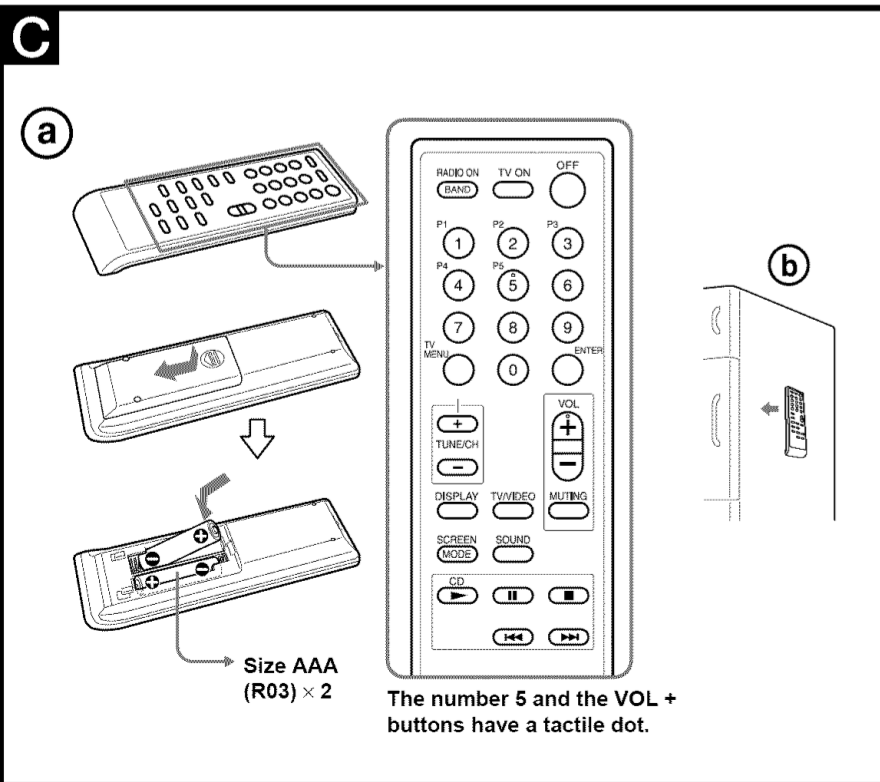
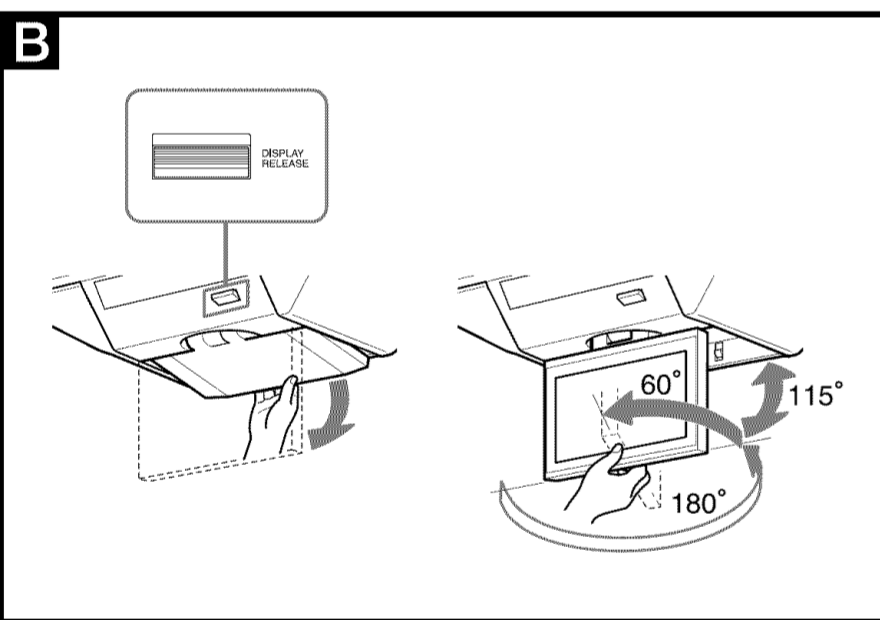
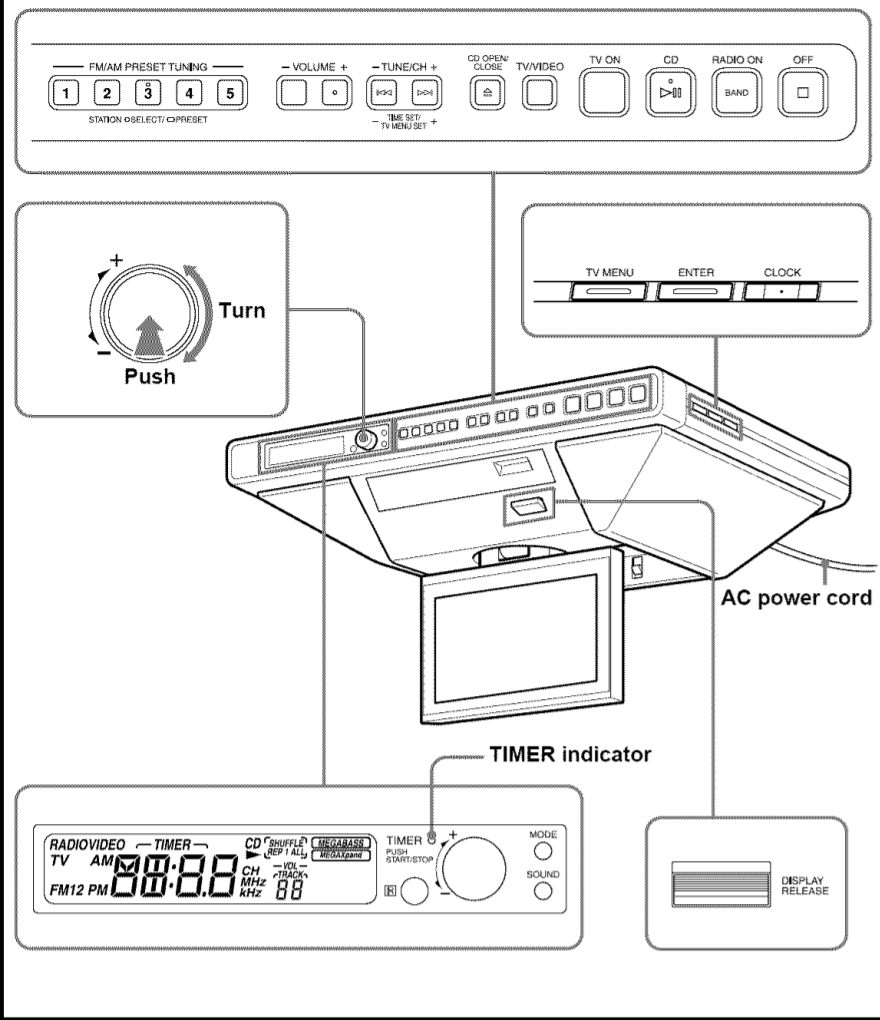


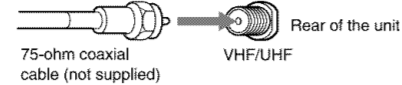
The preset 3, CLOCK, VOLUME + and CD ►II buttons have a tactile dot.



Basic Connections (Connecting Cable TV or Antenna)

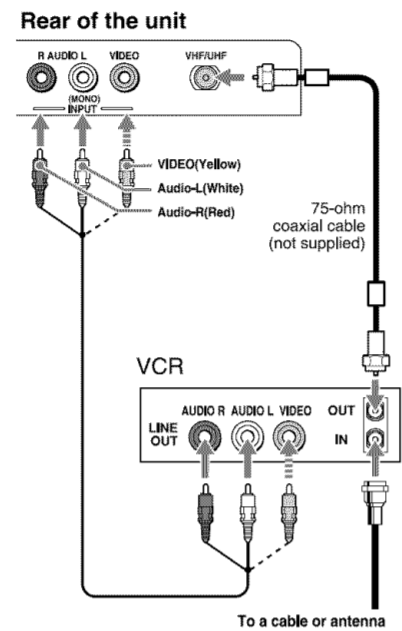
Connecting directly to cable or an antenna

VHF only or VHF/UHF or cable



Connecting a VCR and TV

Use this hookup if you subscribe to a cable TV System that does not require a cable box.



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 "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.

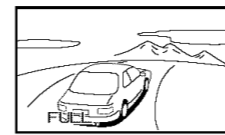
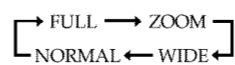
Watching the Video

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:



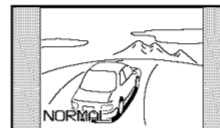
Full
An image with an aspect ratio of 4:3 enlarged to the left and right edges of the screen.



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.



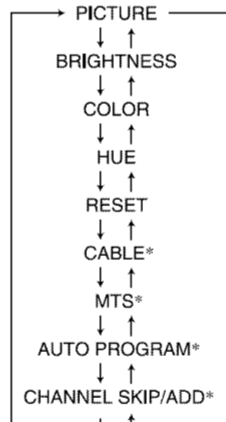
Normal
An image with an aspect ratio of 4:3 (regular image).

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

Changing the display settings

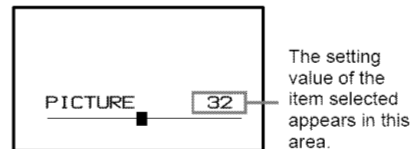
You can adjust the display settings manually if the display is hard to see from your seated position.

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



- 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

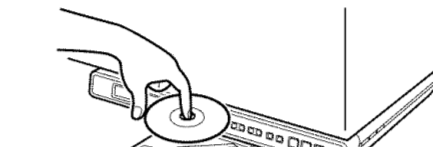
You have to subscribe to a cable TV company. Note that cable TV cannot be received in some areas. This TV receives 1-125 cable TV channels. For details on cable TV subscription, consult your nearest cable TV company.

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

Playing a CD

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

- 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 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.

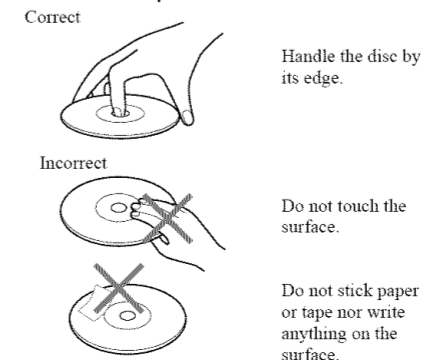
About CD-Rs/CD-RWs

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

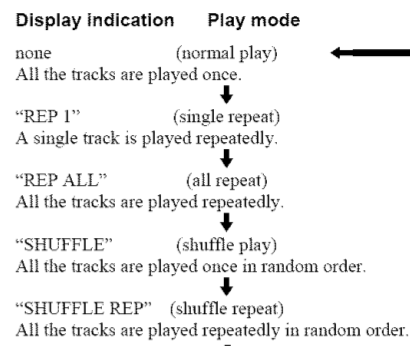


- Notes**
- Discs with non-standard shapes (e.g., heart, square, star) cannot be played on this unit. Attempting to do so may damage the unit. Do not use such discs.
 - If you press **CD ►II** (on the remote) when there is no disc in the CD compartment, "00" flashes for about 5 seconds on the display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

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.

- 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.

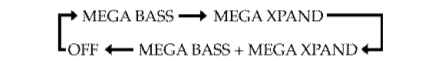
On the remote
The **FM/AM PRESET TUNING 1-5** button on the main unit is the same as the **P1-P5** button on the remote.

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.