

LCD-TV CD Kitchen Clock Radio

ICF-CD555TV

Operating Instructions

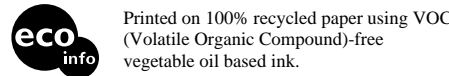
Owner's Record

The model number and the serial number are located on the top. Record the serial number in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. ICF-CD555TV

Serial No. _____

For customers who purchased this product in the USA Please register this product on line at <http://www.sony.com/productregistration>. Proper registration will enable us to send you periodic mailings about new products, services, and other important announcements. Registering your product will also allow us to contact you in the unlikely event that the product needs adjustment or modification. Thank you.



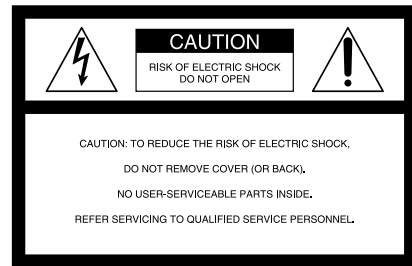
Printed on 100% recycled paper using VOC (Volatile Organic Compound)-free vegetable oil based ink.

© 2004 Sony Corporation Printed in China

<http://www.sony.net/>

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture. To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only. Do not install the appliance in a confined space, such as a bookcase or built-in cabinet. To prevent fire or shock hazard, do not place objects filled with liquids, such as vases, on the apparatus.



This symbol 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 to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

* The graphical symbols are at the top of the unit.

INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

CAUTION
The use of optical instruments with this product will increase eye hazard.

Note to the 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 grounding system of the building as close to the point of cable entry as practical.

CAUTION
When using TV games, computers, and similar products with your TV, keep the brightness and contrast functions at low settings. If a fixed (non-moving) pattern is left on the screen for long periods of time at a high brightness or contrast setting, the image can be permanently imprinted onto the screen. Continuously watching the same channel can cause the imprint of station logos onto the TV screen. These types of imprints are not covered by your warranty because they are the results of misuse.

Note on cleaning
Clean the unit with a soft dry cloth. Never use strong solvents such as thinner or benzine, which might damage the finish of the cabinet.

Dots in the LCD monitor remain permanently on or off. It is not a malfunction.

Features

- Super Slim under the counter LCD-TV
- 7" wide-screen LCD Color panel display
- TV/Cable Tuner
- TV stereo/Auto SAP Function
- MEGA Xpand function to get the effect of expansion of the sound field
- Easy Set, One Touch Cooking Timer
- Magnetic Remote Commander

Precautions

- Operate the unit on the power source specified in the "Specifications."
- To disconnect the power cord (mains lead), pull it out by the plug, not the cord.
- Do not leave the unit in a location near a heat source such as a radiator or air duct, or in a place subject to direct sunlight, excessive dust, mechanical vibration, or shock.
- Allow adequate air circulation to prevent internal heat build-up. Do not place the unit on a surface (a rug, a blanket, etc.) or near materials (a curtain) which might block the ventilation holes.
- Should any solid object or liquid fall into the unit, unplug the unit and have it checked by a qualified personnel before operating it any further.
- To clean the casing, use a soft cloth dampened with a mild detergent solution.

If you have any questions or problems concerning your unit, please consult your nearest Sony dealer.

Troubleshooting

Should any problem occur with the unit, make the following checks to determine whether or not servicing is required. If the problem persists, consult the nearest Sony dealer.

No picture, no sound

- Check the TV/VIDEO settings : when watching TV, set to TV; when watching video equipment, set to VIDEO.
- Make sure the batteries have been inserted correctly into the remote.
- Try another channel; it could be station trouble.

Poor or no picture, good sound

- Adjust Picture in the PICTURE menu under TV MENU.
- Adjust Brightness in the BRIGHTNESS menu under TV MENU.
- Check the antenna and/or cable connections.

Good picture, no sound

- Press MUTING so that MUTING disappears from the screen.
- Check your MTS setting. Your TV may be set to Auto SAP.

No color

- Adjust Color in the COLOR menu under TV MENU.

Only video noise (snowing) appears on the screen

- Check the Cable setting in the TV MENU.
- Check the antenna and/or cable connections.
- Make sure the channel selected is currently broadcasting.

Dotted lines or stripes

- Adjust the antenna.

Double images or ghosts

- Check your outdoor antenna or call your cable service.

Cannot receive higher number channels (UHF) when using an antenna.

- Make sure Cable is set to "OFF" in the TV MENU.
- Perform Auto Program to add channels that are not presently in the memory.

Cable stations don't seem to work

- Make sure Cable is set to "ON" in the "TV MENU".

The clock does not show the correct time.

- Has an electrical power outage lasting more than one minute occurred?

The CD player does not operate.

- Did you close the disc tray?
- Did you place the disc correctly?
The disc should be placed with the labeled side up.
- Dusty or defective disc—Clean the disc with an optional cleaning cloth. Wipe the disc from the center out.
- Take out the CD and leave the CD compartment open for about an hour to get rid of moisture condensation.

There is a noise from the speakers.

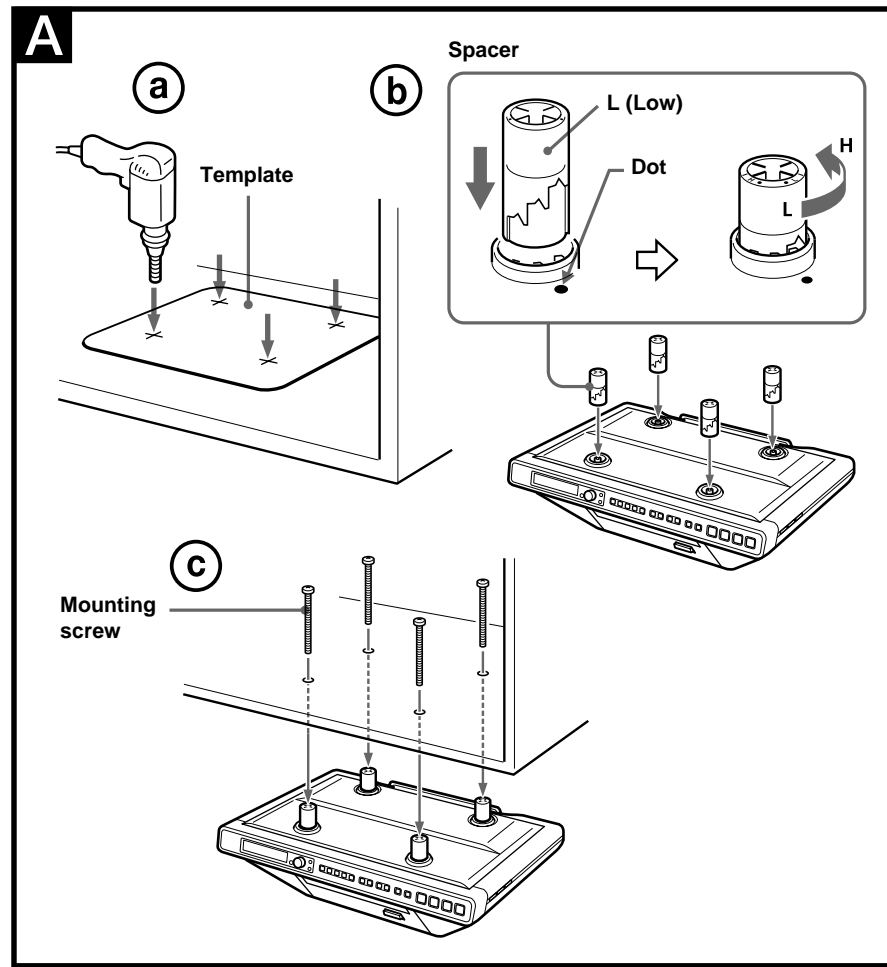
- You may hear a noise when you operate the remote commander while receiving AM band.

Sporadic loss of sound in operation.

- Dusty or defective disc—Clean or replace the disc.
- Volume too high—Reduce the volume.
- Strong vibration.

The remote does not function.

- Batteries could be weak. Replace them.
- Make sure that you are pointing the remote at the remote sensor on the unit.
- Remove any obstacles in the path between the remote and the unit.
- Make sure the remote sensor is not exposed to strong light, such as direct sunlight or fluorescent lamp light.
- Move closer to the unit when using the remote.



Specifications

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION
With 6-ohm loads, both channels driven from 100 – 10 000 Hz; rated 1.4 W per channel—minimum RMS power, with no more than 10 % total harmonic distortion in AC operation.

TV section

Television system: American TV standard/NTSC
Channel coverage: VHF: 2-13/UHF: 14-69/CATV: 1-125
Antenna: 75-ohm external antenna terminal for VHF/UHF
Display type: Wide LCD color monitor
Size: 7 inches
System: TFT active matrix
Number of pixel: 336,960 pixels
Input: 1 video, 1 audio

CD player section

System: Compact disc digital audio system
Laser diode properties: Material: GaAlAs
Wavelength: 780 nm
Emission duration: Continuous
Laser output: Less than 44.6 μW
(This output is the value measured at a distance of about 200 mm from the objective lens surface on the optical pick-up block with 7 mm aperture.)
Frequency response: 20 – 20 000 Hz ±5 dB
Wow and flutter: Below measurable limit

Radio section

Frequency range: FM: 87.5 – 108 MHz
AM: 530 – 1 710 kHz

General

Time display: 12-hour system
Speaker: 77 mm (3 1/8 inches) dia, 6 Ω
Power outputs: 1.8 W + 1.8 W (at 10% harmonic distortion)
Power requirements: 120 V AC, 60 Hz
Dimensions: Approx. 400 × 104 × 323 mm (w/h/d) (Approx. 15 3/4 × 4 1/8 × 12 3/4 inches) incl. projecting parts and controls
Mass: Approx. 4.2 kg (9 lb 4.2 oz)
Supplied accessories: Mounting screws (4), Template (1), Spacers (4), Remote commander (1)

Design and specifications are subject to change without notice.

Improving the Reception

FM: The AC power cord functions as an FM antenna. Extend the AC power cord fully to improve FM reception.
AM: When installing the unit, rotate the unit horizontally for optimum reception and then install the unit. A ferrite bar antenna is built into the unit.

Installing the Unit Under a Cabinet

(See Fig. A)

The unit can be installed without the spacer.

- 1 Mark the position of the 4 holes by using the supplied template. Use a drill to make the holes (size 6.5 mm dia., 9/32 inch). (See Fig. A-⊙)
- 2 When the cabinet door overhangs the shelf and obstructs the unit, you can adjust the unit/shelf height.
First set the L mark to the dot which becomes the lowest position, then you can adjust the height in 4 steps (H•L) by turning the spacer counterclockwise. (See Fig. A-⊙)
- 3 Install the unit with the supplied mounting screws. (See Fig. A-⊙)

Caution

- Since the unit is quite heavy, be careful when installing the unit.
- Hold the unit horizontally when installing it, since the CD tray may open if the unit is shaken.
- To reduce the risk of fire, do not place any heating or cooking appliance beneath this unit.
- Install the unit so that its AC power cord can be connected directly to a wall outlet. Do not use a converter or extension cord.
- Be sure that the AC power cord has no slack when using the unit, since the cord acts as an FM wire antenna. If the AC power cord has some slack, wind up the slack on the cord hook.
- The unit has a built-in ferrite bar antenna for AM radio reception. Check the condition of AM reception before fixing in position.
- Install the unit as far as possible from a source of noise (for example, refrigerator, microwave oven, fluorescent lamp, etc.).

IMPORTANT SAFEGUARDS

For your protection, please read these safety instructions completely before operating the appliance, and keep this manual for future reference. Carefully observe all warnings, precautions and instructions on the appliance and in the operating instructions, and adhere to them.

INSTALLATION

Water and Moisture

Do not use powerline operated appliances near water - for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, etc.

Heat

Do not place the appliance near or over a radiator or heat register, or where it is exposed to direct sunlight.

Ventilation

The slots and openings in the cabinet are provided for necessary ventilation. To ensure reliable operation of the appliance, and to protect it from overheating, these slots and openings must never be blocked or covered.

- Never cover the slots and openings with a cloth or other materials.
- Never block the slots and openings by placing the appliance on a bed, sofa, rug or other similar surface.
- Never place the appliance in a confined space, such as a bookcase, or built-in cabinet, unless proper ventilation is provided.

Accessories

Do not place the appliance on an unstable cart, stand, tripod, bracket, or table. The appliance may fall, causing serious injury to a child or an adult, and serious damage to the appliance. Use only a cart, stand, tripod, bracket, or table recommended by Sony.
-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.

Wall or Ceiling Mounting

If your appliance can be mounted to a wall or ceiling, mount it only as recommended by Sony.

USE

Power Source

This appliance should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of electrical power supplied to your home, consult your dealer or local power company. For those appliances designed to operate from battery power, or other sources, refer to the operating instructions.

Grounding or Polarization

This appliance is equipped with a polarized AC power cord plug (a plug having one blade wider than the other), or with a three-wire grounding type plug (a plug having a third pin for grounding). Follow the instructions below:

For the appliance with a polarized AC power cord plug:

This plug will fit in 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 have a suitable outlet installed. Do not defeat the safety purpose of the polarized plug by forcing it in.

For the appliance with a three-wire grounding type AC plug:

This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to have a suitable outlet installed. Do not defeat the safety purpose of the grounding plug.

Overloading

Do not overload wall outlets, extension cords or convenience receptacles beyond their capacity, since this can result in fire or electric shock.

When not in use

Unplug the power cord of the appliance from the outlet when left unused for a long period of time. To disconnect the cord, pull it out by grasping the plug. Never pull the plug out by the cord.

Power-Cord Protection

Route the power cord so that it is not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the plugs, receptacles, and the point where the cord exits from the appliance.

Lightning

For added protection for this appliance 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 appliance due to lightning and powerline surges.

Object and Liquid Entry

Never push objects of any kind into the appliance through openings as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the appliance.

Cleaning

Unplug the appliance from the wall outlet before cleaning or polishing it. Do not use liquid cleaners or aerosol cleaners. Use a cloth lightly dampened with water for cleaning the exterior of the appliance. Clean the appliance only as recommended by Sony.

Attachments

Do not use attachments not recommended by Sony, as they may cause hazards.

ANTENNAS

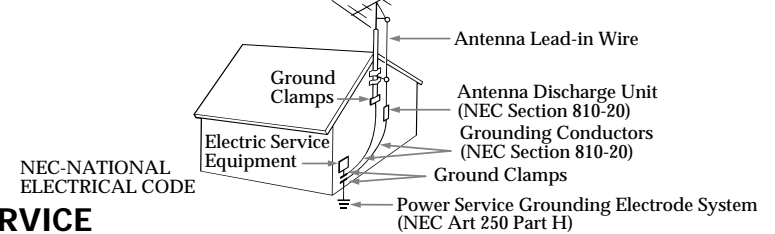
Outdoor Antenna Grounding

If an outdoor antenna or cable system is installed, follow the precautions below.

An outdoor antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can come in contact with such power lines or circuits. WHEN INSTALLING AN OUTDOOR ANTENNA SYSTEM, EXTREME CARE SHOULD BE TAKEN TO KEEP FROM CONTACTING SUCH POWER LINES OR CIRCUITS AS CONTACT WITH THEM IS ALMOST INVARIABLY FATAL.

Be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code 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.

Antenna Grounding According to the National Electrical Code



SERVICE

Damage Requiring Service

Unplug the appliance from the wall outlet and refer servicing to qualified service personnel under the following conditions:
-When the power cord or plug is damaged or frayed.
-If liquid has been spilled or objects have fallen into the appliance.
-If the appliance has been exposed to rain or water.
-The appliance does not appear to operate normally or exhibits a marked change in performance.
-This indicates a need for service.
-If the appliance does not operate normally when following the operating instructions, adjust only those controls that are specified in the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the appliance to normal operation.
-If the appliance has been subject to excessive shock by being dropped, or the cabinet has been damaged.

Servicing

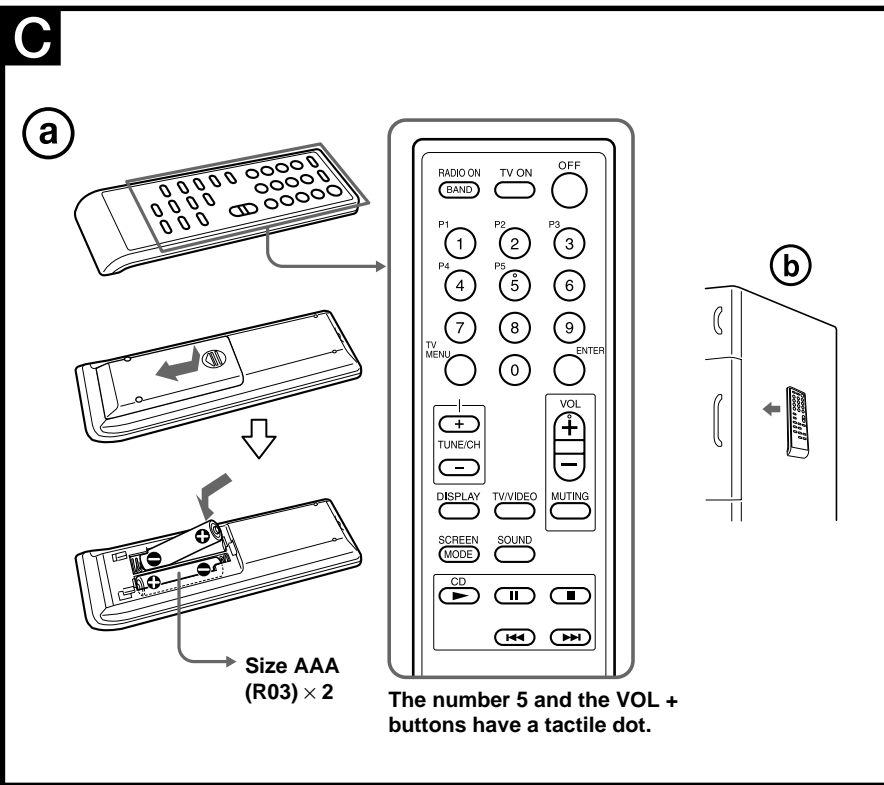
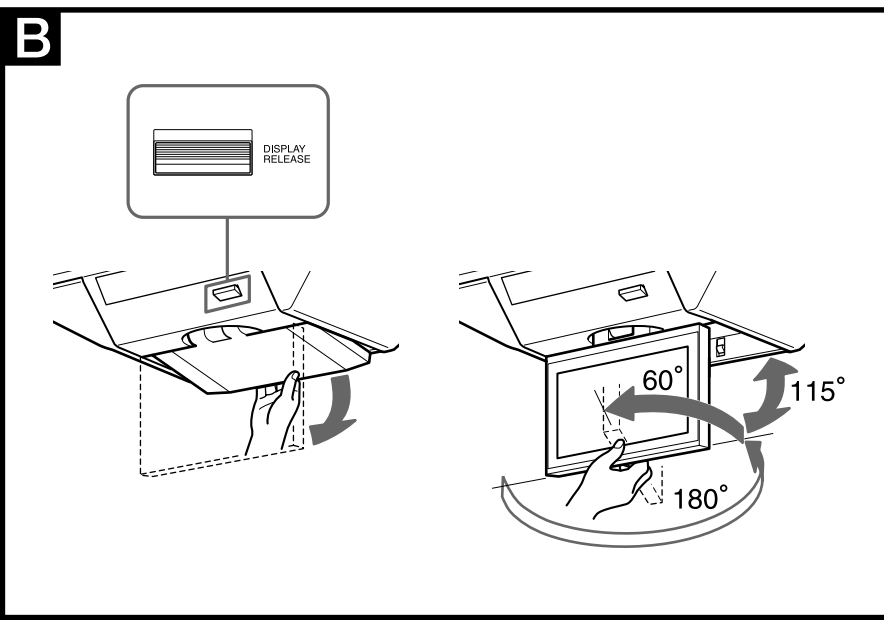
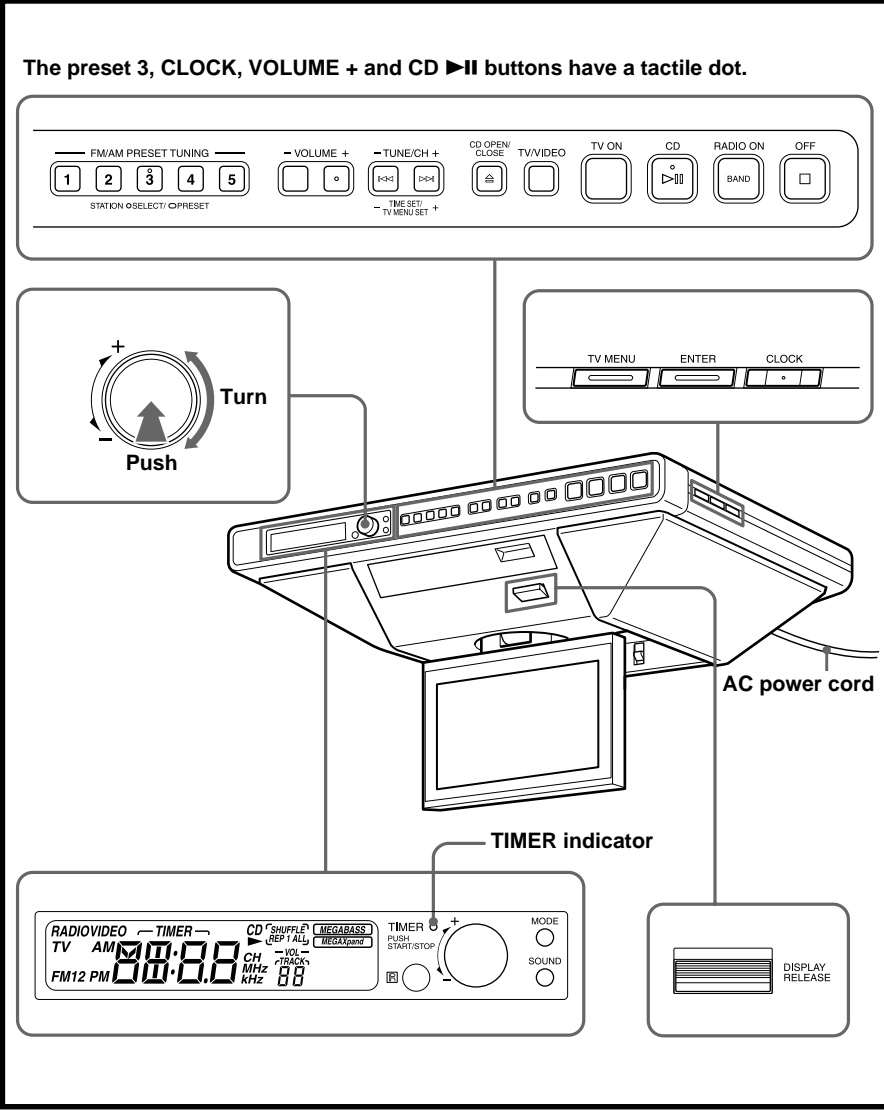
Do not attempt to service the appliance yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

Replacement parts

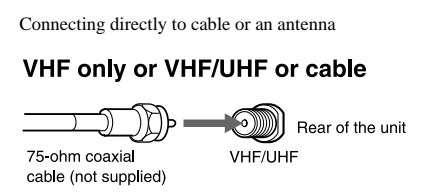
When replacement parts are required, be sure the service technician has used replacement parts specified by Sony that have the same characteristics as the original parts. Unauthorized substitutions may result in fire, electric shock, or other hazards.

Safety Check

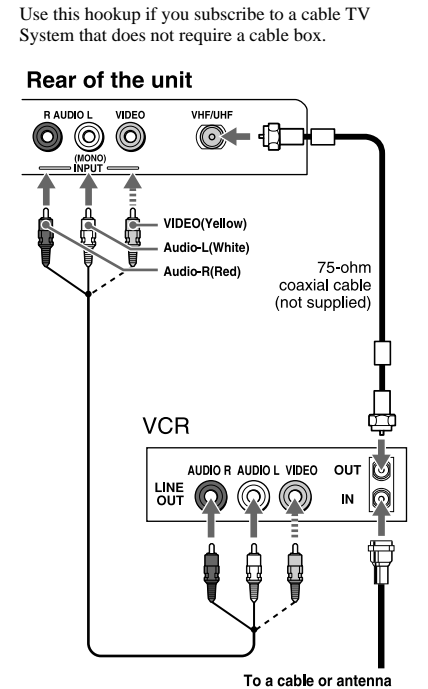
Upon completion of any service or repairs to the appliance, ask the service technician to perform routine safety checks (as specified by Sony) to determine that the appliance is in safe operating condition.



Basic Connections (Connecting Cable TV or Antenna)



Connecting a VCR and TV



Preparing the Remote

Installing the batteries into the remote (See Fig. C-2)
Insert two size AAA (R03) batteries (not supplied).

When to replace the batteries
With normal use, the batteries should last for about six months. When the remote no longer operates the kitchen clock radio, replace all the batteries with new ones.

Notes

- Do not charge the dry batteries.
- When you are not going to use the remote for a long time, remove the batteries to avoid any damage caused by leakage and corrosion.

Use of magnet (See Fig. C-3)
The magnet is attached on the back of remote. You can put the remote on an iron board such as on a refrigerator. However, do not operate the remote while putting on the board.

Note
Do not place the remote near the magnetic cards.

Setting the Clock

- Plug in the kitchen clock radio. The display will flash "AM 12:00".
 - Press **CLOCK** for a few seconds. You will hear a beep and the hour will start to flash in the display.
 - Press **TIME SET +** or **-** until the correct hour appears in the display.
 - Press **CLOCK** once. The minutes will flash.
 - Repeat steps 3 and 4 to set the minutes. After setting the minutes, press **CLOCK** to start the counting of the seconds, and you will hear two short beeps.
- To set the current time quickly, hold down **TIME SET +** or **-**.
12-hour system: "AM 12:00" = midnight
- In step 5, when you press **CLOCK** after the minute setting to activate the clock, the seconds start counting from zero.

Setting the display monitor (See Fig. B)

- Opening the display monitor**
- Press **DISPLAY RELEASE** to open the display monitor.
 - The monitor is released as illustrated. You can adjust the angle to avoid the reflection of light and get a better view of the TV.

Returning the display monitor to its enclosure

Close the display monitor until it clicks.

Tip
The display monitor can be closed both inside and outside.

Notes

- Be careful not to catch your finger in the display monitor when closing.
- Do not put any foreign objects between the LCD panel and the enclosure when closing.

Setting the Channels

After you finish connecting the unit, you can run Auto Program to set up your channels. The Initial Setup screen appears when you turn your TV on for the first time.

Using Initial Setup

- To run Initial setup the first time you turn on your TV
- Press **TV ON** to turn on the TV. The Initial Setup screen appears.
 - Press **FM/AM PRESET TUNING 1** button to perform Auto Program, or Press **FM/AM PRESET TUNING 2** button to exit. If you select the Auto Program, the display is able to choose "CABLE" or "ANTENNA" that appears in the monitor.
 - Press **FM/AM PRESET TUNING 1** or **2** button to select "CABLE" or "ANTENNA".

To perform Auto Program again

- Press **TV MENU**.
- Press **TV MENU SET +** or **-** to select "AUTO PROGRAM", then press **ENTER**.
- Press **TV MENU SET +** or **-** button to select "YES", then press **ENTER**. Auto Program automatically creates a list of receivable channels. When finished, the lowest numbered channel is displayed.

On the remote
The **FM/AM PRESET TUNING 1** or **2** button on the main unit is the same as the **P1** or **P2** button on the remote.

The **TV MENU SET +** and **-** on the main unit is the same as the **TUNE/CH +** and **-** on the remote.

Watching the TV

- Press **TV ON**.
- Select the desired channel using the 0-9 and **ENTER** buttons on the remote. Press **0-9** to select a channel, the channel changes after 2 seconds. Press **ENTER** to select immediately. Use the **TUNE/CH +** or **-** buttons to scan through the channels.

Tip
When you press and hold **TUNE/CH +** or **-**, the channel number will change rapidly.

Adjust the volume using the **VOLUME (VOL) +** or **-** buttons.

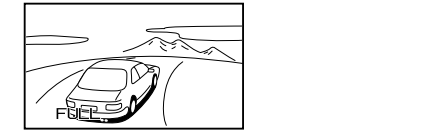
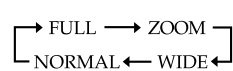
Watching the Video

Press **TV/VIDEO**.

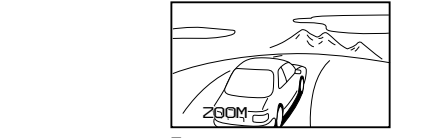
Setting the screen mode

In addition to the full mode, zoom, wide, and normal modes are also available.

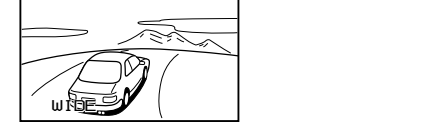
Press MODE (SCREEN+MODE) repeatedly.
The current mode is displayed on the screen first. Each time the button is pressed, the screen mode switches in the following sequence:



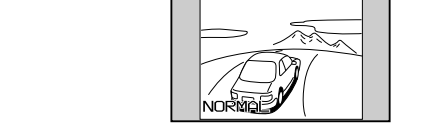
Full
An image with an aspect ratio of 4 : 3 enlarged to the left and right edges of the screen.



Zoom
An image with an aspect ratio of 4 : 3 enlarged to the left and right edges of the screen, with the overflowing parts (top and bottom) cut off to fill the screen.



Wide
An image with an aspect ratio of 4 : 3, with only the left and right sides of the image being enlarged to fill the screen.



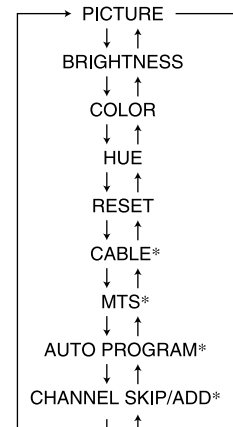
Normal
An image with an aspect ratio of 4 : 3 (regular image).

Tip
Images may appear grainy when viewed in the zoom mode.

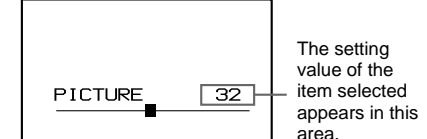
Changing the display settings

You can adjust the display settings manually if the display is hard to see from your seated position.

- Press **TV MENU**. The "PICTURE" screen appears. Each time you press **TV MENU SET +** or **-**, the setting screen changes in the following sequence:



- * TV function only
- Press **TV MENU SET +** to increase the contrast. Press **-** to decrease contrast.
 - Press **ENTER** to adjust to the desired setting.



- BRIGHTNESS:**
Press **TV MENU SET +** to brighten the picture. Press **-** to darken the picture.
- COLOR:**
Press **TV MENU SET +** to increase color saturation. Press **-** to decrease color saturation.
- HUE:**
Press **TV MENU SET +** to increase red tones. Press **-** to decrease the green tones.
- RESET:**
Press **TV MENU SET +** or **-** to select "YES."
- CABLE:**
ON: Select if you are receiving cable channels with a CATV cable.
OFF: Select if you are using a TV antenna.
- MTS:**
Press **TV MENU SET +** or **-** to select one of the following options.
- STEREO:**
Select when viewing a broadcast in stereo.
- MONO:**
Select to reduce noise in areas of poor reception.
- AUTO SAP:**
Select to have the TV automatically switch to a second audio program(SAP) when a signal is received.

AUTO PROGRAM:
Press **TV MENU SET +** or **-** to select "YES," then press **ENTER**. The TV will scan through all available channels and program receivable channels.

On the remote
The **TV MENU SET +** and **-** on the main unit is the same as the **TUNE/CH +** and **-** on the remote.

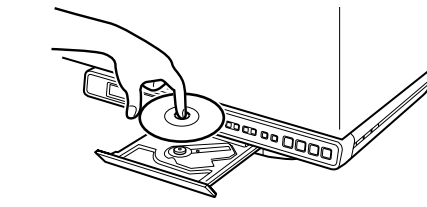
To watch CATV channels

You have to subscribe to a cable TV company. Note that cable TV cannot be received in some areas. This TV receives 1-125 cable TV channels. For details on cable TV subscription, consult your nearest cable TV company.

Note
You cannot receive and set the CATV channels and UHF channels at the same time.

Playing a CD

- Press **▲ CD OPEN/CLOSE** to open the disc tray, and place a CD on the disc tray.



- Press **▲ CD OPEN/CLOSE** to close the disc tray.
- Press **CD ►II** (on the remote). "CD►" and "TRACK 01" appear on the display to indicate that track 1 of the CD is playing.
- Adjust volume using **VOLUME (VOL) +** or **-**.

To	Press
Pause	CD ►II (on the remote)
Resume play after pause	CD ►II again (on the remote)
Locate the beginning of the current track (AMS*)	◀◀ **
Locate the next track (AMS)	▶▶ **
Go back at high speed	Hold down ◀◀ **
Go forward at high speed	Hold down ▶▶ **
Locate the previous track (AMS)	◀◀ repeatedly**
Locate the succeeding track (AMS)	▶▶ repeatedly**
Stop play	■ OFF

* AMS = Automatic Music Sensor
** These operations are possible during both play and pause.

Locating a specific track

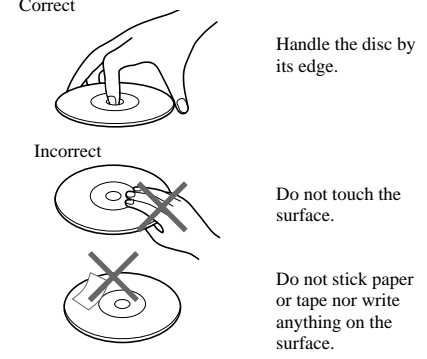
- You can quickly locate any track using the number 0-9 buttons on the remote.
- Press the number 0-9 buttons to select a track.
 - Press **ENTER**. Press 0-9 to select a track. The track changes after 2 seconds. Press **ENTER** to select immediately.

About CD-Rs/CD-RWs
This unit is compatible with CD-Rs/CD-RWs but playback capability may vary depending on the quality of the disc, the recording device and application software.

Music discs encoded with copyright protection technologies

This product is designed to play back discs that conform to the Compact Disc (CD) standard. Recently, various music discs encoded with copyright protection technologies are marketed by some record companies. Please be aware that among those discs, there are some that do not conform to the CD standard and may not be playable by this product.

To handle compact discs

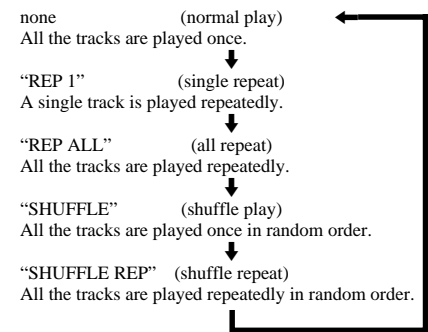


- Notes**
- Discs with non-standard shapes (e.g., heart, square, star) cannot be played on this unit. Attempting to do so may damage the unit. Do not use such discs.
 - If you press **CD ►II** (on the remote) when there is no disc in the CD compartment, "00" flashes for about 5 seconds on the display and the unit turns off automatically.
 - After 20 minutes, playback will stop when you press **CD ►II** (on the remote) during playback.

Various Modes of CD Playback

You can play tracks repeatedly or in random order.

Press **MODE**. Each press changes the play mode as follows:



Playing the Radio —Manual Tuning

- Press **RADIO ON/BAND** to turn on the radio. "RADIO" appears in the display. The display shows the band and frequency for a few seconds and then changes back to the current time.
- Press **RADIO ON/BAND** repeatedly to select the desired band. Each press changes the band as follows:
AM → **FM1** → **FM2**
- Use **TUNE/CH +** or **-** to tune in to the desired station. Two short beeps sound when the minimum frequency of each band is received during tuning.
- Adjust volume using **VOLUME (VOL) +** or **-**.

When using FM1 or FM2 preset mode, you may listen to the radio on either mode (See "Presetting Your Favourite Station").

Use **TUNE/CH +** or **-** to tune in to the desired station. Two short beeps sound when the minimum frequency of each band is received during tuning.

Adjust volume using **VOLUME (VOL) +** or **-**.

To check the station being received

Press **RADIO ON/BAND** lightly. The display shows the band and frequency for a few seconds and then changes back to the current time.

To turn off the radio, press ■ OFF.

Switching between monaural and stereo

The radio is set for stereo reception at the default setting. If FM stereo reception is poor, set to "FM MONO (monaural)." Noise will be reduced although the sound will not be heard in stereo.

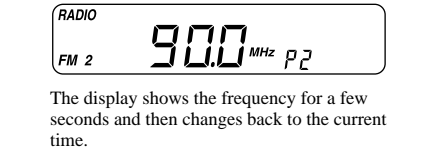
- Press **RADIO ON/BAND** to turn on the radio.
- Press **RADIO ON/BAND** repeatedly to select FM 1 or FM 2.
- Press **MODE (SCREEN+MODE)**. "Mono(monaural)" or "ST(Stereo)" appears in the display. Each time you press **MODE**, the mode changes to either "Mono" or "ST."
- Select Mono or ST. The mode you select appears in the display for a few seconds and returns to the current time.

Presetting Your Favourite Station —Preset Tuning

You can preset 10 stations in FM (5 stations in FM1, 5 stations in FM2) and 5 stations in AM.

Presetting a Station

- Follow steps 1 to 4 in "Playing the Radio" and manually tune in to the station you wish to preset.
- Hold down the **FM/AM PRESET TUNING** button you wish to preset for more than 2 seconds. **Example:** Display window when you preset FM 90 MHz in the **FM/AM PRESET TUNING** button 2 for FM2.



The display shows the frequency for a few seconds and then changes back to the current time.

To preset another station, repeat these steps. To change the preset station, tune in to the desired station and hold down the **FM/AM PRESET TUNING 1-5** button. The new station will replace the previous station on the **FM/AM PRESET TUNING** button.

Tuning in to a Preset Station

- Press **RADIO ON/BAND** to turn on the radio.
- Press **RADIO ON/BAND** to select the band.
- Press the desired **FM/AM PRESET TUNING** button.
- Adjust the volume using **VOLUME (VOL) +** or **-**. After a few seconds, the display returns to the current time but the **PRESET TUNING** button number remains.

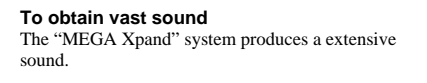
Note
Holding down the desired **FM/AM PRESET TUNING** button for more than a few seconds in step 3 will replace the previous station on the **FM/AM PRESET TUNING** button with the station you tuned into.

On the remote
The **FM/AM PRESET TUNING 1-5** button on the main unit is the same as the **P1-P5** button on the remote.

Other Useful Functions

Selecting the audio emphasis

Press **SOUND** repeatedly to select the desired sound mode. Each press changes the sound mode as follows:



To obtain vast sound
The "MEGA Xpand" system produces an extensive sound.

To obtain powerful bass sound
The "MEGA BASS" system produces a powerful bass sound.

Note
"MEGA Xpand" is not effective in monaural.

Attenuate the volume

Press **MUTING** on the remote. While attenuating, "VOL 0" flashes on the display. To return to the previous volume level, press **MUTING** again.

To display channel number

Press **DISPLAY** on the remote. The current channel number appears in the display. Press **DISPLAY** once to turn display off.

Operating the Cooking Timer (Countdown Timer)

- The timer can be set at one minute intervals between 1-120.
- Turn **TIMER** until the desired time appears in the display. "TIMER" will appear in the display when **TIMER** is turned. After setting the time, the current time is displayed again if you do not perform any operation for more than 65 seconds.
 - Push **TIMER** once. Timer indicator lights and beep sounds. While the timer is set, the display shows the remaining time.

To display the current time, press **CLOCK**.

Cooking Timer ON—

When the time has elapsed, the buzzer will sound and the **TIMER** indicator flashes. Even if the CD or the radio, TV is being played, the buzzer of the timer sounds together. While the buzzer sounds, the volume of the CD, radio or TV is decreased. The volume returns to the previous volume level when the buzzer stops.

Cooking Timer OFF—

The buzzer is turned off automatically after 60 minutes and the display shows current time.

To Stop Cooking Timer

Press **TIMER** to turn off the buzzer.

To Deactive Cooking Timer

Press **TIMER**. The **TIMER** indicator goes off and the current time appears in the display.

Note
If a power failure occurs while the Cooking timer is operating, the remaining time becomes invalid.