Turn on the connected video source and set **OHMS 75/1K** on the RF Modulator to the position that gives the best picture. The video signal indicator on the RF Modulator lights when the modulator is receiving a signal for an A/V source.

CARE

To enjoy your RF Modulator for a long time:

- Keep the modulator dry. If it gets wet, wipe it dry immediately.
- Use and store the modulator only in normal temperature environments.
- Handle the modulator gently and carefully. Don't drop it.
- Keep the modulator away from dust and dirt.
- Wipe the modulator with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the modulator's internal components can cause a malfunction and invalidate its warranty and void your FCC authorization to operate it. If your modulator is not performing as it should, take it to your local store for assistance.

SPECIFICATIONS

Video Carrier Output Level	69dB μ V
RF Output Channels	3 or 4
RF Output Impedance	75 Ohms
Video Input Impedance	75 Ohms/1K Ohms (Switchable)
Audio Input Impedance	13±3K Ohms
TV to ANT Insertion Loss 50 - 806 MHz	-2dB
Dimensions	5 $\frac{13}{16}$ x 3 $\frac{1}{16}$ x 1 $\frac{7}{16}$ inches (148 x 78 x 37 mm)
Weight	1 lb 2.5 oz .524 kg

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

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