

## INTRODUCTION

This product converts audio and video signals from a video output source into VHS TV signals that can be viewed on any television set.

If you are a CATV system installer, review Article 820-22 of the NEC, which sets guidelines for grounding. (Example: cable ground must be connected to the structure's grounding system as close as possible to the cable's point of entry.)

## ACCESSORIES NEEDED:

Be sure you have the following items (not included with product) to connect the Video RF Modulator.

### To Connect to Video Input Source: And Audio Input

One audio/video(A/V) shielded cable with three phono connectors at each end for video source and stereo audio input, or one A/V shielded cable with two phono connectors at each end for video source and mono audio input. A S-(video) cable can also be used along with an audio patch cable

### To Connect to TV:

One 75Ω coaxial cable with F-type connectors and/or one 75Ω to 300Ω matching transformer if your TV does not have a VHF 75Ω F-type connector.

## CONNECTING TO VIDEO AND AUDIO INPUT SOURCE:

### Stereo Audio Source:

Plug all three phono connectors at one end of the A/V cable into the RF Modulator's Video and Audio input jacks. Plug the connectors at the cable's other end into the video source's A/V output jacks. Match color coding on cable ends with color coding of RF Modulator and video source.

### Mono Audio Source:

Plug both connectors at one end of the A/V cable into the RF Modulator's VIDEO and AUDIO input jack (use either the right or left audio jack). Plug the connectors at the cable's other end into the video source's A/V output jacks. Match color coding on cable ends with color coding of RF Modulator and video source.

## CONNECTING TO TV

Existing VHS Connection (antenna, cable or VCR):

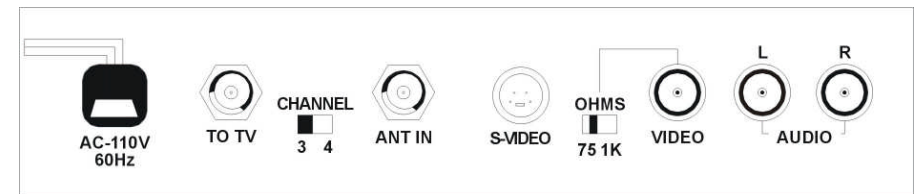
Disconnect the existing 75Ω cable from the TV's VHF/UHF terminal and reconnect it to the RF Modulator's ANT IN terminal. Connect one end of a new 75Ω cable to the RF Modulator's TO TV terminal, and the other end to the television's TV VHF/UHF terminal.

### No Existing VHS Connection:

Connect one end of a 75 cable to the RF Modulator's TO TV terminal, and the other end to the television's TV VHF/UHF terminal.

## USE

Turn on TV and set to Channel 3 or 4 Set the RF Modulator's CHANNEL3/4 switch to the same channel as TV. Turn on the video source you've connected, then set 75Ω/1KΩ on the RF Modulator to the position that results in the best TV picture. The video signal indicator light will be on when the RF Modulator is receiving a signal from an A/V source. To return to normal television viewing, turn the power off on the video component that is connected to the RF Modulator.



## CARE AND UPKEEP

Only use and store indoors at normal climate-controlled room temperatures-extreme temperatures and humid environments will damage internal electronic components.

- Keep away from moisture; immediately wipe spills dry.
- Handle with care-do not shake or drop.
- Dust regularly with a soft cloth.

**FEDERAL COMMUNICATIONS COMMISSION NOTICE**

This device complies with Part 15 of the FCC Rules, which states the following:

Operation of this device must not cause harmful interference.

This device must accept any interference received, including interference that may cause undesired operation.

Even when operating properly, this product may cause interference with radio or TV signals. If interference occurs, turn off modulator, if normal reception resumes after modulator is turned off. The modulator is the cause of the interference Move the modulator away from the receiver or connect to an outlet that is on a different electrical circuit than the receiver. If neither step produces clear reception, FCC regulation requires that you stop use of the modulator.

Changes or modifications not expressly approved could void your FCC authorization to operate this device. Modifying the internal components of the RF Modulator can cause a malfunction and void its warranty.

**SPECIFICATIONS**

- Video carrier output level.....66±3.5dBμV
  - RF outputs channels.....3 or 4
  - RF output impedance.....75Ω/1KΩ(switchable)
  - Audio input impedance.....13±3KΩ
  - TV to ANT insertion loss 50-806..... -4dB
  - Dimensions.....5.9"W×3.7"D×1.8"H
- Specifications are typical; individual units might vary.  
 Specifications are subject to change and improvement without notice.

# VIDEO RF MODULATOR

## MODEL:RFMOD

