Exhibit E ..... User's Manual

Cat. No. 15-1244

OWNER'S MANUAL

Please read before using this equipment.

RF MODULATOR

RadioShack®

Warning: To reduce the risk of fire or shock hazard, do not expose this product to rain or moisture.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.

This symbol is intended to alert you to the presence of uninsulated dangerous voltage within the RF Modulator's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the RF Modulator's case.

This symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this RF Modulator.

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 RadioShack RF Modulator is designed to convert the separate audio and video signals (from a video camera, computer, portable VCR, satellite receiver, etc.) into normal VHF TV signals that you can see on any regular TV set.

THE FCC WANTS YOU TO KNOW

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Your RF Modulator might cause TV or radio interference even when it is operating properly. To determine whether your RF Modulator is causing the interference, turn it off. If the interference goes away, your RF 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 RadioShack store for help

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

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

PARTS REQUIRED

You need the following items, not supplied with your RF Modulator, to connect it between a video input source (video camera, satellite receiver, etc.) and your TV.

- Two audio/video (not stereo) shielded cables with phono connectors
- Two 75-ohm coaxial cables with F-type connectors
- If your TV does not have a VHF 75-ohm F-connector, you will also need a 75-ohm-to-300-ohm matching transformer

Your local RadioShack sells a wide selection of each of these items.

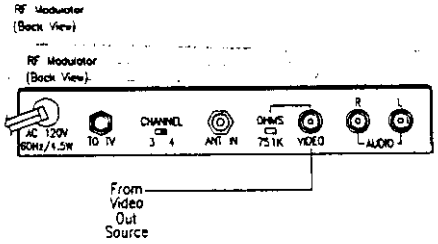
Note to CATV Installer:

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 building's grounding system, as close as practical to the point where the cable enters the house.

CONNECTIONS

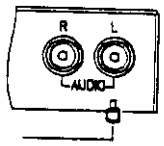
Follow these steps to connect your RF Modulator.

1. Connect an audio/video cable between the video output jack on your video source and the RF Modulator's **VIDEO** input jack.

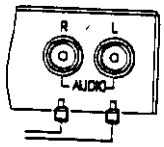


2. Connect another audio/video cable between the audio output jack on your video source and the RF Modulator's **AUDIO** input jack.

2.1 If audio input is mono, connected as shown.

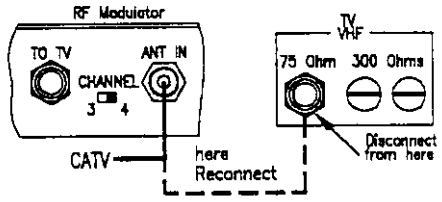


2.2 If audio inputs are stereo L and R, connected as shown.



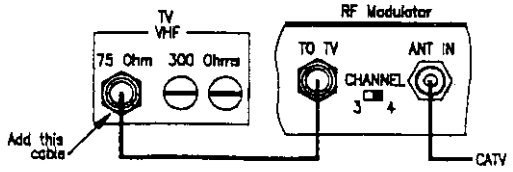
3. Connect the 75-ohm coaxial cables to the RF Modulator following these guidelines:

   - If your TV is already connected to another VHF input source (such as cable TV, VCR, etc.):

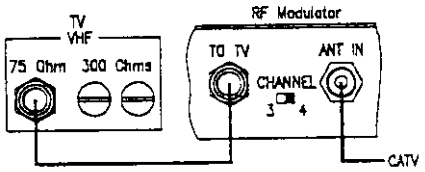


   a. Disconnect the input source's 75-ohm cable from the TV's 75-ohm VHF input terminal, and reconnect it to the RF Modulator's **ANT IN** terminal.

   b. Then add a 75-ohm coaxial cable connected between the **TO TV** terminal on the RF Modulator and 75-ohm VHF input terminal on your TV.



- If your TV is not already connected to another VHF source:



a. Connect the input source's (antenna, cable TV, VCR, etc.) 75-ohm cable to the RF Modulator's ANT IN terminal.

b. Connect a 75-ohm coaxial cable between the TO TV terminal on the RF Modulator and the 75-ohm VHF input terminal on your TV.

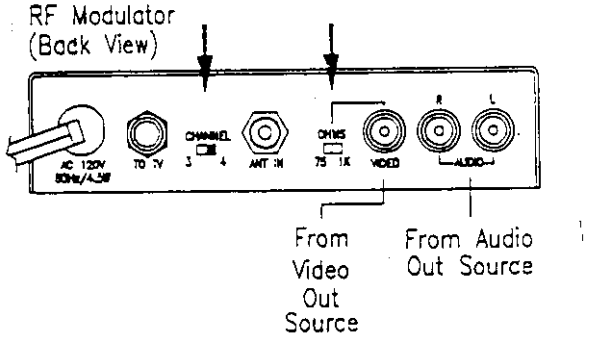
Note: If your TV has only 300-ohm VHF screw terminals, use a 75-ohm-to-300-ohm matching transformer to complete the connection.

4. 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 of the two is not used for regular broadcasts in your area.

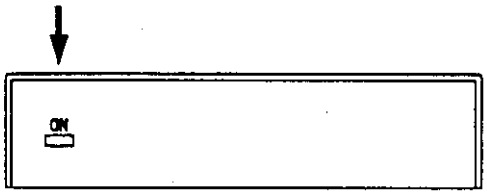
2. Set the RF Modulator's **CHANNEL 3/4** switch to the same channel you set on the TV (3 or 4).



3. Turn on the input source (such as video camera or VCR etc.) and set **OHMS 75/1k** on the RF Modulator to the position that gives the best picture.

Note: For the best results, try both positions to find the best setting. Doing so does not harm your equipment.

4. The ON LED indicator on front panel will light when A/V jacks are active and be turn off when the antenna input is active.



SPECIFICATIONS

Video Carrier Output Level ..... 69 dB µV

RF Output Channels ..... 3 or 4

RF Output Impedance ..... 75 Ohms

Video Input Impedance ..... 75 Ohms/1 kOhms (Switchable)

Audio Input Impedance ..... 13 ±3.kOhms

TV to ANT Insertion Loss 50 - 806 MHz ..... –2 dB

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