

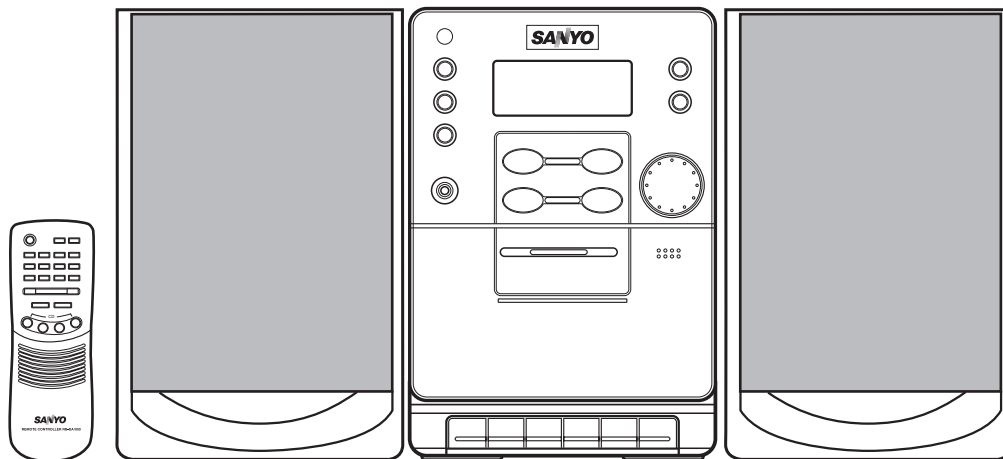
INSTRUCTION MANUAL

ISTRUZIONI PER L'USO

DC-DA1100

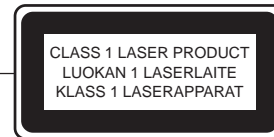
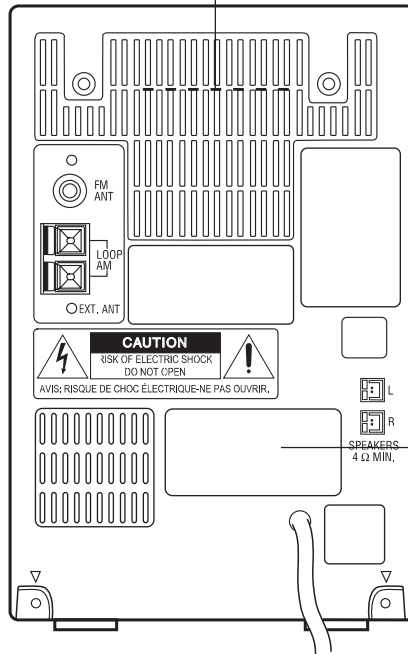
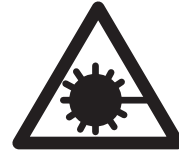
Micro Component System

Sistema a microcomponenti



ENGLISH	5 - 9
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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 SICHERHEITVERRIEGELUNG 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 HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.
 THIS PRODUCT SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT PROPERLY QUALIFIED PERSONNEL.

ACHTUNG – WENN ANDERE ALS DIE HIER SPEZIFIZIERTEN BEDIENUNGS- ODER JUSTIEREINRICHTUNGEN BENÜTZT ODER ANDERE VERFAHRENS-WEISEN AUSGEFÜHRT WERDEN, KANN DIES ZU GEFÄHRLICHER STRAHLUNGSEXPOSITION FÜHREN.
 DIESES PRODUKT SOLLTE NUR VON ENTSPRECHEND QUALIFIZIERTEM PERSONAL REPARIERT ODER ANGEPAST WERDEN.

ATTENTION – L'EMPLOI D'ORGANES DE COMMANDE OU DE RÉGLAGE, OU L'EXÉCUTION DE PROCÉDURES, AUTRES QUE CEUX SPÉCIFIÉS DANS LE MODE D'EMPLOI, PEUT PROVOQUER UNE EXPOSITION DANGEREUSE AU RAYONNEMENT.
 CE PRODUIT NE DOIT PAS ÊTRE AJUSTÉ OU RÉPARÉ PAR PERSONNE D'AUTRE QU'UN PERSONNEL DÛMENT QUALIFIÉ.

OPGELET – HET GEBRUIK VAN REGELAARS OF HET MAKEN VAN AFSTELLINGEN E.D. DIE NIET IN DEZE GEBRUIKSAANWIJZING ZIJN BESCHREVEN KAN LEIDEN TOT SCHADELIJKE STRALINGEN.
 DIT PRODUCT MAG ALLEEN DOOR GEKVALIFICEERD PERSONEEL WORDEN AANGEPAST OF GEREPAREERD.

WARNING! OM APPARATEN ANVÄNDS PÅ ANNAT SÄTT ÄN VAD SOM BESKEIV I DENNA BRUKSANVISNING, KAN ANVÄNDAREN UTSÄTTAS FÖR OSYNLIG LASERSTRÅLNING, SOM ÖVERSKRIDER GRÄNSEN FÖR LASERKLASS 1.
 DENNA PRODUKT SKALL INTE JUSTERAS ELLER REPARERAS AV ANNAN ÄN KVALIFICERAD PERSONAL.

VAROITUS! LAITTEEN KÄYTTÄMINEN MUULLA KUIN TÄSSÄ KÄYTTÖOHJEESSA MAINITULLA TAVALLA SAATTA AALTISTAA KÄYTTÄJÄN TURVALLISUUSLUOKAN 1 YLITTÄVÄLLE NÄKYMÄTTÖMÄLLE LASERSÄTEILYLLE.
 TÄMÄN TUOTTEEN SÄÄTÖ JA KORJAUS KUULUVAT VAIN ALAN ASIAANTUNTIJALLE.

CAUTELA – L'USO DI COMANDI, AGGIUSTAMENTI O PROCEDIMENTI DIVERSO DA QUELLO QUI SPECIFICATO PUÒ DAR LUOGO AD ESPOSIZIONE A RADIAZIONI PERICOLOSE.
 QUESTO PRODOTTO NON DEVE ESSERE REGOLATO O RIPARATO DA PERSONALE CHE NON SIA QUALIFICATO PROFESSIONALMENTE.

PRECAUCION – EL USO DE CONTROLES O AJUSTES, O PROCEDIMIENTOS DE OPERACION DIFERENTES DE LOS ESPECIFICADOS EN ESTE DOCUMENTO RESULTARAN EN EXPOSICION PELIGROSA A LA RADIACION.
 ESTE PRODUCTO SOLO DEBE SER REGULADO O REPARADO POR PERSONAL DE SERVICIO DEBIDAMENTE CALIFICADO.

CUIDADO – O USO DOS CONTROLOS OU AJUSTES OU DESEMPENHOS DE PROCEDIMENTOS OUTROS QUE NÃO OS ESPECIFICADOS NAS INSTRUÇÕES DE OPERAÇÃO PODEM RESULTAR EM PERIGOSAS EXPOSIÇÕES À RADIAÇÃO.
 ESTE PRODUTO NÃO DEVE SER AJUSTADO OU CONSERTADO POR QUALQUER UM A NÃO SER POR PESSOAL DEVIDAMENTE QUALIFICADO.

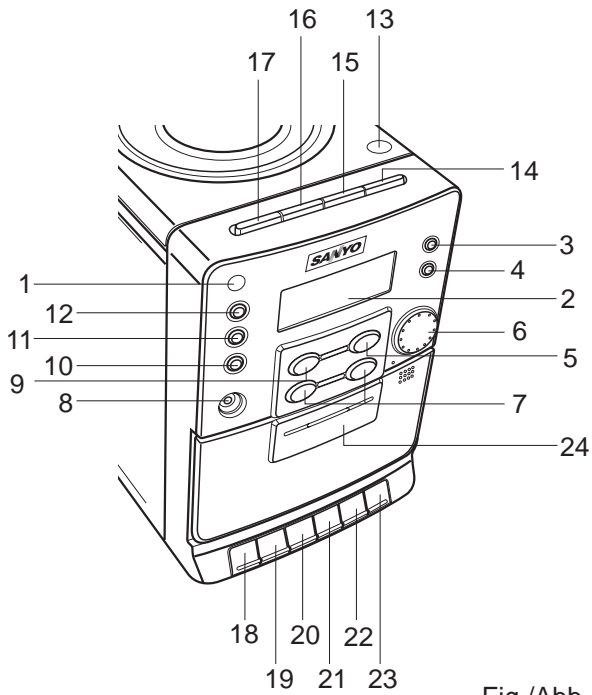


Fig./Abb./Afb. 1a

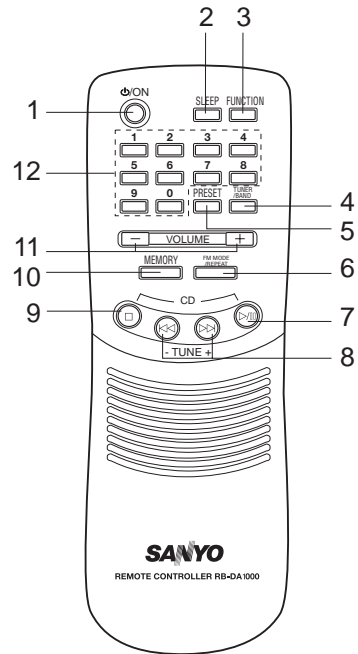
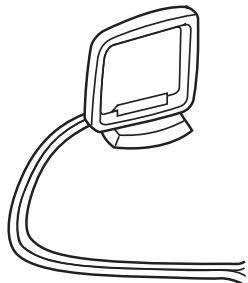


Fig./Abb./Afb. 1b

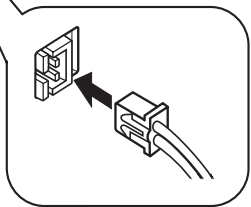
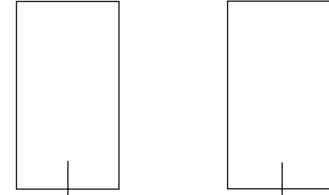
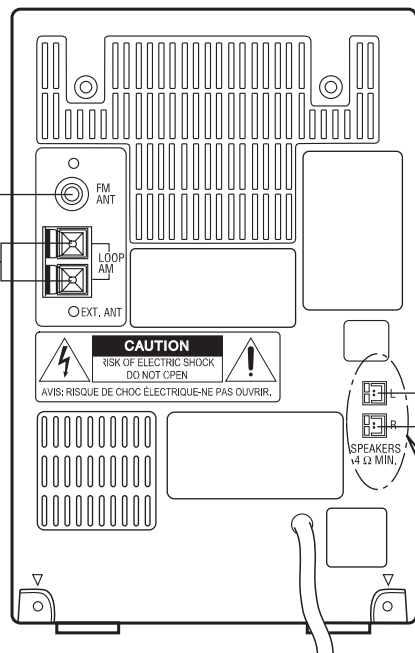
FM aerial
 FM Antenne
 Antenne FM
 FM-draadantenne
 FM antenn
 Antenna FM
 Antena aérea de FM
 Antena de FM



AM loop aerial
 MW-Rahmenantenne
 Antenne-cadre AM
 AM-raamentenne
 Ramantenn för AM-mottagning
 Antenna AM a telalo
 Antena AM de cuadro
 Antena AM de quadro

L ch speaker
 L ch Lautsprecher
 Haut-parleur gauche (L)
 Linkerbox
 L (vänster) kanal högtalare
 Altoparlanti can sinistro
 Altavoz del canal izquierdo
 Altifalante do canal esquerdo

R ch speaker
 R ch Lautsprecher
 Haut-parteur droit (R)
 Rechterbox
 R (höger) kanal högtalare
 Altoparlanti can Destro
 Altavoz del canal derecho
 Altifalante do canal direito



To an AC outlet
 Zu einer Wechselstromsteckdose
 A une prise de courant alternatif (CA)
 Naar een stopcontact
 Til ett vägguttag
 Verso un presa CA
 A una salida de CA
 Para uma tomada de CA

Fig./Abb./Afb. 2

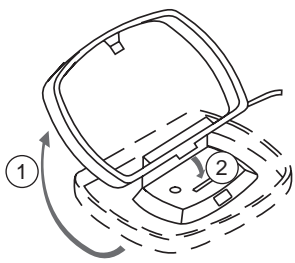


Fig./Abb./Afb. 3a

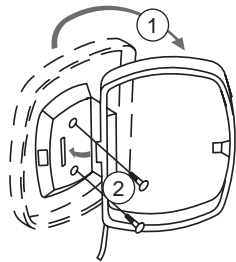
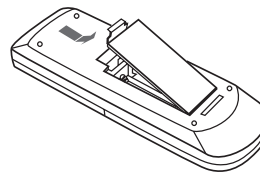


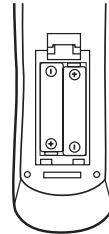
Fig./Abb./Afb. 3b

Screws (not supplied)
Schrauben (nicht mitgeliefert)
Vis (non fournies)
Schroeven (niet bijgeleverd)
Skruvar (medföljer ej)
Viti (non fornite)
Tornillos (no incluidos)
Parafusos (nào fornecidos)

1.



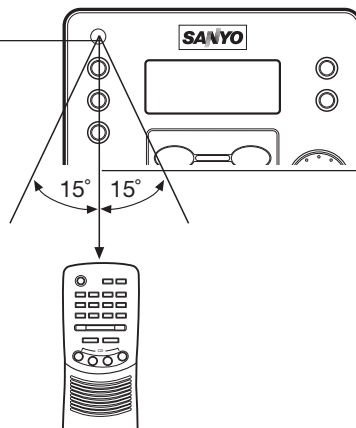
2.



Two R03/AAA batteries
(not supplied)
Zwei R03/AAA Batterien
(nicht mitgeliefert)
Deux piles de format R03/AAA
(non fournies)
Twee R03/AAA batterijen
(niet bijgeleverd)
Två batterier typ R03/AAA/SUM-3
(medföljer ej)
Due batterie R03/AAA
(non in dotazione)
Dos pilas R03/AAA
(no suministradas)
Duas pilhas R03/AAA
(nào incluídas)

Fig./Abb./Afb. 4

Remote sensor
Fernbedienungssensor
Décteur de télécommande
Afstandsbedieningssensor
Fjärrkontrollsensor
Sensore a distanza
Sensor remoto
Sensor remoto



Within approx. 7 meters
Innerhalb von ungefähr 7 Metern
Environ 7 mètres
Binnen ong. 7 meter
Inom cirka sju meter
Entro 7 metri circa
Dentro de aproximadamente 7 metros
Dentro de 7 metros aprox.

Fig./Abb./Afb. 5

COMPACT
disc
DIGITAL AUDIO

Fig./Abb./Afb. 6

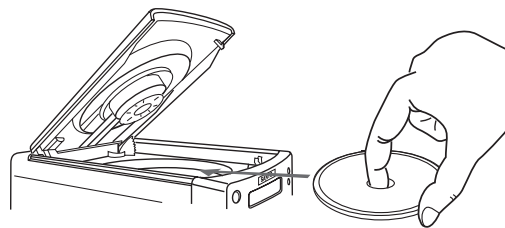


Fig./Abb./Afb. 7

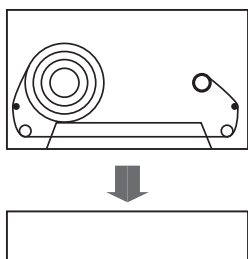
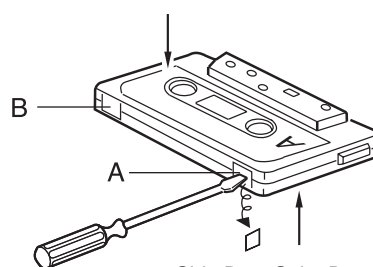


Fig./Abb./Afb. 8

Side A Seite A
Face A Kant A
A-side A Lato A
Lado A Lado A

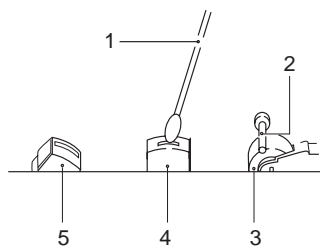


Side B Seite B
Face B Kant B
A-side B Lato B
Lado B Lado B

Break out tab A for side A.
Herausbrechen der Löschutzlasche A für Seite A.
Briser la languette A pour la face A.
Breek nokje A af voor kant A.
Bryt av flik A för A-sidan.
Spezzate la linguetta A per il lato A.
Romper lengüeta A del lado A.
Parta a patilha A para o lado A.

Break out tab B for side B.
Herausbrechen der Löschutzlasche B für Seite B.
Briser la languette B pour la face B.
Breek nokje B af voor kant B.
Bryt av flik B för B-sidan.
Spezzate la linguetta B per il lato B.
Romper lengüeta B del lado B.
Parta a patilha B para o lado B.

Fig./Abb./Afb. 9



- 1. Cotton swab
- 2. Capstan
- 3. Pinch roller
- 4, 5. Head

- 1. Wattestäbchen
- 2. Tonwelle
- 3. Andruckrolle
- 4, 5. Tonkopf

- 1. Coton-tige
- 2. Cabestan
- 3. Galet presseur
- 4, 5. Tête

- 1. Wattenstokje
- 2. Kaapstander
- 3. Aandrukrol
- 4, 5. Kop

- 1. Bomullspinne
- 2. Kapstan
- 3. Tryckrulle
- 4, 5. Tonhuvud

- 1. Bastoncino di cotone
- 2. Capstan
- 3. Premirullo
- 4, 5. Testina

- 1. Bastoncillo
- 2. Cabrestante
- 3. Rodillo de presión
- 4, 5. Cabeza

- 1. Cotonete
- 2. Rolete
- 3. Rolete de arrasto
- 4, 5. Cabeça

Fig./Abb./Afb.10

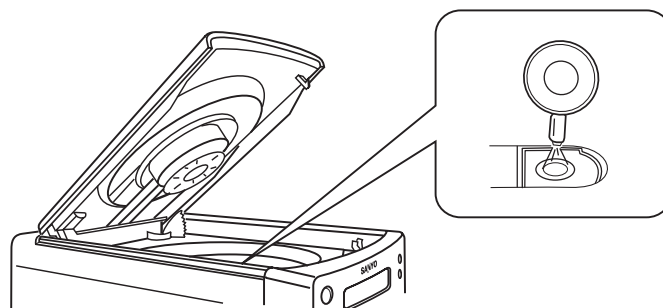


Fig./Abb./Afb.11

This set complies with the EMC Directive 89/336 and with the LVD Directive 73/23.

Dieses Gerät entspricht der EMC-Direktive 89/336 und der LVD-Direktive 73/23.

Cet appareil est en conformité avec la directive EMC 89/336 et avec la directive BT 73/23.

Dit toestel is in overeenstemming met EMC-richtlijn 89/336 en met LVD-richtlijn 73/23.

Detta set uppfyller EMC-direktivet 89/336 och Lågspänningsdirektivet 73/23.

Questo set aderisce alle direttive EMC 89/336 e alle direttive LVD 73/23.

Este aparato cumple con la Directiva EMC 89/336 y con la Directiva LVD 73/23.

Este conjunto satisfaz a Directiva EMC 89/336 e a Directiva LVD 73/23.

PRECAUTIONS

- 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.

CONNECTIONS (Fig. 2)

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 ⏻ /ON button is set to the ⏻ 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.

Aerials

In areas close to a transmitter the simple 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 Fig. 3a. Unwind the aerial wires, then connect them to the LOOP AM 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 Fig. 3b.

Note:

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

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.

CONTROLS

CD player/Tuner/Generals (Fig. 1a)

1. Remote sensor (IR)
2. Display
3. Tuner function/Band select button (TUNER/BAND)
4. Preset button (PRESET)
5. CD play/pause button (PLAY/PAUSE, $\blacktriangleright/\text{II}$)
6. Volume control (VOLUME)
7. Skip/Search/Tuning buttons ($\blacktriangleleft\blacktriangleleft$ /TUN -, $\blacktriangleright\blacktriangleright$ /TUN +, SKIP/SEARCH)
8. Headphones socket (PHONES)
9. Stop button (STOP/ \blacksquare)
10. Memory button (MEMORY)
11. Function button (FUNCTION)
12. Power button (⏻ /ON)
13. CD compartment open/close button (CD OPEN/CLOSE)
14. Sound preset button (SOUND)
15. Bass expander button (BASS)
16. Surround button (SURROUND)
17. Clock/Timer button (CLOCK/TIMER)

Cassette deck

18. Record button (REC)
19. Play button (PLAY)
20. Rewind button (REW)
21. Fast forward button (FFWD)
22. Stop/Eject button (STOP/EJECT)
23. Pause button (PAUSE)
24. Cassette holder

REMOTE CONTROL

Controls (Fig. 1b)

1. Power button (⏻ /ON)
2. Sleep button (SLEEP)
3. Function button (FUNCTION)
4. Tuner function/Band select button (TUNER/BAND)
5. Preset tuning button (PRESET)
6. FM mode/Repeat button (FM MODE/REPEAT)
7. Play/Pause button ($\blacktriangleright/\text{II}$)
8. Skip/Search/Tuning buttons ($\blacktriangleleft\blacktriangleleft$, $\blacktriangleright\blacktriangleright$, - TUNE +)
9. Stop button (\square)
10. Memory button (MEMORY)
11. Volume buttons (- VOLUME +)
12. Number buttons (1-9, 0)

Number buttons (1-9, 0)

These buttons are used to select the track numbers on a disc or preset radio stations.

If the function is "CD", the buttons select the track numbers on a disc.

If the function is "TUNER", the buttons select preset radio stations.

With any other function, the buttons will not function.

- Two buttons must always be pressed.

Example:

To select No. 3, press 0, then 3.

To select No. 10, press 1, then 0.

To select No. 25, press 2, then 5.

Inserting batteries (Fig. 4)

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.

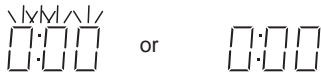
Remote control range (Fig. 5)

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

ADJUSTING THE CLOCK (Main unit only)

Example: To set "6:30",

First, press the \odot /ON button to turn the power off, only the clock display blinks.



1. Press the CLOCK/TIMER for at least 2 seconds. The " \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.

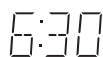


The minutes display blinks.

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 12-hour display

1. Press the \odot /ON button to turn the power off and preset time display.
2. While clock is displaying, press the MEMORY button and hold it, then press the TU UP button.

Example: 13:00 \rightarrow PM 1:00

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	\triangleright /00
Tuner	TUNER/BAND
Remote control	\triangleright /00, 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 TAPE \rightarrow TUNER \rightarrow CD \rightarrow ...

The function is automatically selected when CD play 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 display. (VOL 0 ~ VOL 24).

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.

- POPS: 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. Disconnect the mains lead.
2. Press the \odot /ON button on the unit for at least 30 seconds.
3. Connect the mains lead.
4. Operate the unit.

CD PLAY

Use compact discs bearing the symbol shown in Fig. 6. In addition to conventional 12 cm CDs, this system can be used to play 8 cm CDs without an adapter.

- This unit can play back the CD-R/RW that have recorded music data as well. However, some CD-R/RWs can not be played back depending on the recording conditions.
 - The CD-R/RW can't be recorded in this unit.
1. Press the FUNCTION button to select "CD" function.
 2. Press the CD compartment lid (△ CD OPEN/CLOSE portion). The CD compartment opens.
 3. Place the disc with the label facing up on the disc tray (Fig. 7). (Place only one disc at a time.)
 4. Press the CD compartment lid (△ CD OPEN/CLOSE portion) to close it. The total number of tracks and total playing time on the disc appear.

Note:

If the disc is loaded with the label facing downward, or if a badly scratched disc is loaded, "Cd" appears. If this occurs, load the disc correctly or replace the damaged disc.

5. Press the ▷/00 button. Play starts from the first track.



The current track number and elapsed playing time are displayed.

6. Press the □ button to end disc play. When the last track has been played, the player stops automatically.

Note:

Always press the □ button and wait for the disc to stop rotating before opening the disc compartment.

Notes on handling compact discs

- Do not expose the disc to direct sunlight, high humidity or high temperatures for extended periods of time.
- Discs should be returned to their cases after use.
- Do not apply paper or write anything on the disc surface.
- Handle the disc by its edge. Do not touch the playing surface (glossy side).
- Fingerprints and dust should be carefully wiped off the playing surface of the disc with a soft cloth. Wipe in a straight motion from the centre to the outside of the disc.
- Never use chemicals such as record cleaning sprays, antistatic sprays or fluids, benzene or thinner to clean compact discs.

To start play from the desired track

Select the track by using the ▷▷ or ◀◀ button, then press the ▷/00 button.

Using the remote control

Press two number buttons within 4 seconds. (Example: press 0, then 3.)

Temporarily stopping play

Press the ▷/00 button. "▶" 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.

- The number buttons on the remote control can also be used for skip play. To skip to track 6 while one track is playing, press 0, then 6.

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)

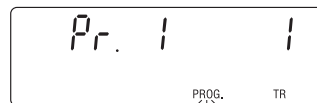
Press the FM MODE/REPEAT button before or during play. The player will play all the tracks or all the programmed tracks repeatedly. "↺" appears on the display. To cancel repeat play, press the FM MODE/REPEAT button again. "↺" disappears.

PROGRAMMED PLAY

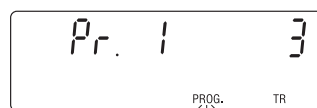
Up to 20 tracks on a disc can be programmed for play in any order.

- 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.



2. Select a track by using the ▷▷ or ◀◀ button. The number buttons on the remote control can also be used.



3. Press the MEMORY button.
4. Repeat steps 2 - 3 to programme additional tracks.
5. Press the ▷/00 button to start programmed play.

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

- The programme contents are retained in memory.

- Any attempt to programme more than 20 tracks will result in "FULL" being displayed and discontinuation of the programming.
- The programme contents are retained even if the function selection is changed. After selecting "CD" function press the MEMORY button. The programmed contents appear.
- To cancel programmed play, press the □ button twice.

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 "- - - -" is displayed.
2. Select a track as explained above.
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 as explained above.
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 (Fig. 8).
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.

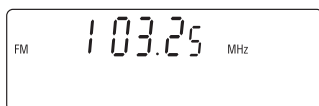
LISTENING TO THE RADIO

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 \triangleright or \triangleleft button on the remote control can also be used.

Manual tuning

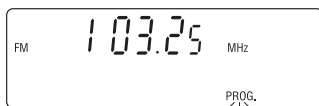
Press the TU UP or TU DOWN button briefly until the desired frequency is displayed.



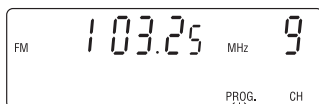
To preset stations

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

1. Tune in the stations 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, 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 AM or FM.
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.

RECORDING

Recording copyright material without permission of the copyright owners is usually an infringement. If you wish to re-record copyright material, permission from the copyright owner is necessary. SANYO does not approve of, and cannot be held responsible for, any unlawful use of this machine.

Recording compact discs (Synchronous recording)

1. Load a blank cassette.
2. Select "CD" function.
3. Load the disc to be recorded.
 - Select the track number if required.
 - For programmed recording, programme the material in advance (as described under "PROGRAMMED PLAY").
4. Press the REC button. The PLAY button is engaged simultaneously and CD recording starts.
 - When you want to record music as you listen, press the REC button. Recording starts automatically from the beginning of the track.
5. Press the STOP/EJECT button to stop recording. When the end of the tape is reached, the CD player and deck stop automatically.

Recording from the tuner

1. Load a blank cassette.
2. Tune in the radio station to be recorded.
3. Press the REC button to start recording.
4. Press the STOP/EJECT button to stop recording.

When beat interference is heard

Beat (a high-pitched noise) may sometimes be heard during the recording of radio broadcasts. If this occurs, while the MEMORY button is pressed, press the TU UP button at the same time to select bc-1 or bc-2. Select the setting that gives the best result.

Safeguards against accidental erasure

Accidental erasure can be prevented by breaking out the tabs on the end of the cassette tape (where the tape is not exposed) using a screwdriver or similar implement (Fig. 9).

If a tab is broken out in error and you wish to re-record the tape, simply block the tab hole using adhesive tape and the tape can be used for recording again.

TIMER OPERATION

Using the timer (Main unit only)

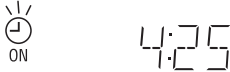
Set the on and off times, and function to be used. Operation will start with the selected function at the on time. The sound will be gradually increased from a no-sound level to the current volume setting (fade-in). The power will be switched off at the off time. The timer will function every day unless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

Note:

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

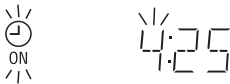
Operation

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.

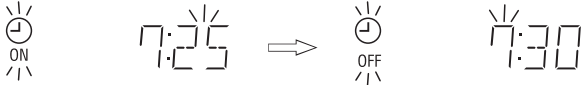


The previous timer on time setting appears.

3. Press the MEMORY button within 10 seconds.

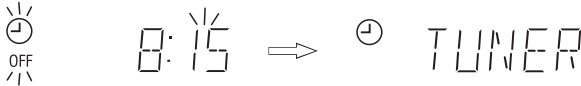


4. Set the timer on time by turning the VOLUME control, then press the MEMORY button (as described under "ADJUSTING THE CLOCK").





The timer off time setting appears.


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





The previous function setting appears.

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.

MAINTENANCE

Cleaning the tape heads (Fig. 10)

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.

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 (Fig. 11). (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.

SPECIFICATIONS

Tuner

Reception frequency:
FM: 87.5 ~ 108 MHz
AM: 522 ~ 1611 kHz

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 V, 50 Hz
Power consumption:
21 W
Dimensions:
141(W) x 212(H) x 210(D) mm
Weight:
2.2 kg

Speaker systems

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

Specifications subject to change without notice.

SI DICHIARA CHE:

L'apparecchio Sistema a microcomponenti, marca SANYO, modello DC-DA1100U, risponde alle prescrizioni dell'articolo 2 comma 1 del D.M.28 agosto 1995 n°548.

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