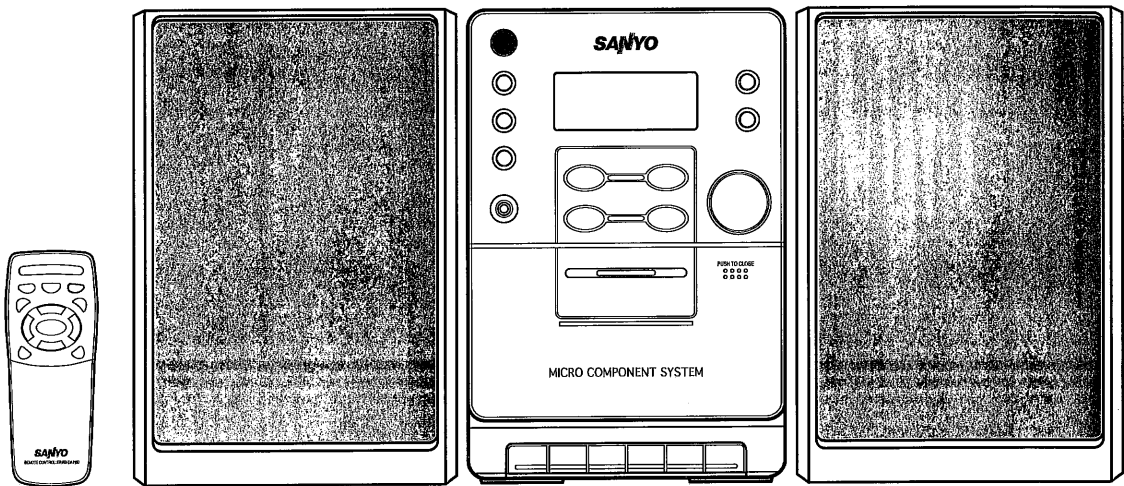


# SANYO

## INSTRUCTION MANUAL

## DC-DA1160

### Micro Component System



# PRECAUTIONS

CAUTION - INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM.

ADVARSEL - USYNLIG LASER STRÅLING VED ÅBNING, NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION, UNDGÅ UDSÆTTELSE FOR STRÅLING.

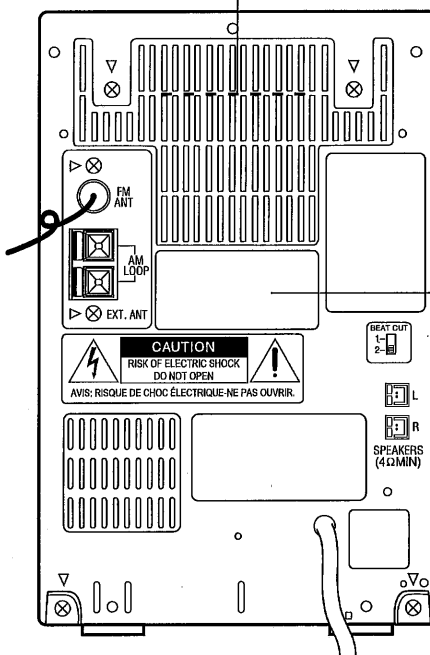
VARNING - OSYNLIG LASER STRÅLNING NÅR DENNA DEL ÄR ÖPPNAD OCH SPÄRR ÄR URKOPPLAD. STRÅLEN ÄR FARLIG.

VORSICHT - UNSICHTBARE LASERSTRAHLUNG TRITT AUS, WENN DECKEL GEÖFFNET UND WENN SICHERHEITSVERRIEGELUNG ÜBERBRÜCKT IST. NICHT, DEM STRAHL AUSSETZEN.

VARO - AVATTAESSA JA SUOJALUKITUS OHITETTAESSA OLET ALTTIINA NÄKYMÄTTÖMÄLLE LASERSÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN.



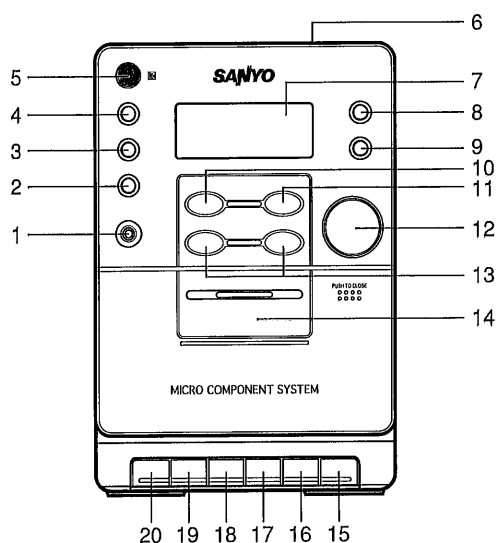
**CAUTION** - USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED IN THE OPERATING INSTRUCTIONS MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. THIS PRODUCT SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT PROPERLY QUALIFIED PERSONNEL.



CLASS 1 LASER PRODUCT  
LUOKAN 1 LASERLAITE  
KLASS 1 LASERAPPARAT

- The apparatus shall not be exposed to dripping or splashing.
- Do not use where there are extremes of temperature (below 5°C or exceeding 35°C) or where direct sunlight may strike it.
- Because of the CD player's extremely low noise and wide dynamic range, there might be a tendency to set the volume on the amplifier unnecessarily high. Doing so may produce an excessively large output from the amplifier which could damage your speakers.
- Sudden changes in the ambient temperature may cause condensation to form on the optical lens inside the unit. If this happens, take out the disc, leave the unit for about 1 hour, and then proceed to operate.
- The system's speakers use powerful magnets. Do not place timepieces, credit cards, cassette tapes or video tapes, etc. near the speakers.
- Do not install this equipment in a confined space, such as a book case or built in cabinet.
- No object filled with liquids, such as vase, shall be placed on the apparatus.

# CONTROLS



## CD player/Tuner/Generals

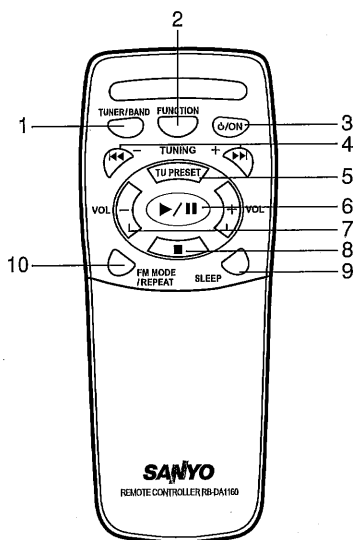
1. Headphones socket (PHONES)
2. Memory button (MEMORY)
3. Function button (FUNCTION)
4. Power button (⏻/ON)
5. Remote sensor (IR)
6. CD compartment lid
7. Display
8. Tuner function/Band select button (TUNER/BAND)
9. Preset button (PRESET)
10. CD stop button (STOP/■)
11. CD play/pause button (▶/||)
12. Volume control button (← VOLUME +)
13. Skip/Search/Tuning buttons (◀◀/TUN -, SKIP/SEARCH, TUN +, ▶▶)

## Cassette deck

14. Cassette holder
15. Pause button (PAUSE)
16. Stop/Eject button (STOP/EJECT)
17. Fast forward button (FFWD)
18. Rewind button (REW)
19. Play button (PLAY)
20. Record button (REC)

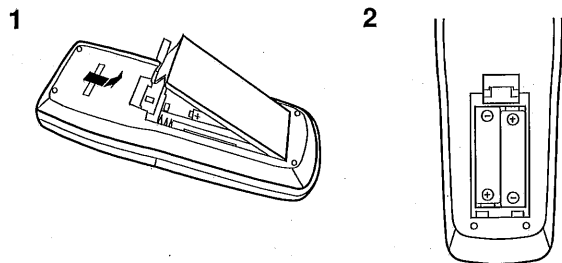
# REMOTE CONTROL

## Controls



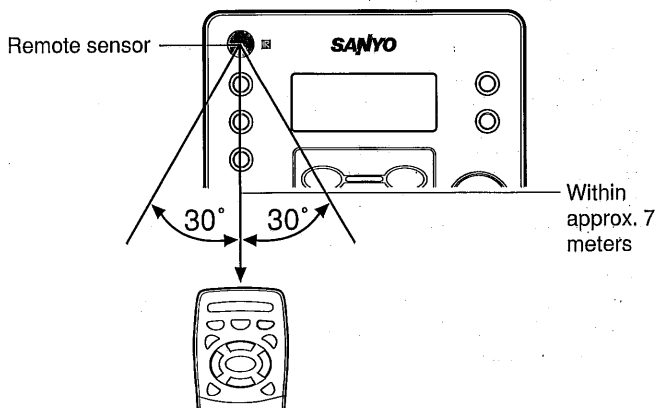
1. Tuner function/Band select button (TUNER/BAND)
2. Function button (FUNCTION)
3. Power button (⏻/ON)
4. Skip/Search/Tuning buttons (◀◀/ - TUNING +/ ▶▶)
5. Tuner preset button (TU PRESET)
6. CD Play/Pause button (▶/||)
7. Volume control buttons (VOL -, VOL +)
8. CD Stop button (■)
9. Sleep button (SLEEP)
10. FM mode/Repeat button (FM MODE/REPEAT)

## Inserting batteries



Two R03/AAA batteries  
(not supplied)

## Remote control range



## Note:

Always remove batteries if the remote control is not to be used for a month or more. Batteries left in the unit may leak and cause damage.

The buttons on the remote control perform similar functions to similarly marked buttons on the front panel.

## To start play from the desired track

Select the track by using the ►►| or |◄◄ button, then press the ►/|| button.

## Temporarily stopping play

Press the ►/|| button. Current track number blinks on the display. To resume play, press the button again.

## Skip play

To skip to track 6 while track 3 is playing, press the ►►| button repeatedly until "6" appears (in the track section) on the display. To skip back to track 3 while track 6 is playing, press the |◄◄ button repeatedly until "3" appears.

## Search (forward/reverse)

If the ►►| or |◄◄ button is pressed during play, the player will search at high speed in the forward or reverse direction while the button is being pressed. When the button is released, normal play will continue.

## Repeat play (Remote control only)

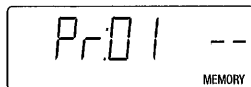
Press the FM MODE/REPEAT button before or during play. Press the button once, "REPEAT" blinks, repeat single track. Press the button twice, "REPEAT" remains, repeat all the track or all the programmed track. To cancel repeat play, press the button again, "REPEAT" disappears.

## PROGRAMMED PLAY (USING THE MAIN UNIT)

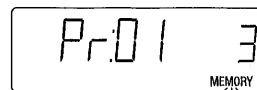
Up to 16 tracks on a disc can be programmed for play in any order.

- First, select "cd" function and load a disc that you want to programme.
- The tracks must be programmed in the stop mode.
- The same track can be programmed more than once.

1. Press the MEMORY button on the main unit.



2. Select a track by using the ►►| or |◄◄ button.



- "MEMORY" keeps on blinking without stopping if you have any interruption after step 2.
3. Press the MEMORY button.
4. Repeat steps 2 - 3 to programme additional tracks.
5. Press the ►/|| button to start programmed play.

When all programmed tracks have been played, the player stops automatically.

- To cancel programmed play, press the STOP/■ button twice.
- The programmes will be released when changes to other functions, or after the disc compartment is opened, or after the power turned off.

## Checking the programme

Each time the MEMORY button is pressed in the stop mode, the programmed details sequentially appear on the display.

## Changing a programme

### To add a new track to a programme:

1. In the stop mode, press the MEMORY button repeatedly until "- -" appears on the track number section.
2. Select a track by pressing ►►| or |◄◄ button.
3. Press the MEMORY button.

### To change a track:

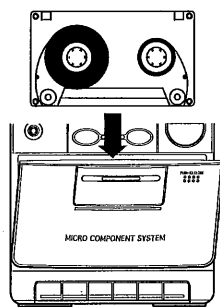
1. In the stop mode, press the MEMORY button repeatedly until the track number to be replaced is displayed.
2. Select a track by pressing ►►| or |◄◄ button.
3. Press the MEMORY button.

Note:

Programmed details cannot be partially deleted or inserted.

# LISTENING TO TAPE

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 (PUSH TO CLOSE portion) 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

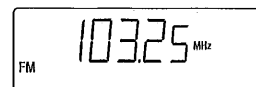
## Automatic/Manual tuning

1. Press the FUNCTION button to select "TUNE". The radio frequency appears.
2. Select the desired radio band with the TUN/BAND button.
3. **Automatic tuning**  
Press the TUN + or TUN - 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

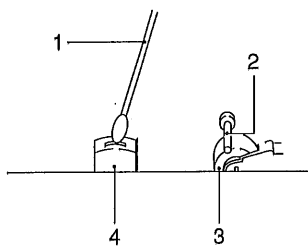
Press the TUN + or TUN - button briefly until the desired frequency is displayed.



# MAINTENANCE

## Cleaning the tape heads

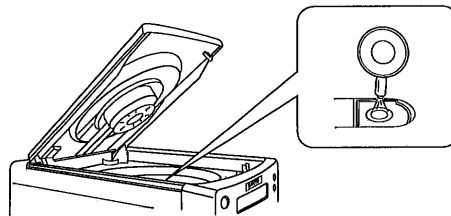
To ensure continued high performance, use cotton swab to clean the heads, pinch rollers and capstans of the decks after about every 10 hours of use. If the dirt persists, soak the swab in a little methylated spirit or head cleaning fluid and then clean.



1. Cotton swab
2. Capstan
3. Pinch roller
4. Head

## Cleaning the CD player lens

The lens should never be touched. If dust is on the lens, blow it off using a camera lens blower. (Consult your dealer.)



## Cleaning the unit

Clean the outside of the unit with a clean soft cloth, moistened with luke-warm water. Do not use benzene, thinner or alcohol since they will mar the finish of the surfaces.