



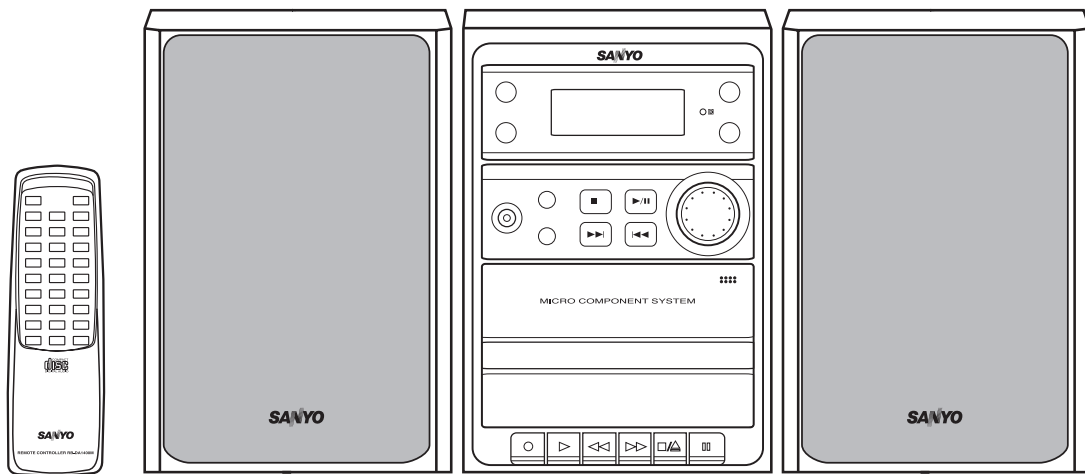
INSTRUCTION MANUAL

ISTRUZIONI PER L'USO

Micro Component System

Sistema a microcomponenti

DC-DA1400M



ENGLISH	6 - 10
DEUTSCH	11 - 15
FRANÇAIS	16 - 20
NEDERLANDS	21 - 25
SVENSKA	26 - 30
ITALIANO	31 - 36
ESPAÑOL	37 - 41
PORTUGUÊS	42 - 46

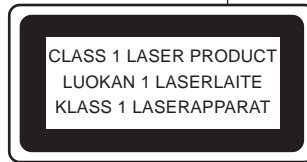
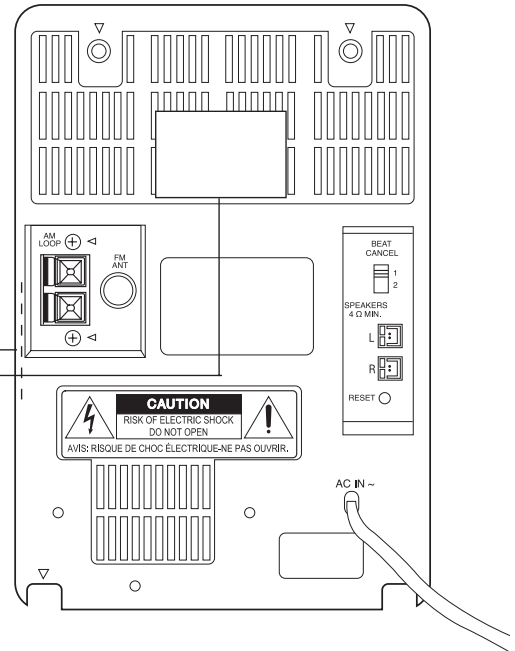
CAUTION – INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM.

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 TRITTAUS, 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.

ACHTUNG – WENN ANDERE ALS DIE HIER SPEZIFIZIERTEN BEDIENTUNGS- ODER JUSTIEREINRICHTUNGEN BENÜTZT ODER ANDERE VERFAHRENS-WEISEN AUSGEFÜHRT WERDEN, KANN DIES ZU GEFÄHRLICHER STRAHLUNGSEXPOSITION FÜHREN.

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.

OPGELET – HET GEBRUIK VAN REGELAARS OF HET MAKEN VAN AFSTELLINGEN E.D. DIE NIET IN DEZE GEBRUIKSAANWIJZING ZIJN BESCHREVEN KAN LEIDEN TOT SCHADELIJKE STRALINGEN.

VARNING! 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.

VAROITUS! LAITTEEN KÄYTTÄMINEN MUULLA KUIN TÄSSÄ KÄYTTÖOHJEESSA MAINITULLA TAVALLA SAATTAA ALTISTAA KÄYTTÄJÄN TURVALLISUUSLUOKAN 1 YLITTÄVÄLLE NÄKYMÄTTÖMÄLLE LASERSÄTEILYLLE.

CAUTELA – L'USO DI COMANDI, AGGIUSTAMENTI O PROCEDIMENTI DIVERSO DA QUELLO QUI SPECIFICATO PUÒ DAR LUOGO AD ESPOSIZIONE A RADIAZIONI PERICOLOSE.

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.

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.

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.

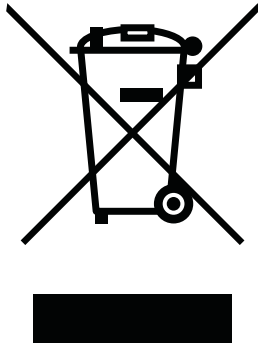
Dit toestel is in overeenstemming met EMC-richtlijn 89/336 en met LVD-richtlijn 73/23.

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.



[ENGLISH]

Your SANYO product is designed and manufactured with high quality materials and components which can be recycled and reused.

This symbol means that electrical and electronic equipment, at their end-of-life, should be disposed of separately from your household waste.

Please dispose of this equipment at your local community waste collection/recycling centre.

In the European Union there are separate collection systems for used electrical and electronic products.

Please help us to conserve the environment we live in!

[DEUTSCH]

Ihr SANYO Produkt wurde entworfen und hergestellt mit qualitativ hochwertigen Materialien und Komponenten, die recycelt und wiederverwendet werden können.

Dieses Symbol bedeutet, daß elektrische und elektronische Geräte am Ende ihrer Nutzungsdauer von Hausmüll getrennt entsorgt werden sollen.

Bitte entsorgen Sie dieses Gerät bei Ihrer örtlichen kommunalen Sammelstelle oder im Recycling Centre.

In der Europäischen Union gibt es unterschiedliche Sammelsysteme für Elektrik- und Elektronikgeräte.

Helfen Sie uns bitte, die Umwelt zu erhalten, in der wir leben!

[FRANÇAIS]

Votre produit Sanyo est conçu et fabriqué avec des matériels et des composants de qualité supérieure qui peuvent être recyclés et réutilisés.

Ce symbole signifie que les équipements électriques et électroniques en fin de vie doivent être éliminés séparément des ordures ménagères.

Nous vous prions donc de confier cet équipement à votre centre local de collecte/recyclage.

Dans l'Union Européenne, il existe des systèmes sélectifs de collecte pour les produits électriques et électroniques usagés.

Aidez-nous à conserver l'environnement dans lequel nous vivons !

Les machines ou appareils électriques et électroniques contiennent fréquemment des matières qui, si elles sont traitées ou éliminées de manière inappropriée, peuvent s'avérer potentiellement dangereuses pour la santé humaine et pour l'environnement.

Cependant, ces matières sont nécessaires au bon fonctionnement de votre appareil ou de votre machine. Pour cette raison, il vous est demandé de ne pas vous débarrasser de votre appareil ou machine usagé avec vos ordures ménagères.

[NEDERLANDS]

Sanyo producten zijn ontwikkeld en gefabriceerd uit eerste kwaliteit materialen, de onderdelen kunnen worden gerecycled en weer worden gebruikt.

Het symbool betekent dat de elektrische en elektronische onderdelen wanneer deze vernietigd gaan worden, dit separaat gebeurt van het normale huisafval.

Zorg ervoor dat het verwijderen van de apparatuur bij de lokaal erkende instanties gaat gebeuren.

In de Europese Unie wordt de gebruikte elektrische en elektronische apparatuur bij de daarvoor wettelijke instanties aangeboden.

Alstublieft help allen mee om het milieu te beschermen.

[SVENSKA]

Din SANYO produkt är designad och tillverkad av material och komponenter med hög kvalitet som kan återvinnas och återanvändas.

Denna symbol betyder att elektriska och elektroniska produkter, efter slutanvändande, skall sorteras och lämnas separat från Ditt hushållsavfall.

Vänligen, lämna denna produkt hos Din lokala mottagningstation för avfall/återvinningsstation.

Inom den Europeiska Unionen finns det separata återvinningssystem för begagnade elektriska och elektroniska produkter.

Vänligen, hjälp oss att bevara miljön vi lever i!

[ITALIANO]

Il vostro prodotto SANYO è stato costruito da materiali e componenti di alta qualità, che sono riutilizzabili o riciclabili.

Prodotti elettrici ed elettronici portando questo simbolo alla fine dell'uso devono essere smaltiti separatamente dai rifiuti casalinghi.

Vi preghiamo di smaltire questo apparecchio al deposito comunale.

Nell'Unione Europea esistono sistemi di raccolta differenziata per prodotti elettrici ed elettronici.

Aiutateci a conservare l'ambiente in cui viviamo!

[ESPAÑOL]

Los productos SANYO están diseñados y fabricados con materiales y componentes de alta calidad, que pueden ser reciclados y reutilizados.

Este símbolo significa que el equipo eléctrico y electrónico, al final de su ciclo de vida, no se debe desechar con el resto de residuos domésticos.

Por favor, deposite su viejo "televisor" en el punto de recogida de residuos o contacte con su administración local.

En la Unión Europea existen sistemas de recogida específicos para residuos de aparatos eléctricos y electrónicos.

Por favor, ayudenos a conservar el medio ambiente!

[PORTUGUÊS]

O seu produto SANYO foi concebido e produzido com materiais e componentes de alta qualidade que podem ser reciclados e reutilizados.

Este símbolo significa que o equipamento eléctrico e electrónico no final da sua vida útil deverá ser descartado separadamente do seu lixo doméstico.

Por favor, entregue este equipamento no seu ponto local de recolha/reciclagem.

Na União Europeia existem sistemas de recolha separados para produtos eléctricos e electrónicos usados.

Por favor, ajude-nos a conservar o ambiente em que vivemos!

[SUOMI]

SANYO-tuotteesi on suunniteltu ja valmistettu korkealaatuisista materiaaleista ja osista, joita voidaan kierrättää ja käyttää uudelleen.

Tämä symboli tarkoittaa, että sähkölaitteet ja -osat on niiden käyttöiän päätyessä hävitettävä erillään kotitalouden jätteistä.

Toimita laite paikalliseen jätteenkeräys/kierrätyskeskukseen.

Euroopan unionin alueella on erilliset keräysjärjestelmät käytetyille sähkölaitteille ja -osille.

Auta meitä suojelemaan ympäristöä jossa elämme!

[ΕΛΛΗΝΙΚΑ]

Το προϊόν SANYO που έχετε έχει σχεδιαστεί και κατασκευαστεί με υψηλής ποιότητας υλικά και τμήματα που μπορούν να ανακυκλωθούν και να επαναχρησιμοποιηθούν.

Το σύμβολο αυτό σημαίνει ότι τα ηλεκτρικά και ηλεκτρονικά εξαρτήματα, στο τέλος ζωής τους, μπορούν να απορριφθούν χωριστά από τα οικιακά απορρίματα.

Πατρκαλούμε, απορρίψτε αυτό το εξάρτημα στο κέντρο συλλογής/ανακύκλωσης της περιοχής σας.

Στην Ευρωπαϊκή Ένωση γίνεται διαφοροποιημένη συλλογή χρησιμοποιημένων ηλεκτρικών και ηλεκτρονικών προϊόντων.

Βοηθήστε μας να διαφυλάξουμε το περιβάλλον όπου ζούμε!

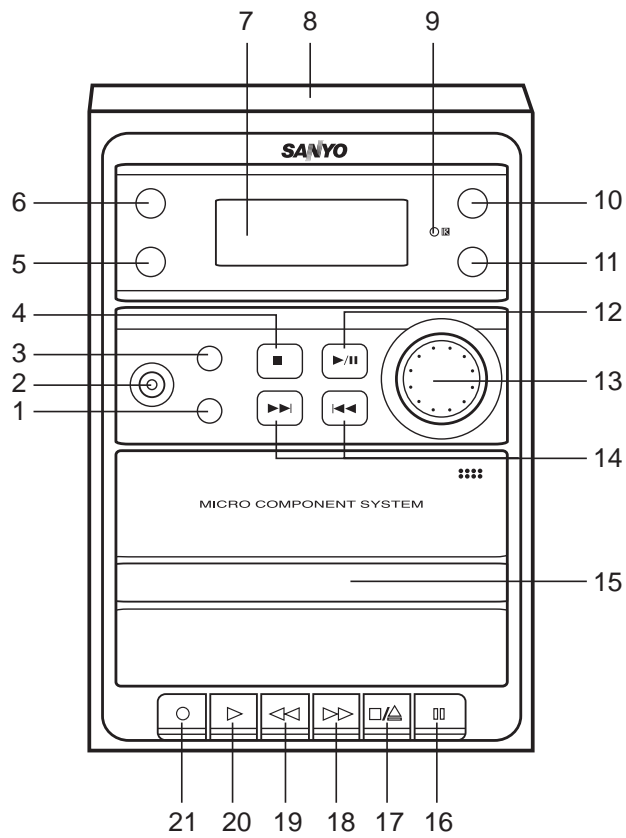


Fig./Abb./Afb.1a

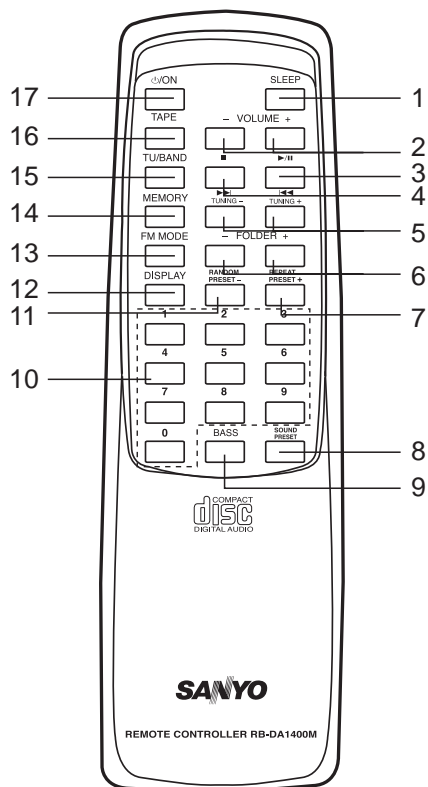
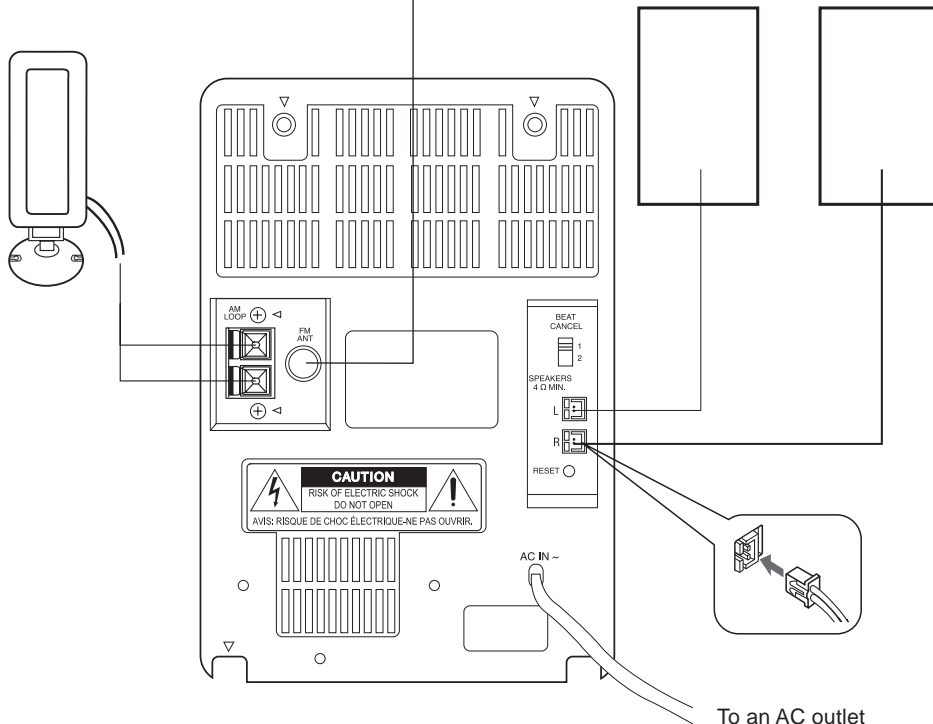


Fig./Abb./Afb.1b

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

L ch speaker
 Lautsprecher für
 den linken Kanal
 Enceinta gauche
 Linker kanaal-
 luidspreker
 Vänster högtalare
 Altoparlante del
 canale sinistro
 Altavoz del canal
 izquierdo
 Altifalante do canal
 esquerdos

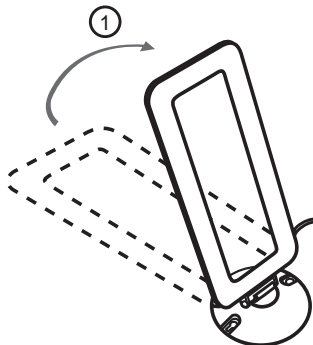
R ch speaker
 R ch Lautsprecher
 Haut-parleur droit
 (R)
 Rechterbox
 R (höger) kanal
 högtalare
 Altoparlanti can.
 Destro
 Altavoz del canal
 derecho
 Altifalante do canal
 direito



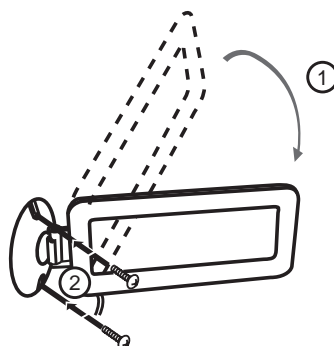
To an AC outlet
 An eine AC-Netzsteckdose
 Vers une prise secteur
 Op een stopcontact
 Till vägguttag
 Ad una presa murale CA
 A un tomacorriente de CA
 A uma tomada de CA

Fig./Abb./Afb.2

1.



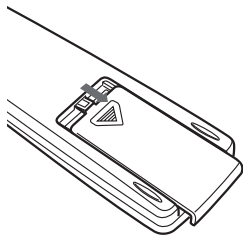
2.



Screws (not supplied)
 Schrauben (nicht mitgeliefert)
 Vis (non fournies)
 Schroeven (niet bijgeleverd)
 Skruvar (medföljer ej)
 Viti (non fornite)
 Tornillos (no suministrados)
 Parafusos (não incluídos)

Fig./Abb./Afb.3

1.



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
(não incluídas)

2.

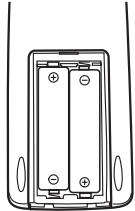
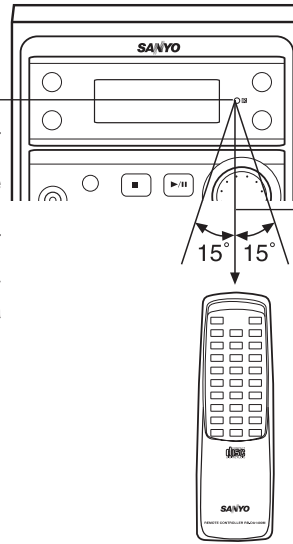


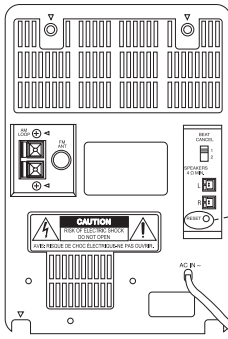
Fig./Abb./Afb.4

Remote sensor
Fernbedienungssensor
Décteur de télécommande
Afstandsbedieningsensor
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



RESET O

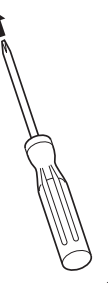


Fig./Abb./Afb.6

COMPACT
disc
DIGITAL AUDIO

Fig./Abb./Afb.7

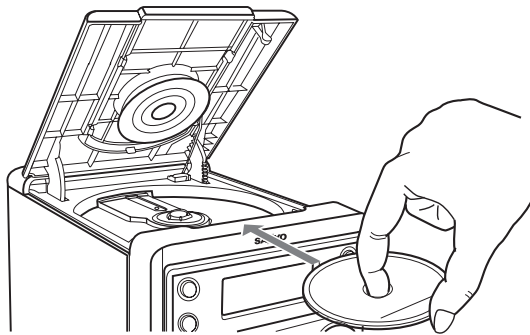


Fig./Abb./Afb.8

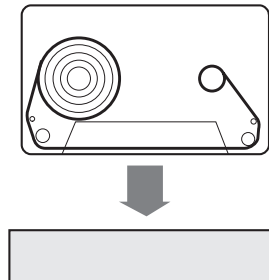
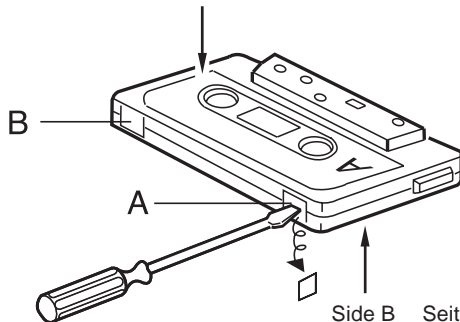


Fig./Abb./Afb.9

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

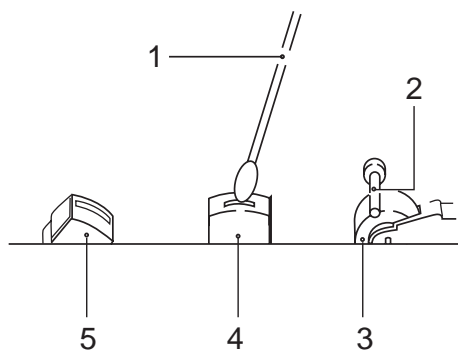


Side B Seite B
Face B Kant B
A-side B Lato B
Lado B Lado B

Break out tab A for side A.
Herausbrechen der Löschschutzlasche 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 Löschschutzlasche 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.10



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

- 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.11

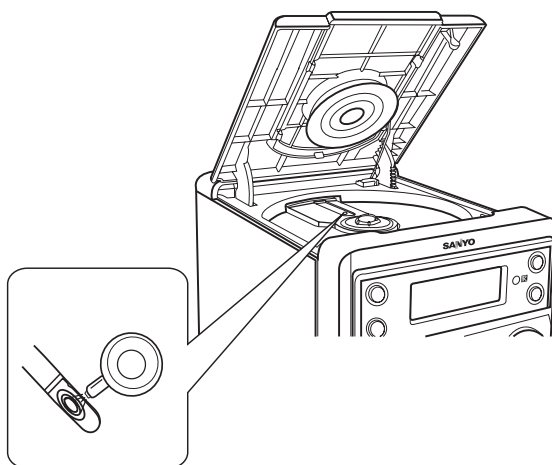


Fig./Abb./Afb.12

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 objects filled with liquids, such as vases, 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" SPEAKERS socket.

If you have difficulty inserting the speaker lead connector, turn it over and reinsert it.

Aerial

FM aerial

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 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 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 (Fig. 1a)

1. Memory (MEMORY)
2. Headphones socket (PHONES)
3. Sound preset button (SOUND)
4. Stop button (STOP ■)
5. Tuner function/Band select button (TUN/BAND)
6. Power button (⏻/ON)
7. Display
8. CD Compartment
9. Remote sensor (IR)
10. Sleep button (SLEEP)
11. Tape function button (TAPE)
12. Play/Pause button (PLAY/PAUSE ►/||)
13. Volume control (- VOL +)
14. Skip/Search/Tuning/MP3 CD's file select buttons (REW/TUN DOWN ◀◀,FF/TUN UP ▶▶)
15. Cassette holder
16. Pause button (PAUSE)
17. Stop/Eject button (STOP/EJECT)
18. Fast forward button (FFWD)
19. Rewind button (REW)
20. Play button (PLAY)
21. Record button (REC)

REMOTE CONTROL

Controls (Fig. 1b)

1. Sleep button (SLEEP)
2. Volume buttons (VOLUME -, +)
3. Play/Pause button (►/||)
4. Stop button (■)
5. Skip/Search/Tuning/MP3 CD's file select buttons (◀◀ / TUNING -, TUNING+ / ▶▶)
6. MP3 CD's folder select buttons (FOLDER -, +)
7. Repeat play/Preset tuning up button (REPEAT/PRESET +)
8. Sound preset button (SOUND PRESET)
9. Bass expander button (BASS)
10. Number buttons (1 ~ 9, 0)
11. Random play/Preset tuning down button (RANDOM/PRESET -)
12. MP3 CD display button (DISPLAY)
13. FM mode button (FM MODE)
14. Memory button (MEMORY)
15. Tuner function/Band select button (TU/BAND)
16. Tape function button (TAPE)
17. Power button (⏻/ON)

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.

Example:

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

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

Inserting batteries (Fig. 4)

Note:

Always remove battery if the remote control is not to be used for a month or more. Battery within the unit may leak and cause damage.

Remote control range (Fig. 5)

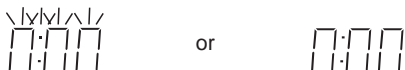
The buttons on the remote control perform similar functions to similarly marked buttons on the front panel.

ADJUSTING THE CLOCK

When the unit is first connected to the AC power line, the clock display blinks on the display.

Example: To set "6:30".

First, press the ON button to turn the power off. The clock display appears dimly.

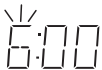


1. Press the MEMORY button for at least 2 seconds.



The hours display blinks.

2. Press the LEFT or RIGHT button to set the "hours".

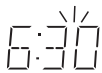


3. Press the MEMORY button.



The minutes display blinks.

4. Press the LEFT or RIGHT button to set the "minutes".



5. Press the MEMORY button. The clock starts dimly.



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

- If a power failure occurs or the mains lead is disconnected, the clock display blinks. Reset the time again.

BEFORE OPERATION

Turning the power on and off

Press the ON button, the display light.

To turn the power off, press the ON button again. The clock display remains lit dimly.

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

Adjusting the volume

Turn the VOL control, or press the VOLUME - or + button on the remote control. The volume level appears by numbers (VOL MIN ~ VOL MAX) on the display.

Bass expander system (Remote control only)

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

Selecting the sound mode

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

ROCK: Rock music, etc.

JAZZ: Jazz, etc.

CLASSIC: Classical music, etc.

POP: Pops, etc.

FLAT: Flat music, etc.

WHAT TO DO IF ...

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

1. Disconnect the mains lead.
2. Press the RESET button (rear of the unit) for at least 30 seconds (Fig. 6).
3. Connect the mains lead.
4. Resume the operation.

CD PLAY

Use compact discs bearing the symbol shown in Fig. 7. In addition to conventional 12 cm CDs, this system can be used to play 8 cm CDs without an adapter.

1. Press the PLAY/PAUSE ▶/|| button to select "CD" function. "CD" appears on the display, then "CD" is replaced by the CD mode display.
2. Press the CD compartment lid (CD OPEN/CLOSE portion) to open it, "OPEN" appears.
3. Place the disc with the label facing up on the disc turntable (Fig. 8). (Place only one disc at a time.)
4. Press the CD compartment lid (CD OPEN/CLOSE portion) again to close it. "READING" blinks for several seconds, then the total number of tracks and total playing time on the disc appear.

Note:

If a badly scratched disc is loaded or if the disc is loaded with the label facing downward, "NO DISC" appears. If this occurs, load the disc correctly or replace the damaged disc.

5. Press the PLAY/PAUSE ▶/|| button. Play starts from the first track.



The current track number and elapsed playing time are displayed.

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

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 PLAY/PAUSE ►/|| button.

Temporarily stopping play

Press the PLAY/PAUSE ►/|| button, elapsed playing time 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.

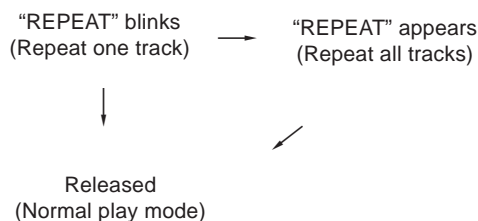
Search (forward/reverse)

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 REPEAT/PRESET + button repeatedly before or during play to select various repeat mode available.

Each time the REPEAT/PRESET + button is pressed, the repeat mode changes as shown below:



RANDOM play (Remote control only)

1. Press the RANDOM/PRESET - button, "RANDOM" appears.
2. Press the ►/|| button. All tracks on the disc are played in random order.
3. To cancel random play, press the RANDOM/PRESET - button again, "RANDOM" disappears.

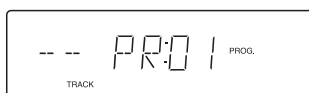
- Random play will not function during programmed play.

PROGRAMMED PLAY

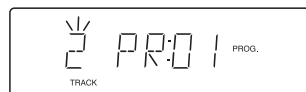
Up to 32 tracks on a disc can be programmed for play in any order.

- 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 PLAY/PAUSE ►/|| 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 32 tracks will result in first programmed track being displayed and discontinuation of the programming.
- To cancel programmed play, press the STOP ■ 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 "-- --" on the track number part 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.

MP3 CD OPERATION

This unit can play back the CD-R/RW that has recorded music data or MP3 files. Before playing back MP3 CD, please read the following.

MP3 CD information

- MP3 CD is the disc that standardized by ISO9660, its file name must include 3-digits extension letters, "mp3".
- The directory and file names of the MP3 CD must be corresponded to the ISO standardized files.
- Single-session disc can be played back.
As for multi-session disc, only the first session can be played back.
- This unit can recognize up to 255 folders or 640 files per disc.
The CD with 256 folders or 641 files and over is not available to this unit.
- This unit can recognize up to 8 directory trees per disc.
- MP3 CD may not be played in the recorded order.
- Music section in "CD Extra" can be played back, not Data section.
- "Mixed CD" cannot be played back.
- Music files recorded by "Packet Writing" cannot be played back.

There are three basic methods for writing to a CD: "Track-at-Once", "Disc-at-Once", and "Packet Writing".

Music files recorded by "Track-at-Once" or "Disc-at-Once" can be played back on this unit. (Note: The unit cannot play back the music files added with "Track-at-Once".)

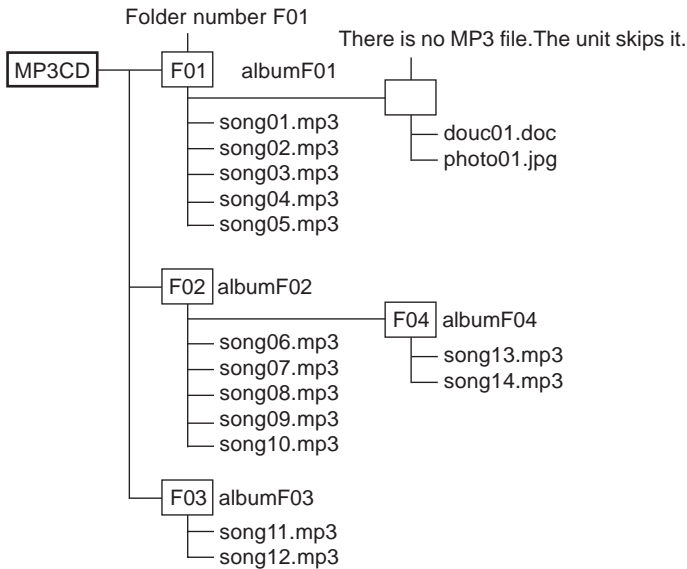
Music files recorded by "Packet Writing" cannot be played back.

Limitations on display

Available letters for display are the following: capital alphabets of A through Z, numbers of 0 through 9, and _ (underline).

MP3CD directory sample:

Playback order: song01 → song02 → ... song14

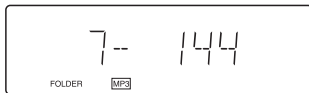


Note:

- Some MP3 CDs can not be played back depending on the recording conditions.
- The CD-R/RW that has no music data or non-MP3 files can not be played back.
- Do not make an empty folder. It may not work correctly.
- In this model, recommend recording setting is 128 kbps of fixing bit rate. If files are recorded in other bit rate (for example: 320 kbps) or in variable bit rate, track-jump may sometimes happen according to recording conditions.

MP3 CD Play (Remote control only)

1. Load the MP3 CD.
"READING" blinks, then the total number of folders and total number of files on the disc appear on the display.



2. Press the FOLDER + or - button on the remote control to select the desired folder.
3. Press the ◀◀ or ▶▶ button to select the desired file.
4. Press the ▶/|| button to start play.



Note:

If there is no music data, "NO DISC" appears.

Display selection

The ID3-Tag is an information field for MP3. Music title, artist name and album name can be stored into the tag. This unit shows these information.

Press the DISPLAY button on the remote control during play.

Each time the button is pressed, the display changes in the following sequence.

Folder name (Album name)/File name (Music name)

Music information: music title

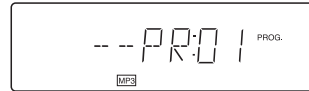
Music information: artist name

Music information: album name

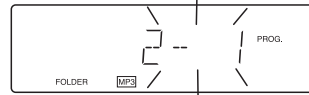
- If no music information is stored, "NO ID3" appears. Press the DISPLAY button again, the file number and elapsed playing time appear.

Programmed playback

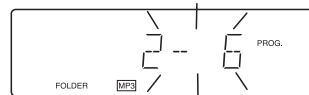
1. In stop mode, press the MEMORY button.



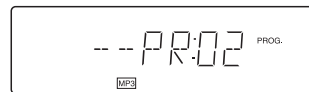
2. Press the FOLDER + or - button on the remote control to select desired folder.



3. Press the ◀◀ or ▶▶ button to select desired file.



4. Press the MEMORY button.



5. Repeat 2 ~ 4 steps to programme additional tracks.
6. Press the ▶/|| button to start programmed play.



7. Press the ■ button at any time to stop the programme play.
- To cancel programmed play, press the STOP ■ button twice.

LISTENING TO TAPES

1. Press the TAPE button to select "TAPE" function.
"TAPE" appears.
2. Press the STOP/EJECT button to open the cassette holder.
3. Load the cassette (Fig. 9).
After loading the cassette, push the cassette holder (PUSH TO CLOSE section) 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 F FWD or REW button. When the desired location has been reached, press the STOP/EJECT button.

Automatic stop system

At the end of the tape while recording or playing back, the cassette deck stops automatically and the buttons are released.

This system does not work in fast forward and rewind operation. Be sure to press the STOP/EJECT button when the end of the tape has been reached.

Example (When using C-60 tape):

Press the STOP/EJECT button after approximately 2 minutes have elapsed under fast forward and rewind operation.

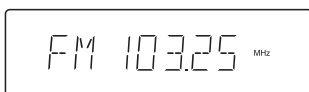
LISTENING TO THE RADIO

Automatic/Manual tuning

1. Press the TUN/BAND button to select FM or AM. The radio frequency appears on the display.
 - When using the remote control, use the TU/BAND button.
2. **Automatic tuning**
Press the REW/TUN DOWN or FF/TUN UP 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.
 - When using the remote control, use the TUNING - or TUNING + button.

Manual tuning

Press the REW/TUN DOWN or FF/TUN UP button briefly until the desired frequency is displayed.



To preset stations (Remote control only)

Up to 24 stations for FM band, 16 stations for AM band can be preset.

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



3. PRESET + or - button on the remote control to select the channel to be preset.



- The number button(s) on the remote control can be used to preset the station. In this example, press 0, then 9 after the step 2 above.
4. Press the MEMORY button.
 - In this example, "103.25 MHz" FM station is preset on FM channel 9.
 5. Repeat steps above to add more preset stations.

When presetting a new station, the previous preset station is cleared.

Listening to preset stations (Remote control only)

1. Press the TUN/BAND button to select FM or AM.
2. Press the PRESET + or - button on the remote control to select the desired channel number.
 - The number button(s) on the remote control can also be used.

To receive FM stereo broadcasts (Remote control only)

"ST" appears when an FM stereo broadcast is received. If not, press the FM MODE button to turn the "ST" indication on.

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

When beat interference is heard

A high-pitched noise called "beat" is sometimes heard during reception of radio broadcasts. It is caused by, Press the FOLDER + button to select "BC-1" or "BC-2". Select the setting that gives the best result.

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 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 button to be recorded.
3. Press the REC button to start recording.
4. Press the STOP/EJECT button to stop recording.

When beat is heard

Beat (a high-pitched noise) may sometimes be heard during the recording of radio broadcasts. If this occurs, set the BEAT CANCEL switch (the rear of the unit) to 1 or 2 position the reduces the level of the beat noise.

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. 10).

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.

USING THE SLEEP TIMER

The sleep timer automatically switches off the power after a preset time has elapsed. There are 9 time periods available: 10, 20, 30, 40, 50, 60, 70, 80, and 90 minutes.

Press the SLEEP button repeatedly to select the desired sleep time. "SLEEP" appears and the selected time appears on the display.

After several seconds, the original display returns, "SLEEP" remains lit.

To release the sleep timer while in operation

Press the SLEEP button repeatedly to select "SLEEP: 00", "SLEEP" disappears from the display. The timer is also released if the power is switched off.

MAINTENANCE

Cleaning the tape heads (Fig. 11)

To ensure continued high performance, use cotton swab to clean the heads, pinch roller and capstan 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. 12). (Consult your dealer.)

Cleaning the unit

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