



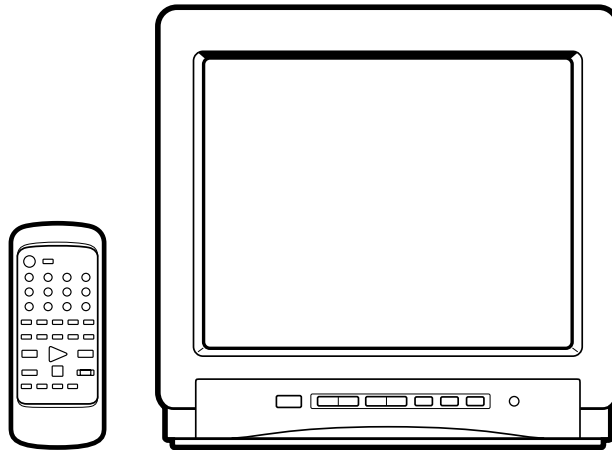
OWNER'S MANUAL
MANUAL DE INSTRUCCIONES

Memorex®

**DC POWER
9" COLOR TELEVISION
CD ENERGIA
9" TELEVISOR A COLOR
MT1098**

ENGLISH

ESPAÑOL



**ATTENTION
ATTENCION**

If you purchase a universal remote control from your local retailer, please contact the remote manufacturer for the required programming code.

Si usted a comprado un control de remoto universal, por favor comunicace con el fabricante para el codigo de programacion requerido.

**TV/CATV MODE SELECTION
SELECCION DE MODO DE TV/CATV**

When shipped from the factory, the TV/CATV menu option is set to the "CATV" (Cable Television) mode. If not using CATV (Cable TV), set this menu option to the "TV" mode.

Al modo de "CATV" (Televisión por cable). Si no utiliza CATV, ajuste esta opción de menú al modo de "TV".

Before operating the unit, please read this manual thoroughly.

Antes de utilizar su aparato favor de leer las siguientes instrucciones.





ENGLISH

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
<p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>		



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.



The exclamation point within 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.

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance with the FCC Rules could void the user's authority to operate this equipment.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

NOTE:

Please keep all packaging material for at least 90 days in case you need to return this product to your place of purchase or Memorex.





IMPORTANT SAFEGUARDS

1. READ INSTRUCTIONS

All the safety and operating instructions should be read before the unit is operated.

2. RETAIN INSTRUCTIONS

The safety and operating instructions should be retained for future reference.

3. HEED WARNINGS

All warnings on the unit and in the operating instructions should be adhered to.

4. FOLLOW INSTRUCTIONS

All operating and use instructions should be followed.

5. CLEANING

Unplug this unit from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning the exterior cabinet only.

6. ATTACHMENTS

The manufacturer of this unit does not make any recommendations for attachments, as they may cause hazards.

7. WATER AND MOISTURE

Do not use this unit near water. For example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.

8. ACCESSORIES

Do not place this unit on an unstable cart, stand, tripod, bracket, or table. The unit may fall, causing serious injury, and serious damage to the unit.

- 8A. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

PORTABLE CART WARNING
(symbol provided by RETAC)



S3126A

9. VENTILATION

Slots and openings in the cabinet back or bottom are provided for ventilation, to ensure reliable operation of the unit and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the unit on a bed, sofa, rug, or other similar surface. This unit should never be placed near or over a radiator or heat source. This unit should not be placed in a built-in installation, such as a bookcase, or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

10. POWER SOURCE

This unit should be operated only from the type of power source indicated on the rating plate. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company. For units intended to operate from battery power, or other sources, refer to the operating instructions.

11. GROUNDING OR POLARIZATION

This unit is equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug. If your unit is equipped with a 3-wire grounding-type plug, a plug having a third (grounding) pin, this plug will only fit into a grounding-type power outlet. This too, is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.



IMPORTANT SAFEGUARDS (CONTINUED)

12. POWERCORD PROTECTION

Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

13. LIGHTNING

To protect your unit during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the unit due to lightning and power line surges.

14. POWER LINES

An outside antenna system should not be located in the vicinity of overhead power lines, or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

15. OVERLOADING

Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

16. OBJECT AND LIQUID ENTRY

Do not push objects through any openings in this unit as they may touch dangerous voltage points or short out parts that could result in fire or electric shock. Never spill or spray any type of liquid into the unit.

17. OUTDOOR ANTENNA GROUNDING

If an outside antenna or cable system is connected to the unit, be sure the antenna or cable system is grounded to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA 70, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

18. SERVICING

Do not attempt to service this unit yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

19. DAMAGE REQUIRING SERVICE

Unplug this unit from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- a. When the power-supply cord or plug is damaged.
- b. If liquid has been spilled, or objects have fallen into the unit.
- c. If the unit has been exposed to rain or water.
- d. If the unit does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions, as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the unit to its normal operation.
- e. If the unit has been dropped or the cabinet has been damaged.
- f. When the unit exhibits a distinct change in performance, this indicates a need for service.





20. REPLACEMENT PARTS

When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer or those that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

21. SAFETY CHECK

Upon completion of any service or repairs to this unit, ask the service technician to perform safety checks to determine that the unit is in proper operating condition.

22. WALL OR CEILING MOUNTING

If mounting this unit to a wall or ceiling follow the installation recommended by the manufacturer of a mounting bracket specifically designed for this type of product. Use only a mounting device that can handle the weight and size of your unit. Should your bracket require drilling holes into this unit, this would void the manufacturers warranty.

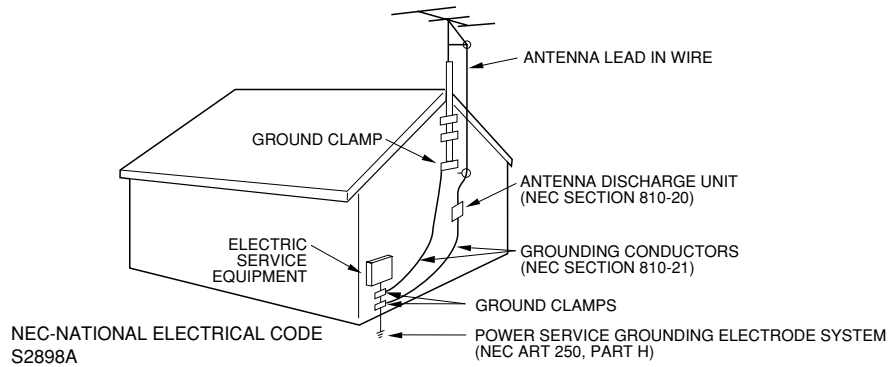
23. HEAT

The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

24. 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.

EXAMPLE OF ANTENNA GROUNDING AS PER NATIONAL ELECTRICAL CODE







SAFETY PRECAUTIONS

Congratulations upon your selection of this MEMOREX Product. Be sure to read the following Safety Precautions before trying to use it for the first time.

Symbols

The following are the meanings of the symbols used in these Safety Precautions.

	Warning! This symbol indicates information that, if ignored or applied incorrectly, creates the danger of death or serious personal injury.
	Caution! This symbol indicates information that, if ignored or applied incorrectly, creates the possibility of serious personal injury or material damage.



Warning!

Installation in a Car

- For a car equipped with air bags, be sure to follow the manufacturer's instructions whenever performing any electrical wiring work. Incorrect wiring can cause the air bag system of a vehicle to malfunction.
- Never cut the insulation from the power supply lead in an attempt to draw power for another device. Doing so can overload the current capacity of the lead, creating the danger of fire and electric shock.

Driving Safety

- Never watch the TV or try to adjust settings while driving. Doing so creates the danger of traffic accident. Before operating the TV, be sure to stop the car in a safe area.
- Never install the unit on the dashboard or in any other location where it obstructs forward vision. Items that obstruct forward vision in a motor car may be illegal. Also, make sure that all components are installed where they do not interfere with operation of the steering wheel, shift lever, brake pedal, etc., for example under the driver's seat, and where they do not endanger passengers. Improper installation creates the danger of traffic accident and personal injury.
- Make sure all cables are bundled together so they do not interfere with car operation, as described in this manual. Improperly installed cables create the danger of entanglement with the steering wheel, shift lever, brake pedal, etc.



**Warning!****Abnormal Conditions**

- Should the TV ever begin to emit smoke, abnormal odor, or a strange noise, immediately turn off power and unplug the TV from the cigarette lighter socket. Continued use of the TV under any of these conditions creates the danger of fire and electric shock.
- Do not continue to use the TV if it is malfunctioning and does not produce a video image or sound. Whenever you notice such symptoms, immediately turn off power, unplug the TV from the cigarette lighter socket. Continued use of the TV creates the danger of fire and electric shock.

Disassembly

- Never try to open the outer case of TV, or otherwise take it apart. Doing so creates the danger of fire and electric shock.

Car Battery

- The TV is designed for use with a 12V DC negative ground automotive power supply only. Never use it in a large truck, a refrigerated truck, or any other car that has a 24V power supply. Doing so creates the danger of fire and electric shock.
- If the car battery cord ever becomes damaged to the point that internal wiring is exposed or cut, immediately request replacement from your original retailer. Continued use of a damaged cord creates the danger of fire and electric shock.

Water and Metal Objects

- Water getting in the TV creates the danger of fire and electric shock. Take care against moisture when it is raining or snowing, or when at the beach, seashore, or any other environment where moisture is present.
- Should TV ever get wet, immediately turn off power, unplug the TV from the cigarette lighter socket. Continued use of the TV while it is wet creates the danger of fire and electric shock.
- Should foreign matter ever get into the TV, immediately turn off power, unplug the TV from the cigarette lighter socket, and contact your original retailer. Continued use of the TV while foreign matter is inside creates the danger of fire and electric shock.



SAFETY PRECAUTIONS

(CONTINUED)



Caution!

Special Knowledge for Installation

- For proper installation and wiring special technical knowledge is required. If you have any doubts about where to position or how to install components, contact the retailer where you purchased the product, your automobile dealership, or an automotive service provider. Note that you will be charged separately for installation work.

Installation

- Use all of the components that come with this product only as directed. Improper use of components can damage interior components or result in improper anchoring of components, which creates the danger of accident and personal injury.
- Improper installation creates the danger of fire and accident.
- Take care so wires are not pinched between chassis parts, by screws, or by the seat as it slides on its rails, etc. Such conditions can cut wires and cause shorts, creating the danger of accident, electric shock, and fire.
- Avoid installation in areas subject to strong vibration and areas where secure anchoring cannot be achieved. Components installed in such areas can work loose, creating the danger of accident and personal injury.
- Never install the TV on the dashboard or in any other location where it obstructs forward vision.
- Never attach the stand to the roof of your car. Doing so creates the danger of the TV falling down.
- Never attach the stand to a sharply angled surface or to a surface that causes the TV to face downwards. Such installation can cause the TV to fall.
- Be sure to turn the ignition key of the car to the "OFF" position before connecting or disconnecting wires and cables. Failure to do so creates the danger of electric shock and personal injury.

Leaving Your Vehicle Unattended

- When you leave your car unattended for long periods, be sure to unplug the TV from the cigarette lighter socket. Leaving the TV plugged in can run down the car's battery.





Important!

- The unit is designed for use with a 12V DC automotive power supply only. Never use it in a truck, bus, or any other car that has a 24V power supply.
- Be sure to stop your car in a safe area before watching or adjusting the TV.
- Operating the TV for a long time with the engine of your car stopped can run down your car battery.
- Never leave the TV in areas exposed to temperature extremes or strong direct sunlight. Leaving it in a closed car, in direct sunlight, near a heater, etc. can cause deformation of the case. Using this product in areas that are colder than 5°C or hotter than 40°C (104°F) can result in poor image quality.
- When you leave your car unattended for long periods, be sure to unplug it from the cigarette lighter socket. Leaving the TV plugged in can run down the vehicle's battery.
- Never use benzene or other chemical agents for cleaning. Chemicals can damage the case and remove markings. Use a soft cloth moistened with a weak solution of water and mild neutral detergent. Wring out all excess moisture from the cloth before wiping.
- Never drop the TV or otherwise subject it to strong impact.

ENGLISH





FEATURES

Picture Tube

9" Screen (measured diagonally) provides remarkably crisp, clear pictures and superb color rendition.

12V DC Operation

This TV is designed to operate from a 12V DC car cigarette lighter socket.

Quartz PLL Frequency Synthesized Tuning System

Electronically locks in and memorizes available channels for perfect reception.

181 Channel Tuner

The tuning system is capable of receiving all 68 VHF/UHF standard broadcast channels that are available in your area. When operating on a cable system, it can tune to the standard VHF channel frequencies plus up to 113 cable channel frequencies. The actual number of channels received depends upon channel reception in your area or your cable system.

On-Screen 3 Language Display

This TV can display the on screen language in English, Spanish or French.

Picture Adjustments

The On-Screen display allows precise remote control adjustment of BRIGHTNESS, COLOR, CONTRAST, SHARPNESS, and TINT.

Sleep Timer

Operable from the remote control, this TV can be programmed up to 120 minutes to turn off automatically.

Memory Back Up

This system prevents loss of memorized channel selections in case a power interruption to the TV should occur.

Automatic Power Shut Off

If the channel being viewed has stopped broadcasting for more than 15 minutes, this TV will turn off automatically.

Full Remote Control Of Television & (Optional) Video Cassette Player

The 34-Key Infrared remote control unit handles all functions included with unit.

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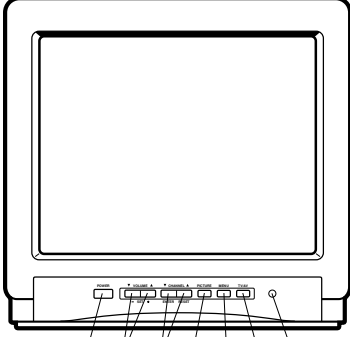




LOCATION OF CONTROLS

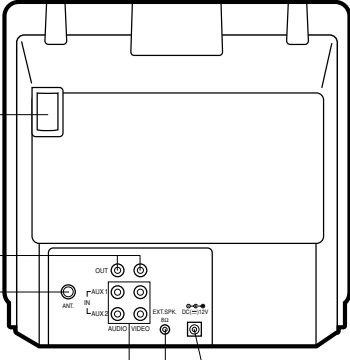
ENGLISH

FRONT



1 2 3 4 5 6 7

REAR



8 9 10 11 12 13

DESCRIPTION OF CONTROLS

FRONT:

1. **POWER Button** - Press to turn the TV on or off.
2. **VOLUME ▲ / ▼ Buttons** - Press to raise or lower the volume of the sound.
(**SET+ / - Buttons**) - Press to select the desired setting during On-Screen operations.
3. **CHANNEL ▲ / ▼ Buttons** - Press to select a higher or lower numbered channel set into memory.
(**ENTER Button**) - Press to enter or select information for On-Screen operations.
(**RESET Button**) - Press to reset the On-Screen picture adjustments to their factory preset positions.
4. **PICTURE Button** - Press to select the desired color, sharpness, contrast, brightness and tint.
5. **MENU Buttons** - Press to display the On-Screen menu function.
6. **TV/AV Button** - Switches between TV and external inputs.
7. **Remote Sensor** - Signals from the Remote Control unit are received here.

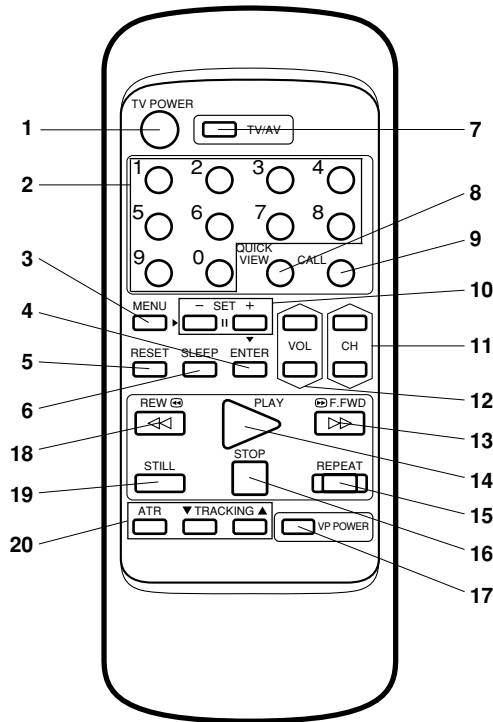
REAR:

8. **Antenna holder**
9. **AUDIO/VIDEO OUT Jacks** - Used to output audio and video signals to a TV, amplifier or VCR.
10. **VHF/UHF IN (ANT) Jack** - Connect a VHF/UHF antenna or CATV cable to this jack.
11. **AUDIO (AUX1/AUX2) / VIDEO IN Jacks** - Audio and video signal cables from an external source can be connected here.
12. **External Speaker Jacks** - Allow external speakers to be directly connected to this TV.
13. **DC Input Jack** - Connect the 12V DC car cord (supplied) here for DC operation.





REMOTE CONTROL



DESCRIPTION OF CONTROLS

TV Section

- 1. **TV POWER Button** - Press to turn the TV on. Press again to turn the TV off.
- 2. **Direct Channel Selection Buttons (0-9)** - Allows direct access to any channel.
- 3. **MENU Button** - Press to display the On-Screen menu function.
- 4. **ENTER Button** - Press to enter or select information for On-Screen operations.
- 5. **RESET Button** - Press to reset the On-Screen picture adjustments to their factory preset positions.
- 6. **SLEEP Button** - Sets the TV to turn off automatically after up to 120 minutes.
- 7. **TV/AV button** - Switches between TV and external inputs.
- 8. **QUICK VIEW Button** - Switches between the present channel and the last channel selected.
- 9. **CALL Button** - Displays the Channel number in the upper right corner.
- 10. **SET +/- Buttons** - Press to select the desired setting during On-Screen operations.
- 11. **CH Up/Down Buttons** - Press the Up button to change to a higher numbered channel set into memory. Press the Down button to change to a lower numbered channel set into memory.

- 12. **VOL Up/Down Buttons** - Press the Up button to increase, or the Down button to decrease the volume level.

VCP Section

- 13. **F. FWD button** - In the STOP mode, this button rapidly winds the tape forward. In the PLAY mode, this button activates Forward Search.
- 14. **PLAY button** - Press to play a prerecorded tape.
- 15. **REPEAT button** - When pressed, the VCP will play back the tape over and over until stopped manually.
- 16. **STOP button** - Press to stop the tape.
- 17. **VP POWER button** - Press to turn the VCP on. Press again to turn the VCP off.
- 18. **REW (Rewind) button** - In the STOP mode, this button rapidly winds the tape backwards. In the PLAY mode, this button activates Reverse Search.
- 19. **STILL button** - During playback, it stops the tape and displays a still image on the TV screen.
- 20. **DIGITAL AUTO TRACKING buttons** - Allows automatic or manual adjustment of tracking to minimize picture noise during playback.

12

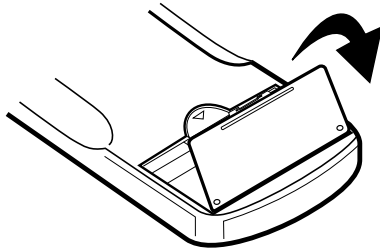




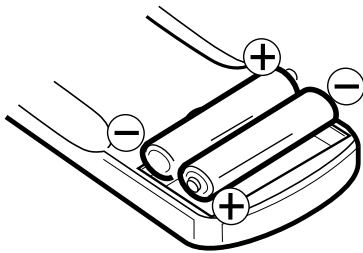
Before using the remote control, batteries must first be installed.

HOW TO INSTALL BATTERIES

1. Open the battery compartment cover.



2. Install two "AAA" batteries.



3. Replace the battery compartment cover.

Use two "AAA" size batteries (not supplied). The batteries may last approximately one year depending on how much the remote control is used. For best performance, it is recommended that batteries should be replaced on a yearly basis, or when the remote operation becomes erratic. Do not mix old and new batteries or different types.

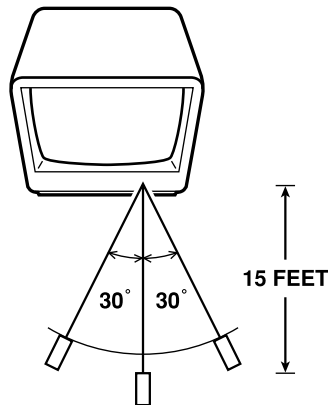
BATTERY PRECAUTIONS

These precautions should be followed when using batteries in this device:

- Use only the size and type of batteries specified.
- Be sure to follow the correct polarity when installing the batteries as indicated in the battery compartment. Reversed batteries may cause damage to the device.
- Do not mix different types of batteries together (e.g. Alkaline and Carbon-zinc) or old batteries with fresh ones.
- If the device is not to be used for a long period of time, remove the batteries to prevent damage or injury from possible battery leakage.
- Do not try to recharge batteries not intended to be recharged; they can overheat and rupture. (Follow battery manufacturer's directions.)

ENGLISH

EFFECTIVE DISTANCE OF THE REMOTE CONTROL TRANSMITTER



NOTE: When there is an obstacle between the TV and the remote control, the remote control transmitter may not operate. When direct sunlight, an incandescent lamp, fluorescent lamp or any other strong light shines on the Remote sensor on the TV, the remote operation may be unstable.





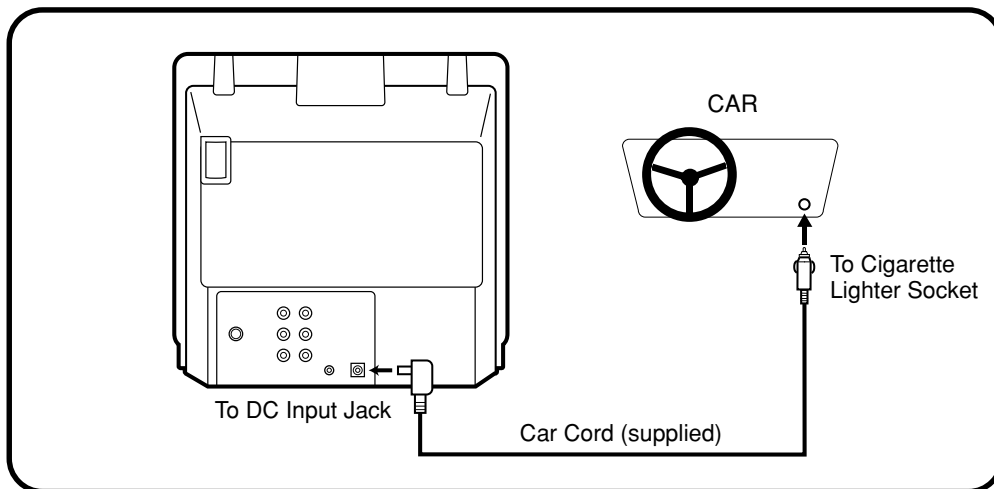
POWER SOURCE

DC POWER SUPPLY

By using the DC car cord supplied with the TV, you can operate this TV from a cigarette lighter socket in any car that utilizes a negative ground system.

The fused 12V DC car cord has been designed to power the set from the external DC power (12 volt negative ground) through the TV DC input jack.

Connect the smaller plug on the end of the cord to the DC input jack on the rear of the TV, then insert the other end of the car cord into the cigarette lighter socket of your car. Make sure that the cord makes a firm connection. It may be necessary to try several insertions, rotating the plug for proper electrical connection.

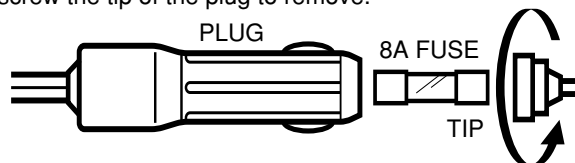


NOTES: • ALWAYS TURN OFF TV FIRST BEFORE SWITCH ON OR OFF THE IGNITION OF CAR ENGINE.

- Make sure that the negative terminal of the battery is grounded. This set is designed for use with negative ground system only.
- Use the supplied car cord only.
- When the TV is not in use, always disconnect it from the car cigarette lighter socket to avoid a battery drain.
- If the TV is to be directly connected to a 12V DC power source, for example, recreational vehicle (RV) applications, make sure the power cord is connected after the ignition switch to avoid battery drain.
- Do not operate the TV if the car battery is weak. Peak current from the car alternator could blow the DC fuse.
- Check the battery's charge level regularly when the TV is used in a vehicle.

REPLACING THE FUSE IN THE CAR BATTERY CORD PLUG

If the fuse in the car battery cord plug blows, replace it with a new 8 A fuse (Fast Blow Type) as shown below. Unscrew the tip of the plug to remove.



14

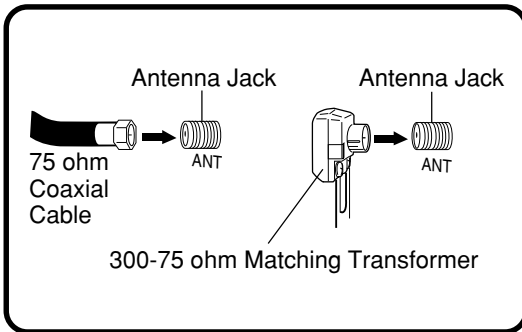




ANTENNA CONNECTIONS

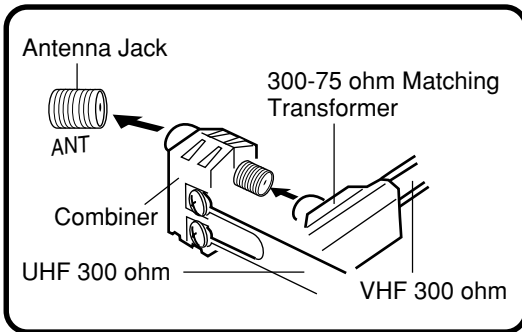
Unless your TV is connected to a Cable TV system, or to a centralized antenna system, a good outdoor color TV antenna is recommended for the best performance. However, if you are located in a strong signal area that is free from interference and ghost conditions (multipath), an indoor antenna may be sufficient. If this television is being used in a mobile installation (RV, Van, Limousine, etc). we recommend that you employ an antenna specially designed for mobile or recreational use. Your installer can probably recommend a number of suitable antennas.

Combination VHF/UHF Antenna (Single 75 ohm cable or 300 ohm twin-lead wire)



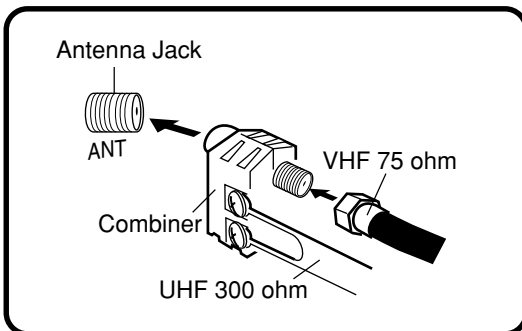
Connect the 75 ohm cable from the combination VHF/UHF antenna to the Antenna Jack. If your combination VHF/UHF antenna has a 300 ohm twin-lead wire, the use of the 300-75 ohm Matching Transformer may be necessary.

Combination VHF/UHF Antenna (Separate VHF and UHF 300 ohm twin-lead wires)



Connect the UHF 300 ohm twin-lead wire to the Combiner (not supplied). Connect the VHF 300 ohm twin-lead wire to the 300-75 ohm Matching Transformer. Attach the Transformer to the Combiner, then attach the Combiner to the Antenna Jack.

Separate VHF/UHF Antennas (75 ohm VHF cable and 300 ohm UHF twin-lead wires)



Connect the VHF 75 ohm cable and UHF 300 ohm twin-lead wire to the Combiner (not supplied). Attach the Combiner to the Antenna Jack.

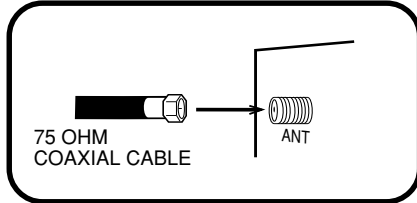




CATV CONNECTIONS

This TV has an extended tuning range and can tune most cable channels without using a cable TV converter box. Some cable companies offer "premium pay channels" in which the signal is scrambled. Descrambling these signals for normal viewing requires the use of a descrambler device which is generally provided by the cable company.

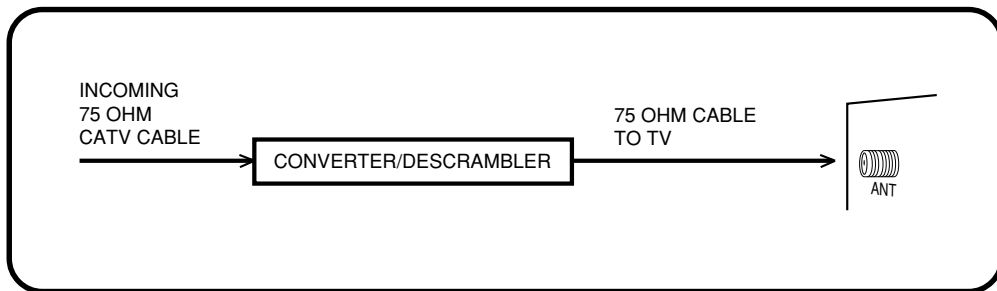
FOR SUBSCRIBERS TO BASIC CABLE TV SERVICE



For basic cable service not requiring a Converter/Descrambler box, connect the CATV 75 ohm Coaxial Cable directly to the Antenna Jack on the back of the TV.

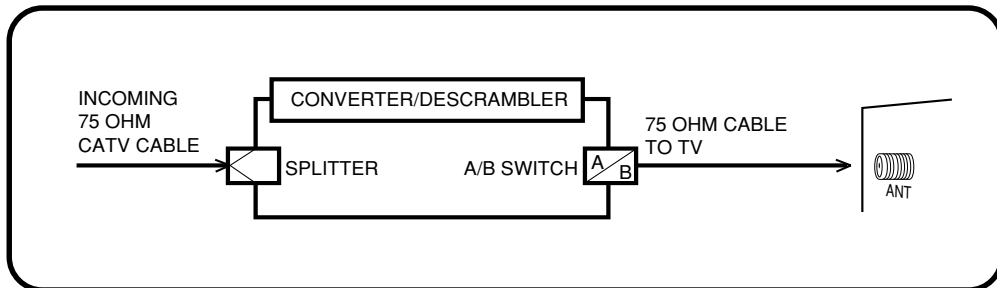
FOR SUBSCRIBERS TO SCRAMBLED CABLE TV SERVICE

If you subscribe to a cable service which requires the use of a Converter/Descrambler box, connect the incoming 75 ohm Coaxial Cable to the Converter/Descrambler box. Using another 75 ohm Coaxial Cable, connect the output jack of the Converter/Descrambler box to the Antenna Jack on the TV. Follow the connections shown below. Set the TV to the output of the Converter/Descrambler box (usually channel 3 or 4) and use the Converter/Descrambler box to select channels.



FOR SUBSCRIBERS TO UNSCRAMBLED BASIC CABLE TV SERVICE WITH SCRAMBLED PREMIUM CHANNELS

If you subscribe to a cable TV service in which basic cable channels are unscrambled and premium channels require the use of a Converter/Descrambler box, you may wish to use a signal splitter and an A/B Switch box (available from the Cable company or an electronics supply store). Follow the connections shown below. With the switch in the "B" position, you can directly tune any unscrambled channels on your TV. With the switch in the "A" position, tune your TV to the output of the Converter/Descrambler box (usually channel 3 or 4) and use the Converter/Descrambler box to tune scrambled channels.



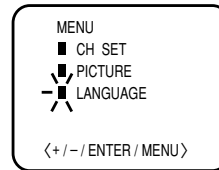


SETTING LANGUAGE

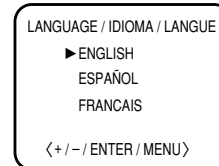
This TV can display the on-screen language in English, Spanish or French. On-screen language selection (step 3) will automatically appear on the screen when you press the MENU button initially. Select the language you prefer first, then proceed with the other menu options.

1 Press the MENU button.

2 Press the SET + or – button to select the LANGUAGE mode, then press the ENTER button.



3 Press the SET + or – button to select the desired language: English (ENGLISH), Spanish (ESPAÑOL) or French (FRANCAIS), then press the ENTER button.



4 Press the MENU button until the menu screen is cleared.

ENGLISH



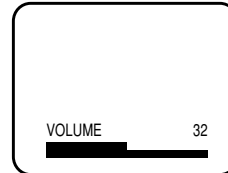


TV OPERATION

1 To turn on the TV, press the TV POWER button.

2 The VOLUME can be adjusted to a desired level by pressing the VOL (VOLUME) Up or Down button.

The sound level will be indicated on the TV screen by green bars and a number. As the sound level increases, so do the number of bars and the number on the screen. The same is true for decreasing the level.



3 Set the TV/CATV menu option to the desired setting. When shipped from the factory, this menu option is in the TV setting. See page 20 "TO MEMORIZE CHANNELS".

TV - VHF/UHF channels
CATV - CABLE TV channels

4 **CH (CHANNEL) Up/Down buttons**

Press and release the CH (CHANNEL) Up or Down button. The channel automatically stops at the next channel set into memory. Press and hold the button down to change channels more quickly.

For proper operation, before selecting channels, they should be set into the TV's memory. See "TO MEMORIZE CHANNELS".

Direct Channel Selection buttons (0-9) - Press these buttons to select a channel.

The channel number will appear on the upper right corner of the TV screen.

If an invalid channel number is selected, the display will revert to the original channel.

TV Mode Direct Channel Selection - When the TV/CATV menu option is in the TV setting, all channels can be instantly selected by using two buttons.

(For example, to select channel 2, press "0", then "2". If you press only "2", channel selection will be delayed for a few seconds). For channels 10 and above, press the 2 digits in order.

CATV Mode Direct Channel Selection

When the TV/CATV menu option is in the CATV setting, channels can be selected as follows:

- 1-9 Press "0" twice, then 1-9 as needed.
 Example, to select channel 2, press "002".
- 10-12 Press "0", then remaining 2 digits.
 Example, to select channel 12, press "012".
- 13-99 Press the 2 digits in order.
 Example, to select channel 36, press "36".
- 100-125 Press the 3 digits in order.
 Example, to select channel 120, press "120".

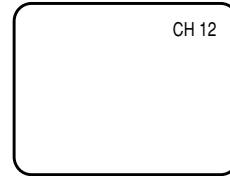
NOTE: If the station being viewed stops broadcasting, the TV will automatically shut off after 15 minutes.





CALL

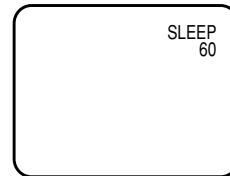
When you press this button, the channel number will appear in the upper right corner of the screen. Press the button again to remove display from the screen.



ENGLISH

SLEEP

To set the TV to turn off after a preset amount of time, press the SLEEP button on the remote control. The clock will count down 10 minutes each time the button is pressed in the order of 120, 110, 100, 20, 10, 0. After the sleep time is programmed, the display will disappear then reappear momentarily every ten minutes to remind you the sleep timer function is operating.

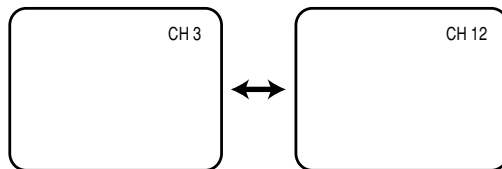


To confirm the sleep time setting, press the SLEEP button once and the remaining time will be momentarily displayed. To cancel sleep time, press the SLEEP button repeatedly until the display turns to 0.



QUICK VIEW

This button allows you to go back to the last channel selected by pressing the QUICK VIEW button. Press this button again to return to the last channel you were watching.



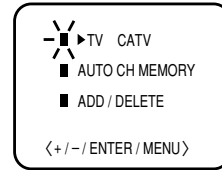
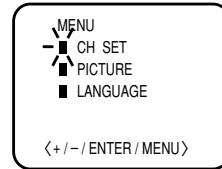


TO MEMORIZE CHANNELS

This TV is equipped with a channel memory feature which allows channels to skip up or down to the next channel set into memory, skipping over unwanted channels. Before selecting channels, they must be programmed into the TV's memory. In addition to normal VHF and UHF channels, this TV can receive up to 113 Cable TV channels. To use this TV with an antenna, set the TV/CATV menu option to the TV setting. When shipped from the factory, this menu option is in the TV setting.

TV/CATV SELECTION

- 1 Press the MENU button.
- 2 Press the SET + or – button until the indicator next to "CH SET" begins to flash, then press the ENTER button.
- 3 Press the SET + or – button until the indicator next to "TV/CATV" begins to flash.
- 4 Press the ENTER button to select the TV or CATV mode. The arrow indicates the selected mode.
- 5 Press the MENU button twice to return to normal TV viewing.



The chart below is typical of many cable system channel allocations.

CATV CHART

Number on this TV										14	15	16	17	18	19	20	21	22
Corresponding CATV channel										A	B	C	D	E	F	G	H	I
23	24	25	26	27	28	29	30	31		32	33	34	35	36	37	38	39	40
J	K	L	M	N	O	P	Q	R		S	T	U	V	W	AA	BB	CC	DD
41	42	43	44	45	46	47	48	49		50	51	52	53	54	55	56	57	58
EE	FF	GG	HH	II	JJ	KK	LL	MM		NN	OO	PP	QQ	RR	SS	TT	UU	VV
59	60	61	62	63	64	65	66	67		68	69	70	71	72	73	74	75	76
WW	AA	BBB	CCC	DDD	EEE	FFF	GGG	HHH		III	JJJ	KKK	LLL	MMM	NNN	OOO	PPP	QQQ
77	78	79	80	81	82	83	84	85		86	87	88	89	90	91	92	93	94
RRR	SSS	TTT	UUU	VVV	WWW	XXX	YYY	ZZZ		86	87	88	89	90	91	92	93	94
95	96	97	98	99	100	101	102	103		104	105	106	107	108	109	110	111	112
A-5	A-4	A-3	A-2	A-1	100	101	102	103		104	105	106	107	108	109	110	111	112
113	114	115	116	117	118	119	120	121		122	123	124	125	01				
113	114	115	116	117	118	119	120	121		122	123	124	125	5A				

NOTE: Contact your cable company to determine the type of cable system used in your area.

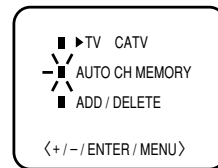
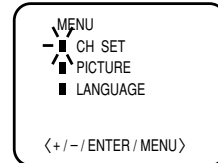




ENGLISH

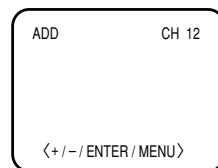
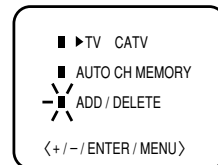
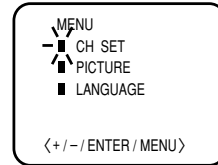
AUTOMATIC CHANNEL MEMORY

- 1 Press the MENU button.
- 2 Press the SET + or – button until the indicator next to "CH SET" begins to flash, then press the ENTER button.
- 3 Press the SET + or – button until the indicator next to "AUTO CH MEMORY" begins to flash, then press the ENTER button. The TV will begin memorizing all the channels available in your area. Channel numbers will remain red until auto memorizing is complete.
- 4 Press the MENU button twice to return to normal TV viewing.



TO ADD/DELETE CHANNELS

- 1 Press the MENU button.
- 2 Press the SET + or – button until the indicator next to "CH SET" begins to flash, then press the ENTER button.
- 3 Press the SET + or – button until the indicator next to "ADD/DELETE" begins to flash, then press the ENTER button.
- 4 Select the desired channels to be added or deleted using the Direct Channel Selection buttons (10 keys, 0-9), the CH Up or Down button or the SET + or – button.
- 5 Press the ENTER button to select ADD or DELETE. If an unmemorized channel was selected (step 4), the channel indication will be red. Press the ENTER button if you wish to ADD the unmemorized channel. The channel indicator will change from red to green when a channel is added and the channel will be memorized. If a memorized channel was selected (step 4), the channel indication will be green. Press the ENTER button if you wish to DELETE the channel from memory. The channel indicator will change from green to red when a channel is deleted. Repeat Steps 4 and 5 for each channel to be added or deleted.
- 6 Press the MENU button three times after adding or deleting all of the desired channels, to return to normal TV viewing.





PICTURE CONTROL ADJUSTMENTS

Picture controls are factory preset but you can adjust them individually as follows.

To display picture adjustments on the screen, press the MENU button. Press the SET + or – button to select the PICTURE option, then press the ENTER button.

BRIGHTNESS

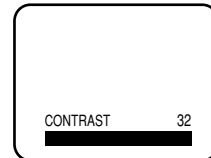
Press the ENTER button until "BRIGHTNESS" appears on the screen, then press the SET + or – button to adjust the brightness of the picture. When the SET + button is pressed, the darker portions of the picture become lighter.



CONTRAST

Press the ENTER button until "CONTRAST" appears on the screen, then press the SET + or – button to adjust the contrast of the picture. Pictures look sharpest in the daytime (bright light) by increasing the contrast. At night (dim light), the sharpest picture is obtained by reducing the contrast.

NOTE: The CONTRAST default setting is set to maximum at the factory.



COLOR

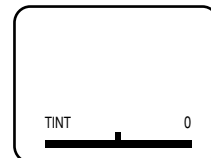
Press the ENTER button until "COLOR" appears on the screen, then press the SET + or – button to adjust the color intensity of the picture. The control should be set when colors appear normal in intensity and brilliance.



TINT

Press the ENTER button until "TINT" appears on the screen, then press the SET + or – button to adjust the tint of the picture.

This determines how accurately the colors are reproduced by the TV. Adjusting the tint for natural facial tones is the best method of obtaining accurate color reproduction of the entire picture.



SHARPNESS

Press the ENTER button until "SHARPNESS" appears on the screen, then press the SET + or – button to adjust the sharpness of the picture.



RESET

Pressing the RESET button while making picture adjustments will return all picture adjustments to the factory preset levels.

NOTE: The On-screen display will disappear 6 seconds after finishing an adjustment or by pressing the MENU button three times.

The settings can only be adjusted when they are displayed on the TV screen.





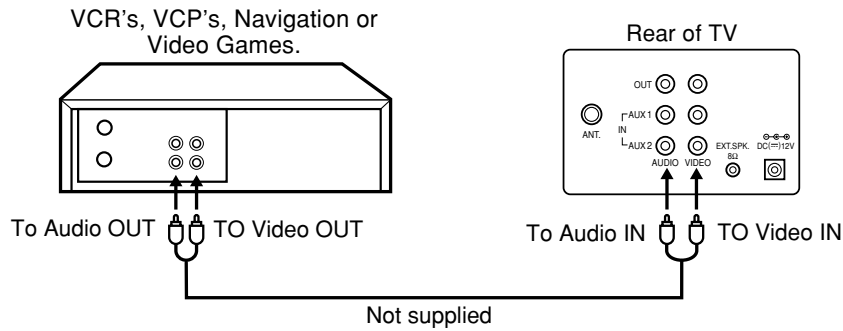
AUDIO/VIDEO JACK CONNECTIONS

The exact arrangement you use to interconnect various video and audio components to the TV is dependent on the model and features of each component. Check the Owner's Manual provided with each component for the location of video and audio inputs and outputs.

The connection diagrams below are offered as suggestions. You may need to modify them to accommodate your particular assortment of components. The diagrams are intended to show component video and audio interconnections only.

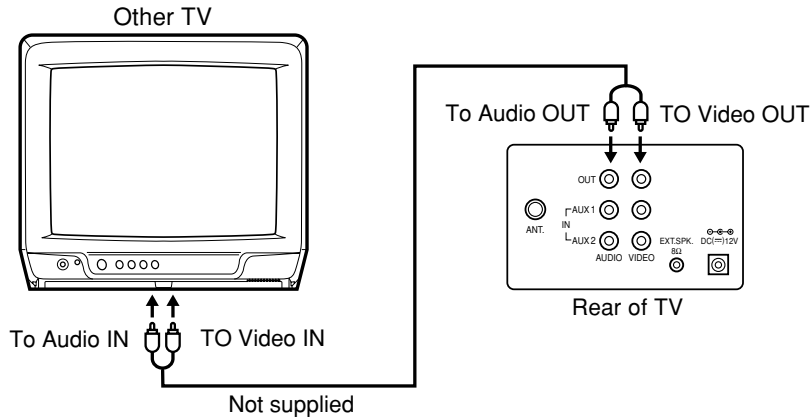
CONNECTION TO AUDIO/VIDEO INPUT JACK

Press the TV/AV button repeatedly to select the desired mode. "AUX 1" or "AUX 2" will display on the screen for 4 seconds.



CONNECTION TO AUDIO/VIDEO OUTPUT JACK

Press the TV/AV selector button to select the "TV" mode to connect the other TV.



EXTERNAL SPEAKER JACK

This TV has not built in speaker.

This jack is for the connection of an external speaker or car speaker. (8 ohms)





RECEPTION DISTURBANCES

Most types of television interference can be remedied by adjusting the height and position of the VHF/UHF antenna. Outdoor antennas are recommended for best results. The most common types of television interference are shown below. If one of these symptoms appear when the TV is connected to a Cable TV system, the disturbance may be caused by the local Cable TV company broadcast.

IGNITION

Black spots or horizontal streaks may appear, the picture may flutter or drift. Usually caused by interference from automobile ignition systems, neon lamps or AC powered tools and appliances such as drills or hair dryers.



GHOSTS

Ghosts are caused by the television signal following two paths. One is the direct path and the other is reflected by tall buildings, hills or other large objects. Changing the direction or position of the antenna may improve the reception.



SNOW

If the TV is located far from the TV station, in a fringe reception area where the signal is weak, small dots may appear in the picture. If the signal is extremely weak, the installation of a larger external antenna may be necessary.



RADIO FREQUENCY INTERFERENCE (RFI)

Caused by two-way radios, this type of interference produces moving ripples or diagonal streaks in the picture. Some cases may cause a loss of contrast in the picture. Changing the direction and position of the antenna or installing an RFI filter may improve the picture.



PICTURE SIZE VARIATION

A slight picture size variation is normal when you adjust the CONTRAST or BRIGHTNESS settings.



CARE AND MAINTENANCE

To prevent fire or shock hazard, disconnect the TV from the DC power sources before cleaning. The finish on the cabinet may be cleaned with mild soap and a soft, damp cloth and cared for as other furniture. Use caution when cleaning or wiping the plastic parts.

24





TROUBLESHOOTING GUIDE

Before requesting service, please refer to the following chart for the symptom and possible solution.

ENGLISH

SYMPTOMS	POSSIBLE SOLUTIONS	PAGE
TV does not operate	<ul style="list-style-type: none"> • Make sure the car cord is plugged in. • Power is off, check fuse of car cord. • Check the battery 's charge level regularly. 	14 14 14
Poor sound or No sound	<ul style="list-style-type: none"> • Station or CATV experiencing problems, tune to another station. • Check Volume control. • Check for sources of possible interference. 	16, 20 12, 18 15, 24
Poor picture or No picture	<ul style="list-style-type: none"> • Station or CATV experiencing problems, tune to another station. • Make sure channels are set into memory. • Check antenna or CATV connections, adjust antenna. • Check for sources of possible interference. • Check picture control adjustments. 	16, 20 20, 21 15, 16 15, 24 22
Poor reception on some channels	<ul style="list-style-type: none"> • Station or CATV experiencing problems, tune to another station. • Make sure channels are set into memory. • Station signal is weak, adjust antenna to receive desired station. • Check for sources of possible interference. 	16, 20 20, 21 15, 16 15, 24
Poor color or no color	<ul style="list-style-type: none"> • Station or CATV experiencing problems, tune to another station. • Make sure channels are set into memory. • Check picture control adjustments. • Check antenna or CATV connections, adjust antenna. • Check for sources of possible interference. 	16, 20 21 22 15, 16 15, 24
Picture wobbles or drifts	<ul style="list-style-type: none"> • Station or CATV experiencing problems, tune to another station. • Make sure channels are set into memory. • CATV company is scrambling signal. • Adjust antenna. 	16, 20 21 16, 20 15, 16
No CATV reception	<ul style="list-style-type: none"> • Check all CATV connections. • Set TV/CATV menu option to the CATV mode. • Station or CATV system problems, try another station. 	16 18, 20 16, 20
Horizontal or diagonal bars on screen	<ul style="list-style-type: none"> • Check antenna connections, adjust or re-direct antenna. • Check for sources of possible interference. 	15, 16 15, 24
No reception above channel 13	<ul style="list-style-type: none"> • Make sure TV/CATV menu option is in the appropriate mode. • If using antenna, check UHF antenna connections. 	18, 20 15
No Remote operation	<ul style="list-style-type: none"> • Batteries are weak, dead or inserted incorrectly. • Remote is out of range, move closer to TV (within 15 feet). • Make sure Remote is aimed at sensor. • Confirm there are no obstructions between the Remote and the TV. • Make sure the power cord is plugged in. 	13 13 13 13 14
TV shuts off	<ul style="list-style-type: none"> • No broadcast on station tuned. • Sleep Timer is set. • Power interrupted. 	18 19 14
Display is not shown in your language.	<ul style="list-style-type: none"> • Select proper language in the menu options. 	17





SPECIFICATIONS

Power Input:	DC 12V
Power Consumption:	35 Watts (DC 12V)
Chassis Construction:	IC Solid state
Picture Tube:	9" (measured diagonally)
Horizontal resolution:	260 lines
Audio Power Output Rating:	1.2 Watts 8 ohms
Tuner Type:	181 Channel, Quartz PLL Frequency Synthesized
Remote Control:	Infrared, Direct Access, 2 x AAA batteries (not supplied)
Receiving Channels:	
VHF	2-13
UHF	14-69
CATV	01-97 (5A)-(A-3) 98-99 (A-2)-(A-1) 14-22 (A)-(I) 23-36 (J)-(W) 37-65 (AA)-(FFF) 66-125 (GGG)-(125)
Antenna Input Impedance:	75 ohm (VHF/UHF/CATV) Coaxial Input
Inputs:	Video: 1 Vp-p / 75 ohms, unbalanced Audio: 300mV/ 51 K ohms, unbalanced
Outputs:	Video: 1 Vp-p / 75 ohms, unbalanced Audio: 300mV/ 1 K ohm, unbalanced
Storage Temperature:	-20°C to 60°C (-4°F to 140°F)
Operating Temperature:	5°C to 40°C (41°F to 104°F)
Dimensions:	9-1/8" (W) X 11-3/8" (D) x 8-13/16" (H)
Weight:	11 lbs

ACCESSORIES

- Remote Control
- 12V DC Car Cord

Memorex®

For additional set-up or operating assistance, please visit our WEBSITE at www.memcorpinc.com or contact CUSTOMER SERVICE at 1-800-919-3647
Please keep all packaging material for at least 90 days in case you need to return this product to your place of purchase or Memorex.
FOR PARTS AND ACCESSORIES, CONTACT FOX INT'L AT 1-800-321-6993



