Model 21 (160-0413)

CHOOSING AN INSTALLATION LOCATION

For safe and effective operation of your VCP, consider the following when you choose an installation location:

Place the VCP away from direct sunlight and head sources such as household radiators.

Avoid placing the VCP in dusty or humid areas.

Do not block the VCP's top and bottom ventilation holes. For example, do not place the VCP on a carpet.

Place the VCP on a flat surface away from strong vibrations or magnetic fields.

CHOOSING THE RIGHT CONNECTIONS

There are several ways to connect your VCP. The following suggestions can help you make the right connections for your needs:

If your TV does not have separate audio and video input jacks, use the connections under "Connecting a Standard TV."

If your TV has separate audio and video input jacks, use the connections under "Connecting a TV Monitor."

If you want to connect a VCR to the VCP for copying tapes, use the connections under "Connecting a VCR."

CONNECTING A STANDARD TV

Follow these steps to connect the VCP to a TV that does not have separate audio and video input jacks.

- 1. Disconnect the antenna or cable wire from your TV's VHF antenna terminal and connect the wire to the VCP's ANT IN terminal.
- NOTES: If you have a 300-ohm antenna wire, connect the wire to the 300ohm terminals on the supplied 300-to-75-ohm adapter. Then connect the adapter's 75-ohm plug to the VCP's ANT IN terminal.

If there is a VHF/UHF splitter connected to your TV, disconnect the antenna wire from the splitter's input terminal, and leave the splitter connected to the TV.

If you have a separate UHF antenna, leave the UHF antenna wire connected to the TV.

2. Connect the VCP's RF OUT terminal to the TV's VHF antenna terminal (or the splitter's input terminal), using the supplied 75-ohm coaxial cable.

Setting the CHANNEL Switch

The TV receives the VCP's signal on Channel 3 or 4. If possible, set the VCP's CHANNEL switch (located on the back of the VCP) to a channel that is not used for regular broadcasts in your area.

NOTE: The CHANNEL switch does not affect the TV when the VCP is off or not playing a tape.

CONNECTING A TV MONITOR

TV monitors have separate audio and video inputs but no antenna input terminals. However, most TVs sold as monitors have separate audio/video inputs and antenna input terminals. All Radio Shack monitors are this type.

If your TV has separate audio and video inputs, use the following connections. These connections usually result in the best picture.



TV/MONITOR

## CONNECTING A VCR

You can connect your VCP to a VCR to copy video cassette tapes. For this connection, you need a video-quality shielded cable with phono connectors. Do not use a standard audio cable.

To connect your VCP to a VCR, connect the VCP's AUDIO and VIDEO OUT jacks to the VCR's audio and video input jacks.

NOTE: If your TV has separate audio/video input jacks, connect the VCR's audio/video output jacks to the audio/video jacks using another video-quality shielded cable. This lets you watch a tape while you copy it.

## CONNECTING A VIDEO PROCESSOR

You can connect a video processor to the VCP to improve the quality of tape copies. For these connections, you need additional video-quality shielded cables. Do not use standard audio cables.

Most video processors have separate audio and video jacks. If your TV does not have separate audio/video input jacks, you need a video processor with a built-in RF modulator or a separate RF modulator.



MODEL 21

INSTALLING THE REMOTE CONTROL'S BATTERIES

The remote control requires two AA batteries (not included). For longest battery life, we recommend alkaline batteries (Cat. No. 23-552).

Follow these steps to install the batteries.

- Remove the battery compartment cover by pressing the cover in the direction of the arrow.
- Place the batteries in the compartment as indicated by the polarity symbols (+ and -) marked in the compartment.

CAUTIONS: Use only fresh batteries of the recommended size and type.

Always remove old or weak batteries. They can leak chemicals that can damage electronic circuits.

3. Replace the compartment cover.

CONNECTING POWER

You can power your VCP from standard AC power or from your vehicle's battery.

Using AC Power

For AC operation, plug the AC power cord into a standard AC outlet.

Using Vehicle Battery Power

The supplied DC power cord lets you power the VCP and a portable TV from your vehicle's battery. The TV must have a DC 12-volt jack and the vehicle must have a 12-volt, negative-ground electrical system. Most vehicles have this type of system, but if you are unsure, contact your vehicle's dealer.

The DC power cord has two barrel plugs on one end and a cigarette-lighter plug on the other end. Connect one barrel plug to the VCP's DC 12V jack and connect the other barrel plug to the TV's DC 12-volt jack. Then connect the cigarette-lighter plug to the vehicle's cigarette-lighter socket.

CAUTIONS: To prevent possible damage to your VCP or vehicle, always unplug the DC power cord from the cigarette-lighter socket before you remove the plug from the VCP or TV.

> If you leave the VCP connected to the cigarette-lighter socket, the VCP continues to dray a small amount of current from the battery, even when you turn off the power switch. Be sure to disconnect the DC power cord to prevent draining your vehicle's battery.

Before you use AC power, you must disconnect the DC power cord from the cigarette-lighter socket, the VCP, and the TV.

(ALL-11/01/94)