3-265-481-11(1) SONY

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

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

stment or modification. Thank you



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http://www.sony.net/

SONY®

Tape Cassette Player/Recorder/CD Player/Mini Disc DAT/Radio/Head Phone/Speaker/MIC/Personals

Portable Audio

LIMITED WARRANTY

Sony Electronics Inc. ("Sony") warrants this Product (including any accessories) against defects in material or

- LABOR: For a period of one (1) year from the date of purchase, if this Product is determined to be defective, Sony will repair or replace the Product, at its option, at no charge, or pay the labor charges to any Sony authorized service facility. After the Warranty Period, you must pay for all labor charges.
- PARTS: In addition, Sony will supply, at no charge, new or rebuilt replacements in exchange for defective parts for a period of one (1) year. After the warranty period, you must pay for all parts costs,
- 3. ACCESSORIES: Parts and labor for all accessories are for one (1) ye

To obtain warranty service, you must take the Product, or deliver the Product freight prepaid, in either its original packaging or packaging affording an equal degree of protection, to any authorized Sony service facility.

This warranty does not cover customer instruction, installation, set up adjustments or signal reception prob-

This warranty does not cover cosmetic damage or damage due to acts of God, accident, misuse, abuse, negligence, commercial use, or modification of, or to any part of the Product, including the antenna. This warranty does not cover damage due to improper operation or maintenance, connection to improper voltage supply, or attempted repair by anyone other than a facility authorized by Sony to service the Product. This warranty does not cover Products sold AS IS or WITH ALL FAULTS, or consumables (such as fuses or batteries). This warranty is useful any in the La living States.

Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the unit is within the

This warranty is invalid if the factory applied serial number has been altered or removed from the Product

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. SONY SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBE TED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITTESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. In addition, if you enter into a service contract with the Sony Partnership within 90 days of the date of sale, the limitation on how long an implied warranty lasts does not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

For your convenience, Sony Electronics Inc. has established telephone numbers for frequently asked questions

To locate the servicer or dealer nearest you, or for service assistance or resolution of a service problem, or for

stomer Information Services Cen 1-800-222-7669 or visit the Sony Web Site:

For an accessory or part not available from your authorized dealer, call:

1-800-488-SONY (7669

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 apparatu

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK) NO USER-SERVICEARI E PARTS INSIDE

ERVICING TO QUALIFIED SERVICE PERSONNE

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

nent 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 articular installation. If this equipment does cause armful 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 interference by one or more of the following

- 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 nected 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

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 sion of the sound field
- · Easy Set, One Touch Cooking Timer
- Magnetic Remote Commande

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 airduct, or in a place subject to direct sunlight, excessive dust, mechanical vibration, or shock.
- Allow adequate air circulation to prevent internaheat 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

Adjust Color in the COLOR menu under TV

Only video noise (snowing) appears on the

- 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

Double images or ghosts

· Check your outdoor antenna or call your cable

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

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

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.

- · 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.

Improving the **Specifications SPECIFICATIONS**

the unit.

Under a Cabinet (See Fig. A)

The unit can be installed without the spacer

- **2** When the cabinet door overhangs the shelf and obstructs the unit, you can adjust the unit/shelf height.

becomes the lowest position, then you can adjust the height in 4 steps (H••L) by turning the spacer counterclockwise. (See

3 Install the unit with the supplied mounting screws. (See Fig. A-@)

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

Radio section

General

Time display: 12-hour system Speaker: 77 mm (3 $\frac{1}{8}$ inches) dia, 6 Ω Power outputs: 1.8 W + 1.8 W (at 10% harmonic distortion)

Power requirements: 120 V AC, 60 Hz

Approx. $400 \times 104 \times 323 \text{ mm (w/h/d)}$ (Approx. $15 \frac{3}{4} \times 4 \frac{1}{8} \times 12 \frac{3}{4}$ 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.

Reception

FM: The AC power cord functions as an FM antenna Extend the AC power cord fully to improve FM

AM: When installing the unit, rotate the unit horizontally for optimum reception and then install the unit. A ferrite bar antenna is built into

Installing the Unit

- 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., $\frac{9}{32}$ inch). (See Fig. **A**-**a**)
- First set the L mark to the dot which
- Fig. A-b)

- Since the unit is quite heavy, be careful when
- · Hold the unit horizontally when installing it. since he 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

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.

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

Accessories

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. Ventilation

-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.

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

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 always the power outlet only one way. This is a safety feature. If you are unable to 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 have a suitable outlet installed. Do not defeat the safety purpose of the polarized

-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 cord so that it is not likely to be walked on or pinched by items placed upon or ring particular attention to the plugs, receptacles, and the point where the cord exits

Route the power cord so that it is n against them, paying particular attefrom the appliance. Lightning or added protection for this appliance during a lightning storm, or when it is left unattended and nused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable ystem. This will prevent damage to the appliance due to lightning and powerline surges.

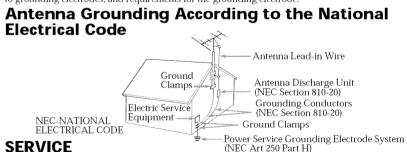
Object and Liquid EntryNever push objects of any kind into the appliance through openings as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the appliance. Cleaning Unplug the appliance from the wall outlet before 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

hments 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.



Damage Requiring Service nce from the wall outlet and refer servicing to qualified service personnel under the

following conditions:

-When the power cord or plug is damage 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.
-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.

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.

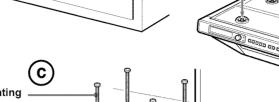
Replacement parts

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

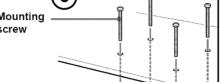
To prevent fire or shock hazard, do not expose the unit to rain or moisture.

Spacer

L (Low)



b





AUDIO POWER

distortion in AC operation.

TV section

Antenna:

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

Television system: American TV standard/NTSC Channel coverage:
VHF: 2-13/UHF: 14-69/CATV: 1-125

75-ohm external antenna terminal for VHF/UHF

Display type: Wide LCD color monitor

System: Compact disc digital audio system Laser diode properties: Material: GaAlAs

Frequency response: 20 - 20 000 Hz 11 dB

Wow and flutter: Below measurable limi

(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.)

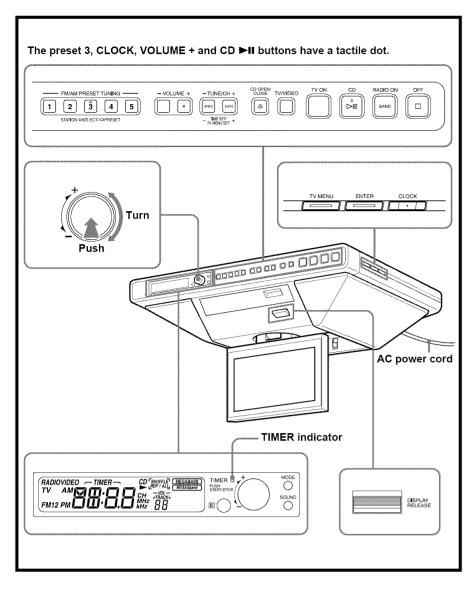
Emission duration: Continuous Laser output: Less than 44.6 µW

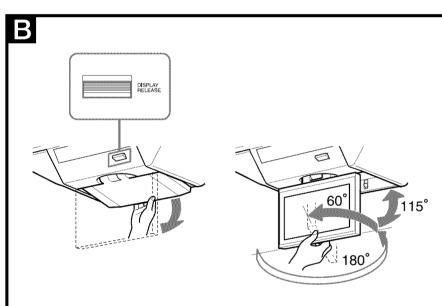
System: TFT active matrix
Number of pixel: 336,960 pixels

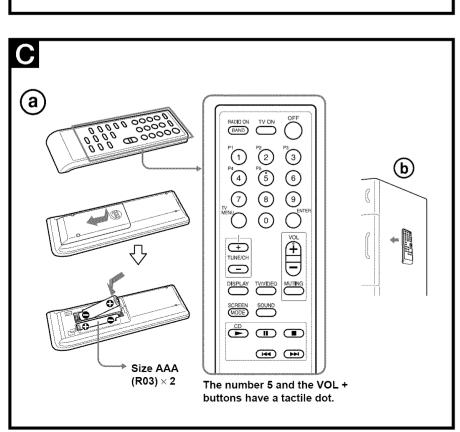
CD player section

Wavelength: 780 nm

(a)



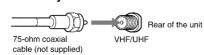




Basic Connections (Connecting Cable TV or Antenna)

Connecting directly to cable or an antenna

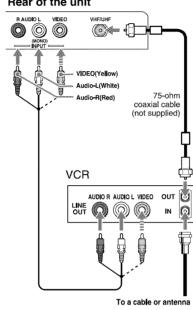
VHF only or VHF/UHF or cable



Connecting a VCR and TV

Use this hookup if you subscribe to a cable TV

Rear of the unit



Preparing the Remote

Installing the batteries into the remote (See Fig. (G-a))

vo 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

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**-b)

The magnet is attached on the back of remote. You can put the remote on a iron board such as on a refrigerator. However, do not operate the remote while puttng on the board.

Do not place the remote near the magnetic cards.

Setting the Clock

- 1 Plug in the kitchen clock radio
- The display will flash "AM 12:00" 2 Press CLOCK for a few seconds You will hear a beep and the hour will start to



- 3 Press TIME SET + or until the correct
- hour appears in the display

4 Press CLOCK once



5 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.

set the current time quickly, hold down TIME 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

Setting the display monitor (See Fig. B)

Opening the display monitor

- 1 Press DISPLAY RELEASE to open the display monito
- **2** 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.

The display monitor can be closed both inside and

- 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

Using Initial Setup

- **1** Press **TV ON** to turn on the TV.
- The Initial Setup screen appears.

 2 Press FM/AM PRESET TUNING 1 button to perform Auto Program, or Press FM/AM PRESET TUNING 2 button

If you select the Auto Program, the display is able to choose "CABLE" or "ANTENNA" that

3 Press FM/AM PRESET TUNING 1 or 2 button to select "CABLE" or ANTENNA"

To perform Auto Program again

- 1 Press TV MENU
- 2 Press TV MENU SET + or to select "AUTO PROGRAM", then press ENTER.
- 3 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.

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

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

Watching the TV

- 1 Press TV ON.
- 2 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

Use the TUNE/CH + or - buttons to scan through

When you press and hold TUNE/CH + or -, the

channel number will change rapidly

3 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

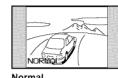
An image with an aspect ratio of 4:3 enlarged to the left and right edges of the screen



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



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



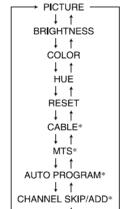
An image with an aspect ratio of

Changing the display settings

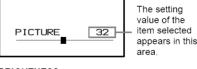
You can adjust the display settings manually if the display is hard to see from your seated position.

1 Press TV MENU

Each time you press TV MENU SET + or -, the setting screen changes in the following sequence



- * TV function only
- 2 Press ENTER to adjust to the desired



Press TV MENU SET + to brighten the ure. Press - to darken the picture. COLOR Press TV MENU SET + to increase color

HUE: Press TV MENU SET + to increase red tones. Press - to decrease the green tones.
Press TV MENU SET + or - to select RESET:

Select if you are receiving cable channels with a CATV cable.

: Select if you are using a TV antenna.

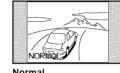
Press TV MENU SET + or - to select one of the following options

MONO: Select to reduce noise in areas of poor



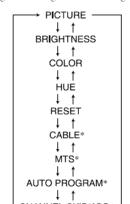






Images may appear grainy when viewed in the zoom mode.

The "PICTURE" screen appear



PICTURE: Press TV MENU SET + to increase the



BRIGHTNESS

Select when viewing a broadcast in stereo

Select to have the TV automatically switch to a second audio program(SAP) when a signal

AUTO PROGRAM Press TV MENU SET + or - to select "YES," then press ENTER. The TV will scan through

all available channels and program receivable

The TV MENU SET + and - on the main unit is the

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 or

You cannot receive and set the CATV channels and

An 8 cm (3-inch) CD can be played without an adapter

1 Press **△** CD OPEN/CLOSE to open the

2 Press CD OPEN/CLOSE to close the

"CD" and "TRACK 01" appear on the display

Press

CD ►II

|

(on the remote)

(on the remote)

Hold down I◀◀ **

Hold down ▶▶I**

►► repeatedly**

■ OFF

** These operations are possible during both play and

You can quickly locate any track using the number

1 Press the number **0-9** buttons to select a

Press 0-9 to select a track. The track changes after

CD ►II again

3 Press CD ►II (► on the remote).

or -

Resume play after pause

Locate the beginning of the current track (AMS*)

Locate the next track

Go back at high speed

Go forward at high speed

Locate the previous track

* AMS = Automatic Music Sensor

Locating a specific track

Press ENTER to select immediately

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

Music discs encoded with

This product is designed to play back discs that conform to the Compact Disc (CD) standard.

and may not be playable by this product

To handle compact discs

Correct

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

Handle the disc by

Do not touch the

Do not stick paper or tape nor write

anything on the surface

its edge

copyright protection

Locate the succeeding

0-9 buttons on the remote

2 Press ENTER.

About CD-Rs/CD-RWs

technologies

track.

(AMS)

(AMS)

track (AMS)

Stop play

to indicate that track 1 of the CD is play

4 Adjust volume using VOLUME(VOL) +

disc tray, and place a CD on the disc tray.

same as the TUNE/CH + and - on the remote

To watch CATV

channels

UHF channels at the same time

Playing a CD

 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 $CD \blacktriangleright II$ (\blacktriangleright 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 be stop when you press CD ►II (II on the remote) during playback.

Various Modes of CD Playback

Press MODE.

Each press changes the play mode as follows:

Display indication Play mode (normal play) All the tracks are played once "REP 1" (single repeat) "REP 1"
A single track is played repeatedly "REP ALL" (all repeat) All the tracks are played repeatedly. "SHUFFLE" (shuffle play) All the tracks are played once in random order

Playing the Radio -Manual Tuning

"SHUFFLE REP" (shuffle repeat)
All the tracks are played repeatedly in random order

1 Press RADIO ON/BAND to turn on the "RADIO" appears in the display. The display shows the band and frequency for a few seconds and then changes back to the current time

2 Press RADIO ON/BAND repeatedly to select the desired band. Each press changes the band as follows:

 \rightarrow AM \rightarrow FM1 \rightarrow FM2 \neg

When using FM1 or FM2 preset mode, you may listen to the radio on either mode (See "Presetting Your Favourite Station"). 3 Use TUNE/CH + or - to tune in to the

Two short beeps sound when the minimum requency of each band is received during tur 4 Adjust volume using **VOLUME(VOL)** +

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.

desired station.

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.

- 1 Press RADIO ON/BAND to turn on the
- 2 Press RADIO ON/BAND repeatedly to select FM 1 or FM 2.
- 3 Press MODE(SCREEN·MODE). "Mono(monaural)" or "ST(Stereo)" appears in the display. Each time you press ${f MODE}$, the mode

4 Select Mono or ST. The mode you select appears in the display for a few seconds and returns to the current tir

Presetting Your Favourite Station -Preset Tuning

changes to either "Mono" or "ST.

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

Presetting a Station

1 Follow steps 1 to 4 in "Playing the Radio" and manually tune in to the station you wish to preset.

2 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

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

1 Press RADIO ON/BAND to turn on the

2 Press RADIO ON/BAND to select the

3 Press the desired FM/AM PRESET TUNING button.

4 Adjust the volume using **VOLUME(VOL)**

After a few seconds, the display returns to the current time but the **PRESET TUNING** button

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

The FM/AM PRESET TUNING 1-5 button on the

main unit is the same as the P1-P5 button on the

Other Useful

Functions Selecting the audio emphasis

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

→ MEGA BASS → MEGA XPAND -OFF ← MEGA BASS + MEGA XPAND ←

To obtain vast sound The "MEGA Xpand" system produces a extensive

To obtain powerful bass sound

Attenuate the volume

The "MEGA BASS" system produces a powerful bass

"MEGA Xpand" is not effective in monaural.

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

The current channel number appears in the display

To display channel number Press **DISPLAY** on the remote.

Press DISPLAY once to turn display off. **Operating the**

Cooking Timer

(Countdown Timer)

The timer can be set at one minute intervals between 1-120.1 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

erform any operation for more than 65 seconds 2 Push TIMER once. Timer indicator lights and been 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

Cooking Timer OFF—

The buzzer is turned off automatically after 60 utes and the display shows current time To Stop Cooking Timer

To Deactive Cooking Timer Press **TIMER**. The TIMER indicator goes off and the current time appears in the display.

If a power failure occurs while the Cooking timer is

operating, the remaining time becomes invalid