

Sony KV20M42

Sony KV-20M42 20-inch Trinitron TV Instruction Manual

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Sony KV-20M42 20-inch Trinitron Television. Please read these instructions thoroughly before using the television and retain them for future reference. The Sony Trinitron picture tube features a cylindrical screen face, designed to minimize distortion and reduce glare for an optimal viewing experience.

SETUP

1. Unpacking

Carefully remove the television from its packaging. Ensure all accessories, including the remote control and power cord, are present. Retain the packaging materials for potential future transport or service.

2. Placement

Place the television on a stable, level surface. Ensure adequate ventilation around the unit by leaving at least 10 cm (4 inches) of space on all sides. Avoid placing the TV in direct sunlight or near heat sources.

3. Connecting to Power

Plug the power cord securely into the AC IN port on the back of the television, then into a standard electrical outlet. Ensure the power outlet is easily accessible.

4. Connecting External Devices

Your KV-20M42 TV supports various input connections:



This image displays the rear connection panel of the television. It features a coaxial input for VHF/UHF antenna connection and a set of RCA jacks labeled 'VIDEO 1 IN' for composite video (yellow) and audio (white) input.

- **VHF/UHF Antenna Input:** Connect your antenna or cable TV coaxial cable to the 'VHF/UHF' input terminal.
- **Video 1 In (RCA):** For connecting devices such as VCRs, DVD players, or game consoles. Connect the yellow RCA cable to the 'VIDEO' input, and the white/red RCA cables to the 'AUDIO' inputs.

5. Initial Setup and Channel Scan

After connecting power and antenna, turn on the TV. Follow the on-screen prompts to select your language and perform an automatic channel scan. This will detect and store available broadcast channels.

OPERATING INSTRUCTIONS

1. Basic Controls

The television can be operated using the buttons on the front panel or the supplied remote control.

- **Power:** Press to turn the TV on or off.
- **Volume (+/-):** Adjusts the sound level.
- **Channel (+/-):** Changes the channel sequentially.
- **TV/Video:** Switches between TV tuner input and external video inputs (e.g., Video 1 In).

2. Using the Remote Control (RM-Y156)

The remote control provides full functionality for your television.



This image shows the Sony RM-Y156 remote control. Key buttons include Power, Muting, Sleep, Display, TV/Video, number pad (0-9), Jump, Enter, Menu, Select, Volume Up/Down, and Channel Up/Down.

- **Power:** Turns the TV on/off.
- **Number Buttons (0-9):** Directly select channels.
- **MENU:** Accesses the on-screen menu system.
- **SELECT / Arrow Buttons:** Navigate through menu options and confirm selections.
- **DISPLAY:** Shows current channel information.
- **SLEEP:** Sets a timer for the TV to automatically turn off.
- **JUMP:** Switches between the current channel and the previously viewed channel.

3. On-Screen Menu Navigation

Press the **MENU** button on the remote control to access the on-screen menu. Use the arrow buttons to navigate through categories such as Picture, Sound, Channel, and Features. Press **SELECT** to enter a sub-menu or confirm a setting. Press **MENU** again to exit the menu.

4. V-Chip Parental Control

The V-chip feature allows you to block programs based on their rating. Access the V-chip settings through the on-screen menu (typically under 'Features' or 'Setup') to configure parental control preferences.

MAINTENANCE

1. Cleaning the Screen and Cabinet

- **Screen:** Gently wipe the screen with a soft, dry cloth. For stubborn marks, slightly dampen the cloth with water or a mild, non-abrasive screen cleaner. Do not spray liquid directly onto the screen.

- **Cabinet:** Wipe the cabinet with a soft, dry cloth. Avoid using strong detergents or abrasive cleaners, as they may damage the finish.

2. Safety Precautions

- Always unplug the television from the power outlet before cleaning or moving it.
- Do not block ventilation openings.
- Avoid exposing the TV to rain or moisture.
- Do not open the TV cabinet; there are no user-serviceable parts inside and high voltage is present. Refer all servicing to qualified service personnel.

TROUBLESHOOTING

Before contacting service personnel, please check the following common issues and solutions:

- **No Power:**
 - Ensure the power cord is securely plugged into both the TV and the wall outlet.
 - Check if the outlet is functioning by plugging in another device.
- **No Picture/No Sound:**
 - Verify the TV is on the correct input source (TV, Video 1). Press the**TV/Video** button on the remote or front panel.
 - Check antenna or cable connections for tightness.
 - Adjust volume levels.
- **Remote Control Not Working:**
 - Replace the batteries in the remote control.
 - Ensure there are no obstructions between the remote and the TV's remote sensor.
- **Poor Picture Quality:**
 - Check antenna positioning and connections.
 - Adjust picture settings (brightness, contrast, color) in the on-screen menu.

SPECIFICATIONS

Feature	Specification
Brand	Sony
Model Number	KV20M42
Screen Size	20 Inches
Display Technology	CRT (Trinitron)
Aspect Ratio	4:3
Item Weight	48 Pounds

Feature	Specification
Product Dimensions	21 x 18.75 x 19 inches
Special Feature	Flat (Trinitron tube design)
Connectivity Technology	Coaxial (VHF/UHF), RCA (Composite Video/Audio)
Included Components	TV, Stand
Energy Compliance	Energy Star compliant

WARRANTY AND SUPPORT

For information regarding your product's warranty, please refer to the warranty card included with your purchase or visit the official Sony support website. For technical assistance or service inquiries, please contact Sony customer support. Keep your purchase receipt and product serial number readily available when seeking support.

Note: Product specifications and appearance are subject to change without notice.