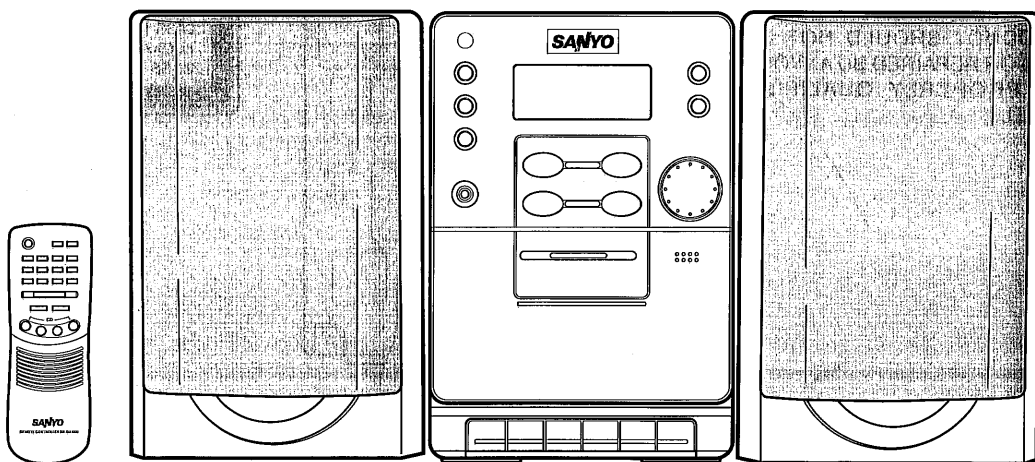


SANYO

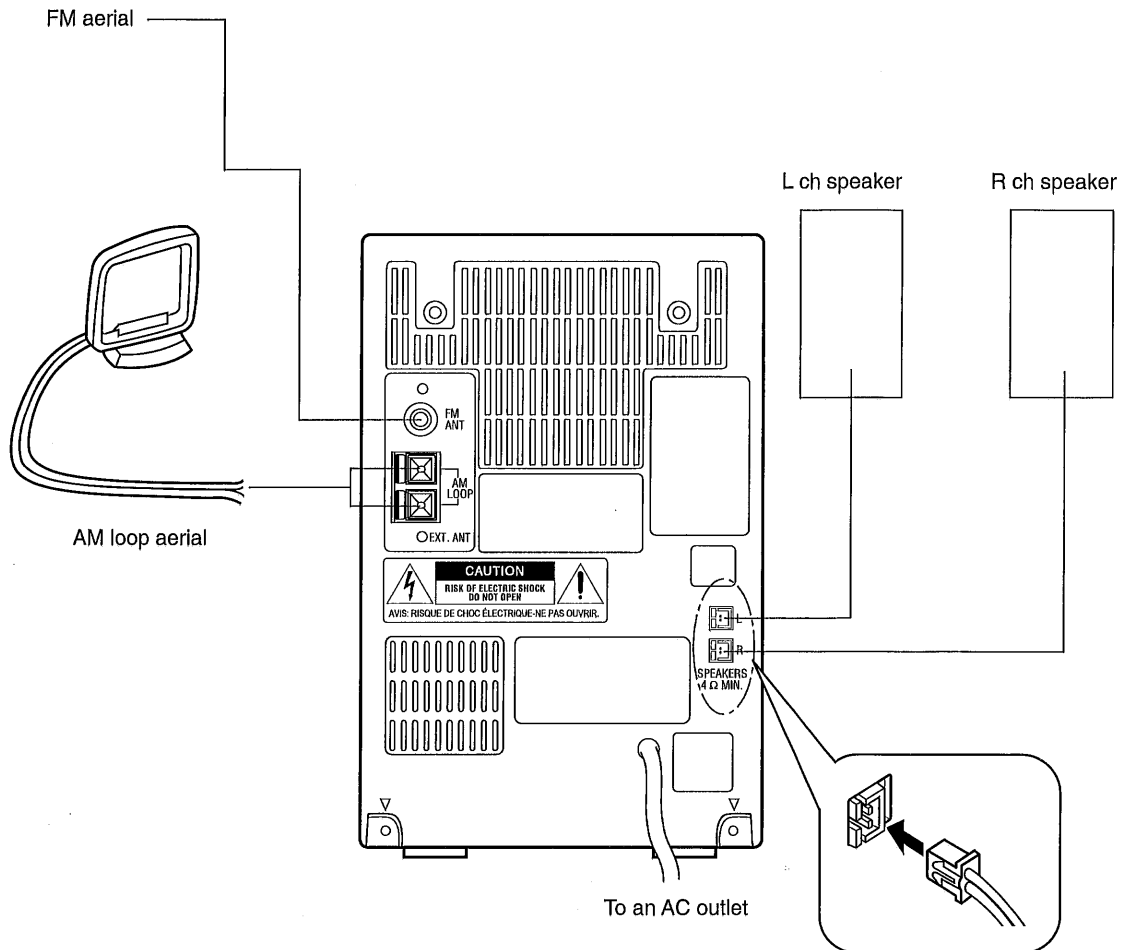
INSTRUCTION MANUAL

DC-DA1150

Micro Component System



CONNECTIONS



Note:

- Do not connect the mains lead to an AC outlet until all connections have been made.
- The system is not completely disconnected from the mains when the \odot /ON button is set to the \odot position.

Speakers

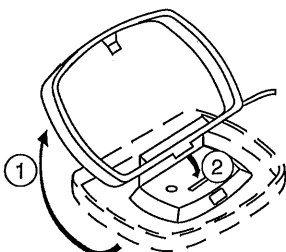
Connect the connector of the left speaker lead to the "L" SPEAKERS socket and the connector of the right speaker lead to the "R" socket. If you have difficulty inserting the speaker lead connector, turn it over and reinsert it.

FM Aerial

FM indoor aerial is sufficient to receive broadcasts. Extend the aerial wire as straight as possible and, while listening to the sound from the system, secure it in a position which yields minimal distortion and noise.

AM Loop aerial

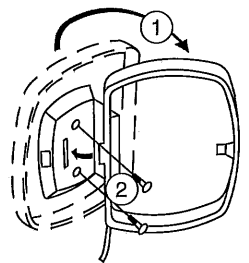
Assemble the loop aerial as shown in figure.



Unwind the aerial wires, then connect them to the AM LOOP terminals. Place the loop aerial in a position which yields the best AM reception, or attach it to a wall or other surface as shown in figure.

Note:

To minimize noise, the speaker, mains and any other leads should not come close to the indoor or external aerial lead and AM loop aerial. Do not place the aerial leads close to the system.



Screws (not supplied)

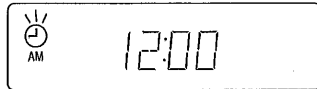
Headphones

Connect stereo headphones (not supplied) to the PHONES socket for monitoring or for private listening. The speakers are automatically disconnected when headphones are connected.

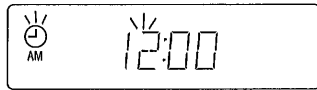
ADJUSTING THE CLOCK (Main unit only)

Example: To set "PM 6:30",
First, press the \odot /ON button to turn the power off. Only the clock display appears.

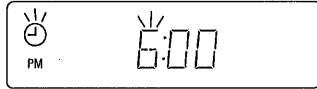
1. Press the CLOCK/TIMER button for at least 2 seconds, " \odot " blinks on the display.



2. Press the MEMORY button. The hours display blinks.



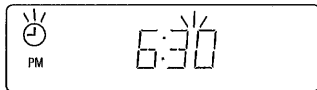
3. Turn the VOLUME control to set the "hours".



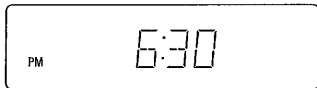
4. Press the MEMORY button. The minutes display blinks.



5. Turn the VOLUME control to set the "minutes".



6. Press the MEMORY button. The clock starts.



- The time can be set accurately by pressing the MEMORY button when a time signal is heard.

- To display the clock during operation, press the CLOCK/TIMER button briefly. After a few seconds, the original display returns.
- If a power failure occurs or the mains lead is disconnected, the clock display blinks. Reset the time again.

Changing the clock to the 24-hour display

1. Press the \odot /ON button to turn the power off and present time display.
2. While clock is displaying, press the CD stop button on the main unit and hold it, then press the BASS button on the top panel.

Example: PM 1:00 \rightarrow 13:00

To return the original setting, repeat steps above.

BEFORE OPERATION

Turning the power on and off

Press the \odot /ON button. The display lights.

To turn the power off, press the \odot /ON button again, the clock display remains lit.

- When the mains lead is connected to the AC outlet, the unit will respond to commands from the remote control.

Direct start function

If the following buttons are pressed when the unit is in standby, the unit turns on automatically and the function is set.

CD section	\blacktriangleright /
Tuner	TUN/BAND
Remote control	\blacktriangleright / , TUNER/BAND

Selecting the function

Press the FUNCTION button to select the desired function. Each time the button is pressed, the display changes as follows:

CD \rightarrow TUNER \rightarrow TAPE \rightarrow CD \rightarrow ...

The function is automatically selected when CD play is started or when the TUNER/BAND button has been pressed. (except during recording)

- When the function selection is changed, CD play is automatically stopped.

Adjusting the volume

Turn the VOLUME control, or press the + or - VOLUME button on the remote control. The volume level appears on the numbers. (VOL 0 ~ VOL 30).

Surround sound system

Press the SURROUND button. "SURR" appears on the display and a "Wide" effect is created.

Bass expander system

Press the BASS button to enhance the bass sound. "BASS" appears on the display.

Selecting the sound mode

Press the SOUND button to select the sound mode matching the music to be listened to.

POP: Pops, etc.
CLAS: Classical music, etc.
ROCK: Rock music, etc.
JAZZ: Jazz, etc.

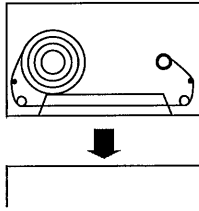
WHAT TO DO IF ...

If the operation of the unit or display is not normal,

1. Press the \odot /ON button to set the main unit to standby mode.
2. Press the CD stop button and SOUND button on the unit at the same time.
3. Press the \odot /ON button again to turn the power on.
4. Operate the unit.

LISTENING TO TAPES

1. Press the FUNCTION button to select "TAPE".
2. Press the STOP/EJECT button to open the cassette holder.
3. Load the cassette.
After loading the cassette, push the cassette holder back into position.
4. Press the PLAY button to begin playback.
5. Press the STOP/EJECT button to stop playback at any time. Press it again to remove the cassette.
When the end of the tape has been reached, automatic stop will be activated.



Note:

- Use the normal tape (TYPE 1).
- Endless tapes cannot be used.
- Do not use C-100 (or longer) tapes. They may jam in the mechanism.

Pause

Press the PAUSE button to temporarily stop playback or recording. Press it again to resume operation.

Fast forward and rewind

Press the FFWD or REW button. When the desired location has been reached, press the STOP/EJECT button.

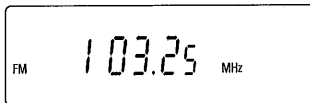
LISTENING TO THE RADIO

Automatic/Manual tuning

1. Press the FUNCTION button to select "TUNER". The radio frequency appears.
2. Select the desired radio band with the TUNER/BAND button.
3. Automatic tuning
Press the TU UP or TU DOWN button for at least 1 second to tune in a station. The unit will scan up or down the band and receive the next receivable station. Press the button again to continue.
 - The >>> or <<<< button on the remote control can also be used.

Manual tuning

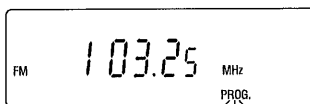
Press the TU UP or TU DOWN button briefly until the desired frequency is displayed.



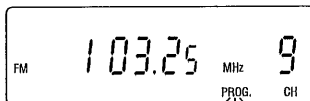
To preset stations

Up to 20 stations for FM band, 12 stations for AM band can be preset.

1. Tune in the station to be preset as described above.
2. Press the MEMORY button.



3. While "PROG." is blinking, press the PRESET button to select the channel to be preset.



4. While "PROG." is blinking, press the MEMORY button. "PROG." disappears.
 - In this example, "103.25 MHz" FM station is preset on FM channel 9.
 - The number buttons on the remote control can also be used. In this example, press 0, then 9 after the step 2 above.
5. Repeat steps above to add more preset stations.
 - When presetting a new station, the previous preset station is cleared.

Listening to preset stations

1. Press the TUNER/BAND button to select FM or AM.
2. Press the PRESET button to select the desired channel number.
 - The number buttons on the remote control can also be used. Press two number buttons within 2 seconds.

Preset scan tuning

1. Press the TUNER/BAND button to select FM or AM.
2. Press and hold down the PRESET button for at least 1 second.
 - The preset stations are selected in sequence for approximately five seconds each.
3. Press the PRESET button when the desired station has been selected. Preset scanning will stop.

To receive FM stereo broadcasts

(Remote control only)

Make sure that "MONO" is not displayed. If "MONO" appears, press the FM MODE/REPEAT button to turn the "MONO" indication off.

"ST" appears when an FM stereo broadcast is received.

- If the signal from an FM stereo station is weak and reception is poor, press the FM MODE/REPEAT button to change to the MONO mode. The reception may be improved, but the sound will be monaural.

TIMER OPERATION

Using the timer (Main unit only)

Set the on and off times, and function to be used. Operation will start with the selected function at the on time. The sound will be gradually increased from a no-sound level to the current volume setting (fade-in). The power will be switched off at the off time.

The timer will function every day unless it is released.

Note:

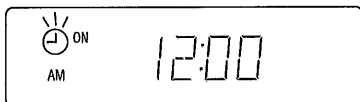
Make absolutely sure that the clock is set to the correct time before setting the timer.

Operation

Example:

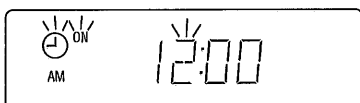
Waking up 7:30 AM every day and listening to music until 8:15 AM.

1. Press the FUNCTION button to select the function and set the desired volume level for timer operation.
2. Press the CLOCK/TIMER button for at least 2 seconds.

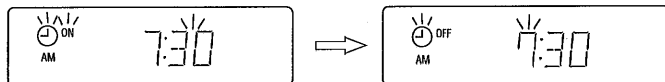


The previous timer on time setting appears.

3. Press the MEMORY button within 10 seconds.



4. Set the timer on time by turning the VOLUME control, then press the MEMORY button (as described under "ADJUSTING THE CLOCK").



The timer off time setting appears.

5. Set the timer off time as described in step 4.



The previous function setting appears.

- "⊖" remains lit.

6. Press the ⊖/ON button to switch off the power.

- To switch off the power during a timer controlled operation, press the ⊖/ON button. The timer will be set in the standby mode.

To release the timer

After turning the power on, press the CLOCK/TIMER button twice, "⊖" disappears.

To set the timer again with the same settings

1. Press the CLOCK/TIMER button repeatedly to display "⊖".
2. Press the ⊖/ON button to switch off the power.

Note:

The timer operation is released if a power failure occurs.

Using the sleep timer (Remote control only)

The sleep timer automatically switches off the power after a preset time has elapsed. The volume will gradually be reduced (fade-out) during the 1-minute period before the unit turns off. There are 12 time periods available: 120, 110, 100, 90, 80, 70, 60, 50, 40, 30, 20, and 10 minutes.

Press the SLEEP button repeatedly to select the desired sleep time. "SLEEP" blinks and the selected time appears on the display. After a few seconds, the original display returns. "SLEEP" remains blinking.

To check the remaining sleep time

Press the SLEEP button once. After a few seconds, the original display return.

To release the sleep timer while in operation

Press the SLEEP button repeatedly until "SLEEP" disappears. The timer is also released if the power is switched off.

SPECIFICATIONS

Tuner

Reception frequency:
FM: 87.5 - 108 MHz
AM: 522 - 1710 kHz (9 step)
520 - 1710 kHz (10 kHz step)

CD player

Channels:
2-channel stereo
Sampling frequency:
44.1 kHz
Pick-up:
Optical 3-beam semiconductor laser
Laser output:
0.6 mW (Continuous wave max.)
Wave length:
790 nm
Wow/flutter:
Below measurable limits

Cassette deck

Track system:
4-track, 2-channel stereo
Frequency response:
80 Hz to 15 kHz
Signal-to-noise ratio:
40 dB
Wow/flutter:
0.15% (WRMS)
Fast forward/rewind time:
Approx. 110 sec. (C-60)

General

Output power:
4 W x 2 (at 4 ohms, 10% distortion)
Outputs:
SPEAKERS: 4 ohms
PHONES: 8 - 32 ohms
Power requirements:
AC 230 ~ 240V, 50 Hz
Power consumption:
21 W
Dimensions:
140(W) x 213(H) x 210(D) mm
Weight:
2.2 kg

Speaker systems

Type:
Full range bass reflex
Maximum power-handling capacity:
6 W (peak)
Nominal impedance:
4 ohms
Dimensions:
140(W) x 210(H) x 173(D) mm
Weight:
1.1 kg (per speaker)

Specifications subject to change without notice.