

# TEAC

# MC-D800

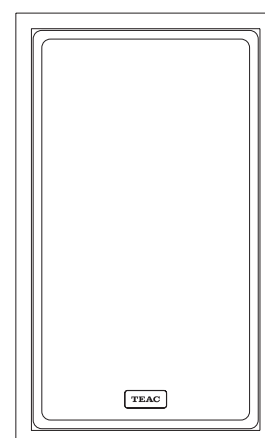
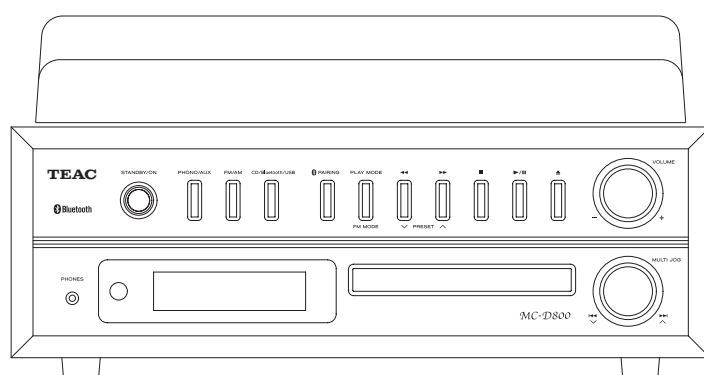
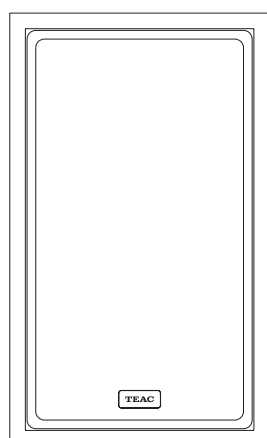
## TURNTABLE AUDIO SYSTEM



**OWNER'S MANUAL**  
**MODE D'EMPLOI**

ENGLISH

FRANÇAIS



## IMPORTANT SAFETY INSTRUCTIONS



**CAUTION**  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead in an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that could be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point in an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

### CAUTION

- DO NOT REMOVE THE EXTERNAL CASES OR CABINETS TO EXPOSE THE ELECTRONICS. NO USER SERVICEABLE PARTS ARE INSIDE.
- IF YOU ARE EXPERIENCING PROBLEMS WITH THIS PRODUCT, CONTACT THE STORE WHERE YOU PURCHASED THE UNIT FOR A SERVICE REFERRAL. DO NOT USE THE PRODUCT UNTIL IT HAS BEEN REPAIRED.
- USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

**IN USA/CANADA, USE ONLY ON 120 V SUPPLY.**

This product contains a semiconductor laser system inside the cabinet and is classified as a "CLASS 1 LASER PRODUCT". To prevent being exposed to the laser beam, do not try to open the enclosure.

**Laser:**

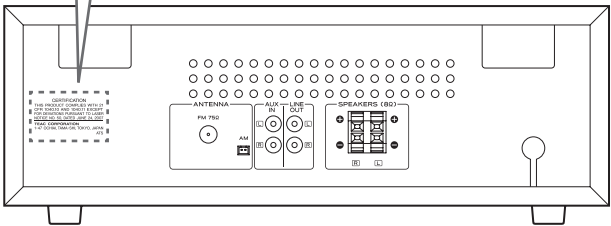
Type: EP-C101  
Manufacturer: GUANGDONG EVER BRIGHT GROUP CO.,LTD.  
Laser output: Less than 0.5 mW  
Wavelength: 790±25 nm

**Model for USA**

This product has been designed and manufactured according to FDA regulations "title 21, CFR, chapter 1, subchapter J, based on the Radiation Control for Health and Safety Act of 1968", and is classified as class **I** laser product. There is not hazardous invisible laser radiation during operation because invisible laser radiation emitted inside of this product is completely confined in the protective housings.

The label required in this regulation is as follows:

**CERTIFICATION**  
THIS PRODUCT COMPLIES WITH 21  
CFR 1040.10 AND 1040.11 EXCEPT  
FOR DEVIATIONS PURSUANT TO LASER  
NOTICE NO. 50, DATED JUNE 24, 2007  
**TEAC CORPORATION**  
1-47 OCHIAI, TAMA-SHI, TOKYO, JAPAN  
ATS



**⚠️ Precautions concerning batteries**

Misuse of batteries could cause them to rupture or leak leading to fire, injury or the staining of nearby things. Please read and observe the following precautions carefully.

- Be sure to insert the batteries with correct positive (⊕) and negative (⊖) orientations.
- Use batteries of the same type. Never use different types of batteries together.
- If the remote control is not used for a long time (more than a month), remove the batteries to prevent them from leaking.
- If the batteries leak, wipe away the leakage inside the battery compartment and replace the batteries with new ones.
- Do not use batteries of types other than those specified. Do not mix new batteries with old ones or use different types of batteries together.
- Do not heat or disassemble batteries. Never throw batteries into fire or water.
- Do not carry or store batteries with other metallic objects. The batteries could short circuit, leak or explode.
- Never recharge a battery unless it is confirmed to be a rechargeable type.

ENGLISH

## IMPORTANT SAFETY INSTRUCTIONS (continued)

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
  - The apparatus draws nominal non-operating power from the AC outlet with its POWER or STANDBY/ON switch not in the ON position.
  - The mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
  - Caution should be taken when using earphones or headphones with the product because excessive sound pressure (volume) from earphones or headphones can cause hearing loss.



### CAUTION

- Do not expose this apparatus to drips or splashes.
- Do not place any objects filled with liquids, such as vases, on the apparatus.
- Do not install this apparatus in a confined space such as a book case or similar unit.
- The apparatus should be located close enough to the AC outlet so that you can easily reach the power cord plug at any time.
- If the product uses batteries (including a battery pack or installed batteries), they should not be exposed to sunshine, fire or excessive heat.
- CAUTION for products that use replaceable lithium batteries: there is danger of explosion if a battery is replaced with an incorrect type of battery. Replace only with the same or equivalent type.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by TEAC is under license.

This product is protected by certain intellectual property rights of Microsoft. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft.

MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson.

  
**Fraunhofer** Institut  
 Integrierte Schaltungen

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# Wireless equipment precautions

## Compliance of radio transmitter and interference

### Model for USA

This device complies with Part.15 of FCC Rules.  
Operation is subject to the following two conditions:

- 1) This device may not cause interference, and
- 2) This device must accept any interference, including interference that may cause undesired operation.

Labeling of authorization  
FCC ID: TZI-MCD800

### Model for Canada

Compliance of radio transmitter  
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Labeling of authorization  
IC: 7234A-MCD800

### CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### CAUTION

Authorization of wireless devices are different in countries or regions. Please use only in the country where you purchased the product.

- Depending on the country, restrictions on the use of Bluetooth wireless technology might exist.

## Radiation Exposure requirements

This equipment meets the regulation, which is recognized internationally, for the case of human exposure to radio waves generated by the transmitter.

## Statement of compliance

### Model for USA

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment.

### Model for Canada

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

## Wireless equipment precautions (cont'd)

### Information for interference (FCC requirements)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the equipment and/or the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## Bluetooth® notes

When using this unit with a mobile phone or other Bluetooth devices, they should be no more than about 10 m (33 ft) apart. Depending on the circumstances of use, however, the effective transmission distance might be shorter.

Wireless communication with every device that supports Bluetooth wireless technology is not guaranteed.

To determine the compatibility between this unit and another device that supports Bluetooth wireless technology, refer to that device's operation manual or contact the shop where you purchased it.



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Thank you for choosing TEAC. Read this manual carefully to get the best performance from this unit.

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## Before use

### Included items

Check to be sure the box includes all the supplied accessories shown below. Please contact the store where you purchased this unit if any of these accessories are missing or have been damaged during transportation.

**Speakers × 1 pair**

**Remote control (RC-1316) × 1**

**45 RPM adapter × 1**

**Sapphire stylus for LP and EP records (already installed)**

**Turntable cover × 1**

**Hinges × 2**

**Batteries for remote control (AA) × 2**

**AM antenna × 1**

**FM antenna (wire type) × 1**

**Owner's manual (this document) × 1**

- Keep this manual in a safe place for future reference.

**Warranty card × 1**

## Precautions for use

- Do not place anything on the turntable cover. Objects on the cover might cause noise due to vibrations or fall off, especially during playback.
- Avoid placing the unit in direct sunlight, close to a source of heat or in other similar conditions. Do not place the unit on top of an amplifier or other equipment that might generate heat that exceeds the operating temperature range of this unit. Doing so could cause discoloration, deformation or malfunction.
- As the unit could become warm during operation, always leave sufficient space around it for ventilation. When installing this unit, leave at least 20 cm (8") between it and walls. To allow good heat dissipation, leave a little space between it and other devices. When placing it in a rack, for example, leave at least 40 cm (16") open above it and 10 cm (4") open behind it. Failure to provide these gaps could cause heat to build up inside and result in fire.
- DO NOT MOVE THE UNIT DURING PLAYBACK. During playback, the disc or the record rotates. Do not lift or move the unit during playback. Doing so may damage the disc, the record, the stylus, the cartridge or the unit.
- Always remove the disc or the record before relocating or moving this unit. Moving the unit with a disc inside or a record on the turntable could damage the disc, the record, the stylus and the cartridge or could cause a malfunction.
- The voltage supplied to the unit should match the voltage as printed on the rear panel. If you are in any doubt regarding this matter, consult an electrician.

- Do not open the cabinet as this might result in damage to the circuitry or electrical shock. If a foreign object should get into the unit, contact your dealer.
- When removing the power plug from the wall outlet, always pull directly on the plug, never yank on the cord.
- If a TV is turned on while the unit is on, static might appear on the TV screen depending on the characteristics of the TV broadcast signal. If this occurs, put this unit into standby mode (off) when using the TV.

## Product registration

Customers in the USA, please visit the following TEAC website to register your TEAC product online.  
<http://audio.teac.com/support/registration/>

## Maintenance

If the surface of the unit gets dirty, wipe it with a soft cloth or use diluted mild liquid soap. Allow the surface of the unit to dry completely before using.

Do not use chemical cleaning cloths, thinner or similar substances as they could damage the surface of the unit.



### CAUTION

**For safety, disconnect the power cord from the socket before cleaning.**

# Discs

## Discs that can be played on this unit

### CDs with the Compact disc Digital Audio logo



**CD-R and CD-RW discs that have been created in the audio CD format and finalized correctly.**  
**CD-R and CD-RW discs that have been written with MP3 or WMA files and finalized.**

This unit can play the above types of discs (without adapters). This unit cannot play any other types of discs.



### CAUTION

**If you try to play any other type of disc with this unit, loud noises that damage speakers or harm hearing could occur. Never try to play any other type of disc with this unit.**

- This unit might not be able to properly play back Copy Control CDs, Dual Discs and other special CDs that do not conform to the Red Book CD standard. Operation and sound quality cannot be guaranteed when special discs are used in this unit. If playback of a special disc should cause trouble, contact the seller of the disc.

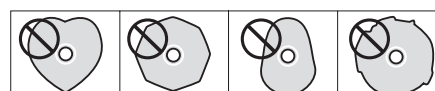
## CD-R/CD-RW discs

This unit can play back CD-R and CD-RW discs that have been recorded in the audio CD format (CD-DA) and the MP3 or WMA format.

- Discs created by a CD recorder must be finalized with the CD recorder that was used to create the discs before being used with this unit.
- Depending on disc quality and recording conditions, playback of some discs might not be possible. Please see the manual for the device that you used to create the disc.
- If you are uncertain about the handling of a CD-R or CD-RW disc, please contact the seller of the disc directly.

## Precautions for use

- Do not use cracked discs because they could damage the unit.
- When writing something on the label side of a disc, use a felt tip permanent marker. The use of a ball-point pen or other pen with a hard tip could damage the disc, making it unplayable.
- Never use commercially available CD stabilizers. Doing so could make the disc unplayable or damage the unit.
- Never use CDs with irregular shapes, including heart-shaped and octagonal discs because such discs could damage the unit.



## Handling precautions

- Always insert the disc into the disc tray with the label side up. Only one side of a Compact Disc can be played or used for recording.
- If the side of the disc that the signal is recorded on (unlabeled side) has scratches, fingerprints or dirt on it, for example, playback errors could occur. Please handle discs with care.
- To remove a disc from its case, press down on the center of the case and hold the disc by its edges. Do not touch the side of the disc that has the data encoded on it (unlabeled side).



Removal from case



Holding by edges

## Storage precautions

- Discs should be stored in their cases when not being used. Failure to do so could result in warping and scratches.
- Do not leave discs in places that are exposed to direct sunlight or that are very humid or hot. Long exposure to such conditions could warp or degrade discs, making them unplayable.
- Since CD-R/CD-RW discs are more susceptible to the effects of heat and ultraviolet rays compared to commercial CDs, do not leave them for long periods of time in places that are, for example, exposed to direct sunlight or near equipment that generate heat.
- Smudges on a disc might cause the sound to skip or degrade the sound quality. Always clean discs before storing them.

## Maintenance

- If the side of the disc that has the data encoded on it (unlabeled side) becomes dirty with fingerprints or dust, use a soft cloth to wipe the surface from the center directly toward the edge.



- Never use record cleaners, antistatic treatments, thinners or similar chemicals to clean discs. Such chemicals could harm the surface of the disc.

## MP3/WMA files

This unit can play MP3 and WMA files that are on CD-R/CD-RW discs and USB flash drives.

- Audio file formats that can be played back
  - MP3 (file extension: .mp3)
    - Bit rate: 8 kbps to 320 kbps
    - Sampling frequency: 16 kHz to 48 kHz
  - WMA (file extension: .wma)
    - Bit rate: 8 kbps to 320 kbps
    - Sampling frequency: 32 kHz, 44.1 kHz, 48 kHz
- Note: Digital Rights Management (DRM) is not supported.
- Up to eight levels of folders supported

### File information shown on the display

The display of this unit can only show single-byte alphanumeric characters.

- If the file information uses Japanese, Chinese or other double-byte characters, playback is possible but the name will not be shown correctly.

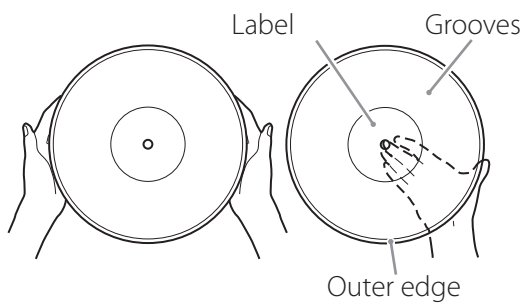
### Precautions when creating MP3/WMA files on a computer

- Only discs that have been recorded using the ISO 9660 standard can be played by this unit.
- MP3 and WMA files are recognized by their file extensions (".mp3" for MP3 files and ".wma" for WMA files.) Always include the extension in the file name.
- Files without extensions cannot be recognized. A file cannot be played back regardless of the file name extension, if the data is not in the MP3 or WMA format.
- After recording to a CD-R/CD-RW, always close the session (complete disc creation). This unit cannot play a disc if its session has not been closed.
- A maximum of 999 files and 99 folders on a disc can be played. If the media has more than these maximums, this unit might not be able to correctly play any file that is the 1000th or higher or any folder that is the 100th or higher.
- Discs made with multi-session recording are not supported. Only the first session can be played back.
- Depending on the condition of the disc, playback might not be possible or the sound might skip.
- This unit cannot play copyright-protected audio files.

# Handling records

## Holding records

When holding a record or removing it from its sleeve, avoid touching the grooves by holding the record by its label and edge with one hand or by holding it by its edge with both hands.



## Cleaning

- Fingerprints and dust on a record can cause noise and the sound to skip, as well as damage the record itself and the stylus. Use a commercially available record cleaner to clean records. Do not use thinner or anything other than a record cleaner. Such chemicals could harm the surface of the record.
- When using a record cleaner, wipe the surface of the record in a circular motion, following the grooves.



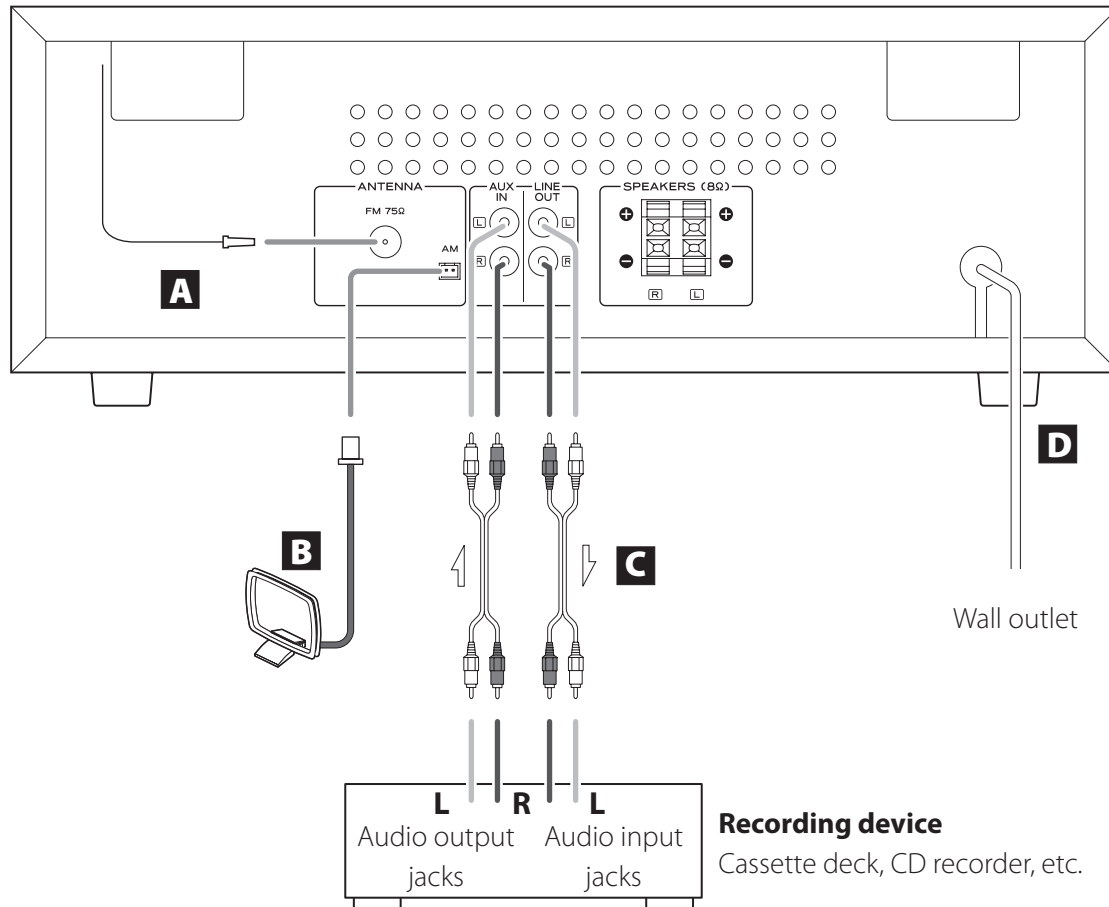
## Precautions

- Do not leave records in places that are exposed to direct sunlight or are very hot or very humid. Leaving a record in such a condition for a long time could result in warping or other damage.
- Do not stack multiple records or place heavy objects on top of them. Do not leave records at an angle for long amounts of time either. Doing so could result in warping or other damage.
- Do not allow hard objects to directly touch the audio grooves. Doing so could cause scratches.
- After you finish playing a record, always put it back into its sleeve for storage. Leaving a record unprotected could result in warping or scratching.
- Do not use cracked records.

## Connections

### ⚠ Precautions when making connections

- Do not turn the unit on until after making all connections.
- Carefully read the manuals of the devices that you are connecting and follow their instructions when making connections.



### **A** FM antenna connector

Extend the FM antenna and fix it in the position where the reception is best (on a window frame or wall, for example).

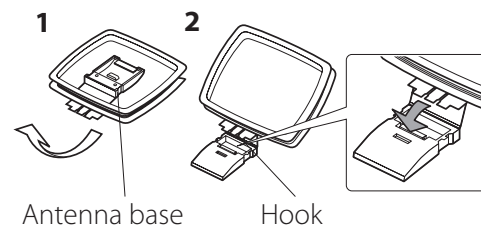
### **B** AM antenna connector

Assemble the included AM loop antenna and connect it to the AM antenna jack on the back of the unit.

Place the antenna in the position that provides the best AM reception.

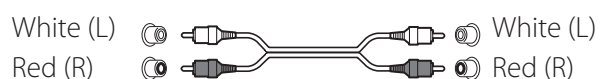
### Assembling the AM antenna

To assemble the AM antenna, turn the base in the direction of the arrow. Then, insert the hook at the bottom of the loop into the slot in the base.



## C Analog audio input and output jacks (AUX IN/LINE OUT)

These input and output analog audio signals. Use commercially available audio cables to connect other equipment to the input and output jacks of this unit.



- To connect and use a cassette deck, CD recorder or other recording device, connect that device's output jacks to this unit's AUX IN jacks, and that device's input jacks to this unit's LINE OUT jacks.
- Insert the plugs completely. Do not bundle these cords with power cords or speaker cables. Doing so could reduce the audio quality or cause noise.

## D AC power cord

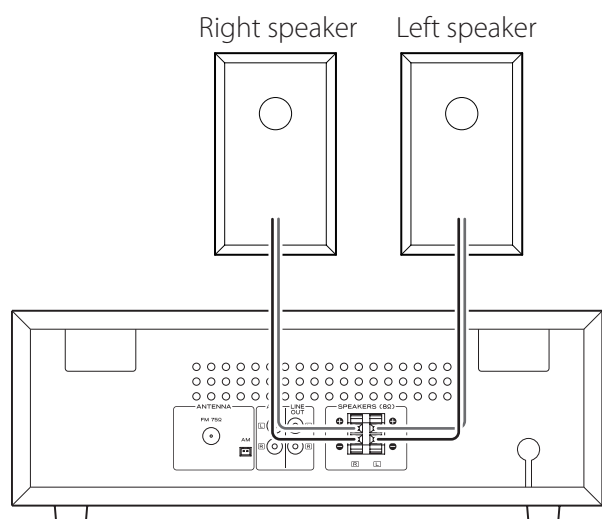
Confirm that the power plug is plugged into a working outlet.

- ⚠ **Be sure to connect the power cord to an AC outlet that supplies the correct voltage. Connection to an outlet that supplies incorrect voltage could cause fire or electric shock. Hold the power plug when plugging it into an outlet or unplugging it. Never pull or yank on the power cord. Unplug the power cord from the outlet when you are not planning to use the unit for an extended period of time.**

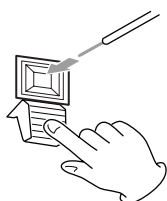
## Connections (continued)

### Connecting the speakers

Connect the speaker cables that are already attached to the included speakers to this unit's speaker terminals.



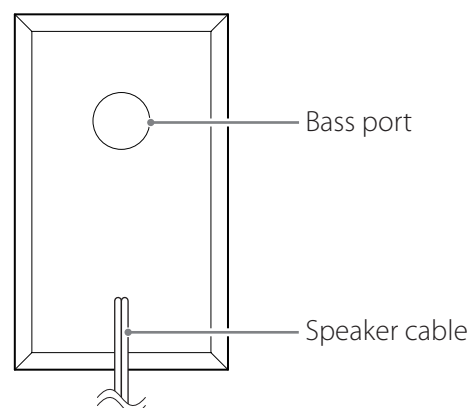
While pressing the lever, insert the end of the cable (where the wire is exposed). Release the lever to connect the speaker cable.



Connect the end of the  $\oplus$  speaker cable with the red mark to the red speaker terminal of the unit.  
Connect the end of the  $\ominus$  speaker cable with no mark to the black speaker terminal of the unit.

- Gently pull the cables to make sure they are connected firmly.
- Confirm that only the exposed part of the wire is inserted into the terminal and that the cable sheath is not touching the terminal.
- A short could occur if the exposed core wire at the tip of a speaker cable touches another cable or terminal.
- Never let the speaker cables short.
- In order to avoid noise, do not bundle speaker cables with power cords or other cables.

The included speakers have bass ports in their backs. Place the speakers so that these ports are not blocked by, for example, other objects or walls.



## Replacing the stylus

- Record styluses are precision parts, so handle them carefully to avoid bending or damaging their tips. If a stylus becomes bent or damaged, it might not be able to follow the audio groove precisely and could damage records or cause other malfunction.
- If a stylus becomes dirty, use a commercially available stylus cleaner or similar product to clean it.
- Do not rub the stylus tip forcefully with anything hard. Do not wipe the stylus with thinner or other chemicals. Doing so could harm it.

### Replacing the stylus

Using a record stylus wears it down, which could cause the sound quality to worsen and possibly damage records. Replace the stylus with a replacement stylus specified by TEAC as soon as possible.

In general, you should replace a sapphire stylus for LP and EP records after about 50 hours of use and a diamond stylus for SP records after about every 100 hours.

#### CAUTION

- Since loud noises could suddenly occur, put the unit into standby before changing the stylus.
- Be careful not to hurt your hand or the equipment.
- Be careful not to allow small children to accidentally swallow styluses.

#### Replacement styluses (sold separately)

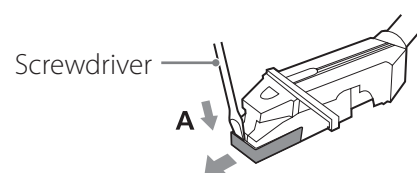
**STL-103: Sapphire stylus for LP and EP records**  
(3 per set)

**SPL-102: Diamond stylus for SP records**  
(2 per set)

For replacement styluses, contact your dealer.

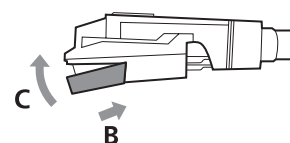
### Removing the stylus (red part)

- 1 Press the **STANDBY/ON** button to put the unit into standby.**
- 2 Hold the cartridge with one hand, and use a small screwdriver or other tool to push the level difference at the front of the stylus down in the “A” direction. Then, pull it forward and off.**

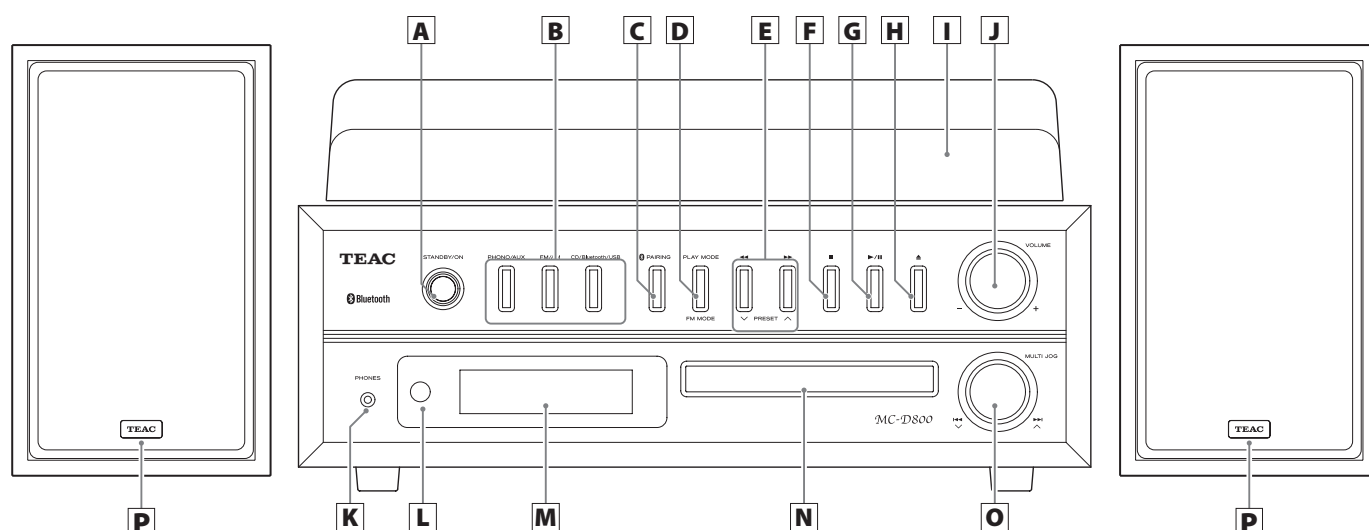


### Attaching a new stylus

- 1 Insert it in the “B” direction so that the end of the stylus fits into the cartridge.**
- 2 Push in the “C” direction until it snaps into place.**



## Names and functions of parts (main unit)



### A STANDBY/ON button

Press this button to turn the unit on or put it in standby.

### B FUNCTION buttons (PHONO/AUX, FM/AM, CD/Bluetooth/USB)

Press the PHONO/AUX button to switch between PHONO and AUX as shown below.

PHONO ↔ AUX

To listen to a record, press the PHONO/AUX button and select PHONO.

To listen to a device connected to the auxiliary input (AUX IN) jacks, press the PHONO/AUX button and select "AUX".

Each time you press the FM/AM button, the unit will switch between FM and AM broadcast reception as shown below.

FM ↔ AM

To listen to an FM station, press the FM/AM button and select "FM".

To listen to an AM station, press the FM/AM button and select "AM".

Each time you press the CD/Bluetooth/USB button, the function will change as shown below.

CD → Bluetooth → USB

To listen to a CD, press the CD/Bluetooth/USB button and select "CD".

To listen to a Bluetooth device, press the CD/Bluetooth/USB button and select "Bluetooth".

To listen to a USB flash drive, press the CD/Bluetooth/USB button and select "USB".

### C PAIRING button

Use this when pairing with other Bluetooth devices and when ending Bluetooth connections (pages 44 and 43).

### D PLAY MODE button FM MODE button

When listening to an CD/MP3/WMA file, use to change the play mode (normal, repeat, shuffle) (page 38).

When listening to FM radio, use to switch between stereo and mono (page 49).

## **E Search ( ◀◀/▶▶ ) buttons**

### **PRESET ( ∨/∧ ) buttons**

Press and hold during CD or MP3/WMA file playback to search forward/backward (page 33).

When listening to the radio, use to select preset stations (page 51).

## **F Stop ( ■ ) button**

Press to stop CD/USB/Bluetooth playback.

## **G Play/pause ( ▶ / II ) button**

Press when the CD, USB or a supported Bluetooth device is stopped or paused to start playback.

Use this button to pause playback during playback.

## **H Open/close button ( ▲ )**

Press to open and close the disc tray.

## **I Turntable cover**

## **J VOLUME knob**

Use to adjust the volume. Turn right to raise the volume and left to lower it.

## **K PHONES jack**

When you use headphones, first reduce the volume level to minimum. Then, insert the plug from your headphones into the PHONES jack, and turn the volume up gradually by turning the VOLUME knob.

- Do not turn the unit on and put it into standby or connect and disconnect the headphones plug while wearing headphones. (Doing so could cause loud noise to be output from the headphones.)
- When a plug is in the headphones jack, no sound will be output from the speakers.

## **L Remote control signal receiver**

Signals sent from the remote control are received here. When using a remote, point it toward this spot.

## **M Display**

This shows the track number, time, FM/AM frequency and other information.

## **N Disc tray**

## **O Scroll/skip (MULTI JOG/ ◀◀ ▶▶ / ∨ ∧ ) knob**

Use when tuning the radio to select stations (page 49).

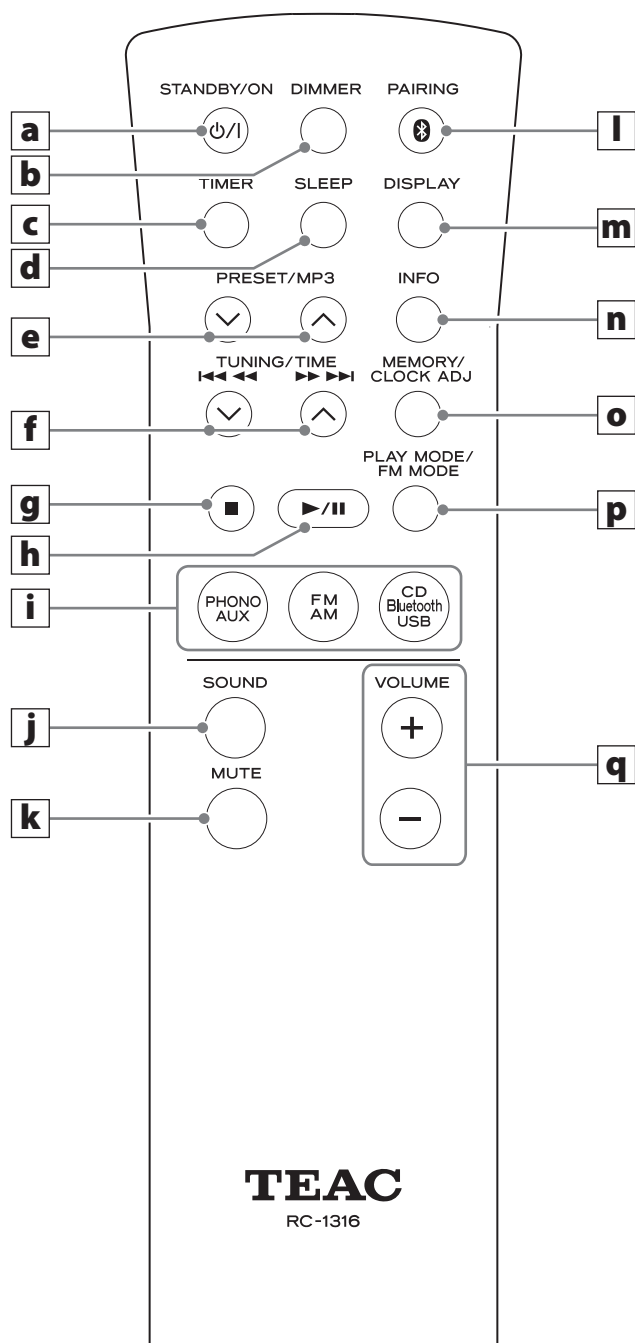
Use this also to set the current time and the wakeup timer (pages 25 and 52).

When listening to a CD or USB flash drive, use to skip to the previous or next track/file (page 33).

## **P Right/left speakers**

Place the speakers as desired.

## Names and functions of parts (remote control)



When both the main unit and the remote control have buttons with the same functions, the instructions in this manual refer to only one set of buttons, but the other set of buttons can be used in the same way.

### a STANDBY/ON button

### b DIMMER button

Use to adjust the display brightness (page 29).

### c TIMER button

Use to turn the wakeup timer on and off (pages 52 and 55).

### d SLEEP button

Use to set the sleep timer (page 55).

### e PRESET/MP3 (∨/∧) buttons

When listening to the radio, use to select preset radio stations (page 51).

When listening to an MP3/WMA file, use to select the folder number (page 34).

### f TUNING/TIME (∨/∧) buttons

#### Skip/search (◀◀ ◀▶ ▶▶ ▶▶) buttons

When listening to the radio, use for manual and auto station tuning (pages 49 and 48).

When listening to an MP3/WMA file, use to select the file number (page 34).

When setting the clock and the wakeup timer, use to set the time (pages 25 and 52).

When listening to a CD or USB flash drive, use to skip to the previous or next track/file. Press and hold during CD or MP3/WMA file playback to search forward/backward (page 33).

### g Stop (■) button

Press to stop playback.

### h Play/pause (▶/||) button

Press when stopped or paused to start playback.

Use this button to pause playback during playback (page 33).

### i Function buttons

#### (PHONO/AUX, FM/AM, CD/Bluetooth/USB)

Press the PHONO/AUX button to switch between PHONO and AUX.

To listen to a record, press the PHONO/AUX button and select "PHONO".

To listen to a device connected to the auxiliary input (AUX IN) jacks, press the PHONO/AUX button and select "AUX".

Each time you press the FM/AM button, the unit will switch between FM and AM broadcast reception.

To listen to an FM station, press the FM/AM button and select "FM".

To listen to an AM station, press the FM/AM button and select "AM".

Each time you press the CD/Bluetooth/USB button, the function will change as shown below.



To listen to a CD, press the CD/Bluetooth/USB button and select "CD".

To listen to a Bluetooth device, press the CD/Bluetooth/USB button and select "Bluetooth".

To listen to a USB flash drive, press the CD/Bluetooth/USB button and select "USB".

#### **j SOUND button**

Use to adjust the bass and treble, as well as the left-right volume balance (page 28).

#### **k MUTE button**

Use to temporarily silence the output (page 29).

#### **l PAIRING button**

Use this when pairing with other Bluetooth devices and when ending Bluetooth connections (pages 44 and 43).

#### **m DISPLAY button**

Press when FM/AM or CD/Bluetooth/USB is selected to show the current time.

#### **n INFO button**

When listening to an MP3/WMA file, use to change the information shown on the display (page 40).

#### **o MEMORY/CLOCK ADJ button**

When listening to the radio, use when setting radio station presets (pages 50 and 51).

Use this when programming tracks/files and checking programmed tracks/files (pages 34 to 37).

Use to adjust the clock (pages 25 and 26).

#### **p PLAY MODE/FM MODE button**

When listening to a CD or USB flash drive, use to change the play mode (normal, repeat, shuffle) (page 38).

When listening to FM radio, use to switch between stereo and mono (page 49).

#### **q VOLUME (+/–) buttons**

Use to adjust the volume. Press the + button to raise the volume, and press the – button to lower the volume.

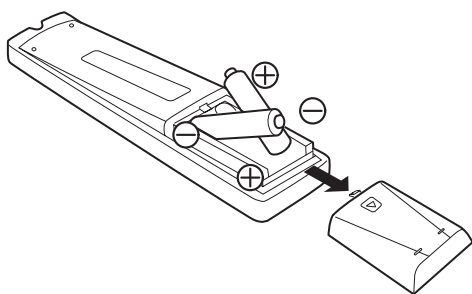
## Using the remote control

### Precautions for use

- When using the remote control, point it toward the remote control signal receiver on the main unit from a distance of 5 m (16 ft) or less. Do not place obstructions between the main unit and the remote control.
- The remote control might not work if the remote control signal receiver on the main unit is exposed to sunlight or bright lights. In this case, try moving the main unit.
- Beware that use of this remote control could cause the unintentional operation of other devices that can be controlled by infrared rays.

### Installing batteries

Remove the cover from the back of the remote control. Insert two AA batteries into the compartment according to the +/– indications. Then, close the cover.



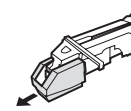
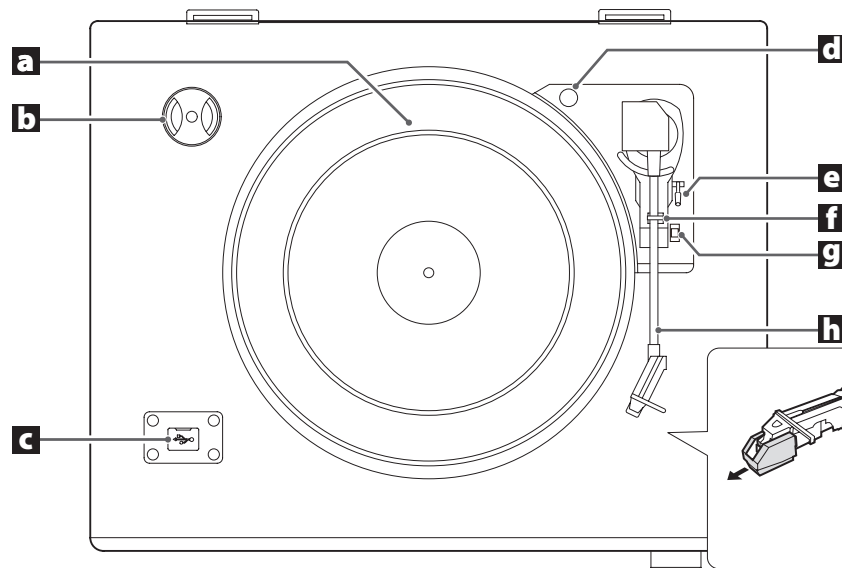
### When to replace batteries

If the distance required between the remote and main unit decreases or if the unit stops responding to the remote buttons, replace both batteries with new ones. Dispose of the used batteries according to the instructions on them or requirements set by your local municipality.

#### **⚠ CAUTION**

**Misuse of batteries could cause them to rupture or leak, which might result in fire, injury or the staining of nearby materials. Please read and observe the precautions on page 3 carefully.**

## Names and functions of parts (turntable)



Before use, remove the needle cover (white plastic part) by pulling it in the direction of the arrow.

ENGLISH

### **a** Turntable

Place records centered on the turntable.

### **b** 45 RPM adapter

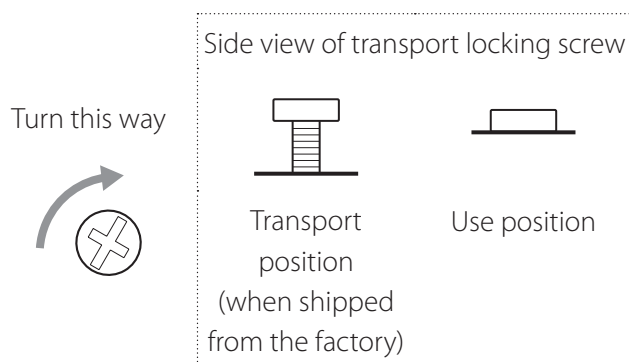
Use this when playing back records with large holes.

### **c** USB

Connect a USB flash drive to the unit.

### **d** Transport locking screw

Before using the record player, use a coin or other tool to turn the transport locking screw clockwise until it stops.



Before transporting this unit (to move residences, for example) turn the screw counterclockwise until it stops to secure the turntable.

### **e** Cue lever

Use this lever to lift the tone arm from the record.

### **f** Tone arm holder

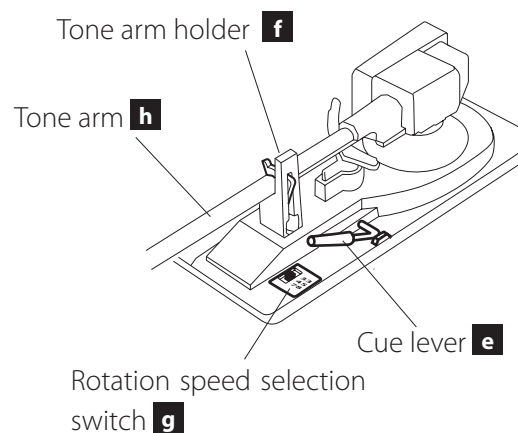
This is a rest for the tone arm. Gently push the clasp to the right to release the tone arm before playing a record.

### **g** Rotation speed selection switch

Set the rotation speed (RPM) suitable for the record.

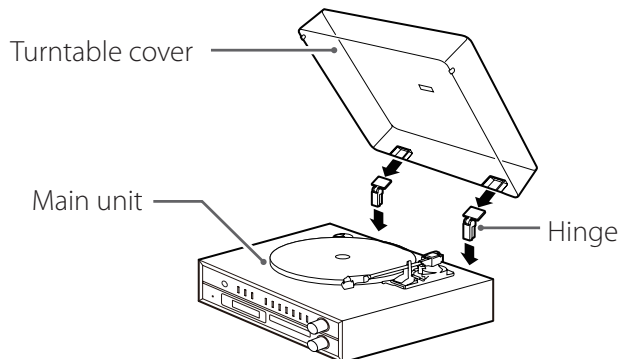
### **h** Tone arm

When you move the tone arm toward the record, the turntable will begin to turn.



## Turntable cover

### Attaching the turntable cover

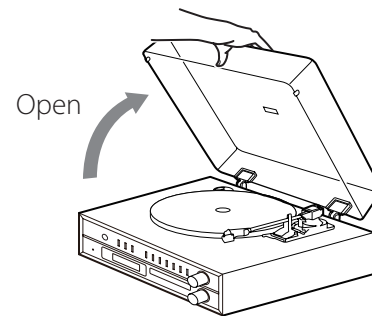


- 1 Insert the hinges completely into the hinge holders at the left and right ends of the back of the main unit.**
- 2 Align the tops of the hinges with the turntable cover hinge holders and insert them.**

### Removing the turntable cover

Hold both edges of the turntable cover and lift it slowly to remove it along with the hinges from the unit. Then, remove the hinges from the turntable cover.

### Opening and closing the turntable cover



#### Opening

Hold the front edge of the turntable cover and gently lift it open completely until it stops. The turntable cover will stay open in this position.

#### Closing

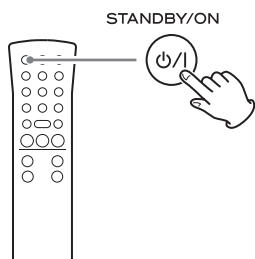
Gently lower the turntable cover until it is closed.

**⚠ Be careful not to pinch your hand, for example, when opening and closing the turntable cover.**

## Setting the clock

Set the current time before using the unit.

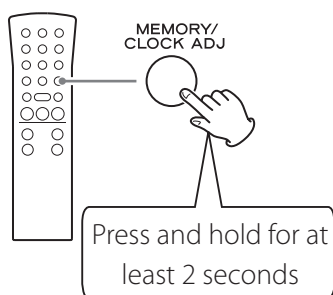
- 1 Press the **STANDBY/ON** button to put the unit into standby.



### NOTE

The clock can also be set when the unit is on, but not when the unit is in radio, CD or USB mode.

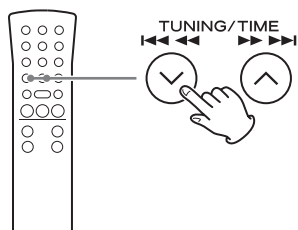
- 2 Press and hold the **CLOCK ADJUST** button for at least two seconds.



"SET CLOCK" scrolls across the display.

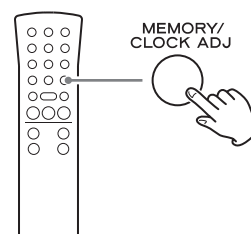


- 3 Press the **TIME (✓/∧)** buttons to switch between 24 HOUR and 12 HOUR (24-hour or 12-hour time display).



- If a setting is left for more than 20 seconds, this time setting mode will end.

- 4 Press the **CLOCK ADJUST** button again.

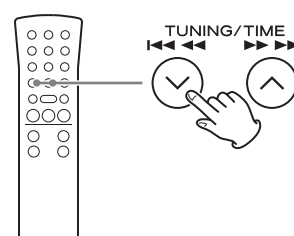


Display example



The "hour" value blinks.

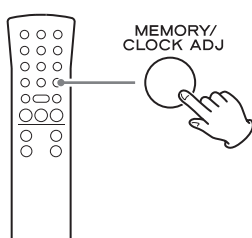
- 5 Press the **TIME (✓/∧)** buttons to set the current hour.



Continued on the next page →

## Setting the clock (continued)

### 6 Press the **CLOCK ADJUST** button.

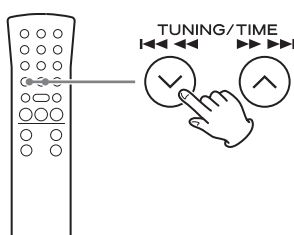


Display example

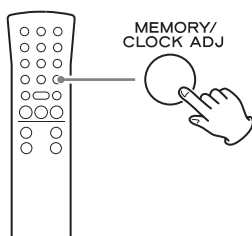


The minute value blinks.

### 7 Press the **TIME** (∇/∧) buttons to set the current minute.



### 8 Press the **CLOCK ADJUST** button.



This completes the procedures for setting the time.

The clock will start from the set minute at 0 seconds.

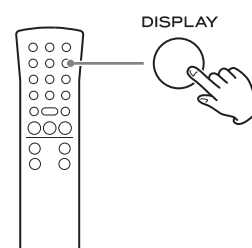
- The unit's clock and wakeup timer settings will be erased if a power outage occurs or the power cord is unplugged from an outlet.

### Current time display

The clock is always shown when the unit is in standby mode (off) and when the function is set to PHONO/AUX.

Press the remote control's DISPLAY button to show the clock on the display.

- The current time is shown for three seconds in CD/USB and FM/AM modes.



### Display example

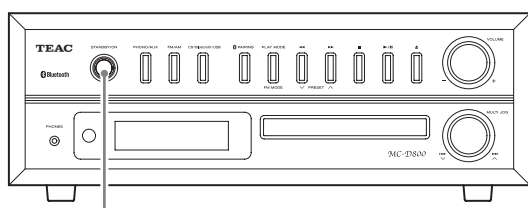


Current time

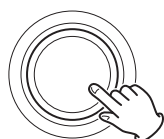
- The DISPLAY button does not function in AUX/PHONO and Bluetooth modes.
- In Bluetooth mode, the current time is only shown when paired.

## Basic operation

- 1 Press the **STANDBY/ON** button to turn the unit on.

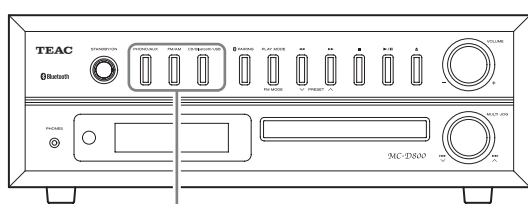


STANDBY/ON

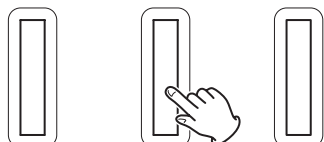


- Even when in standby (unit off), pressing a function button will turn the unit on.

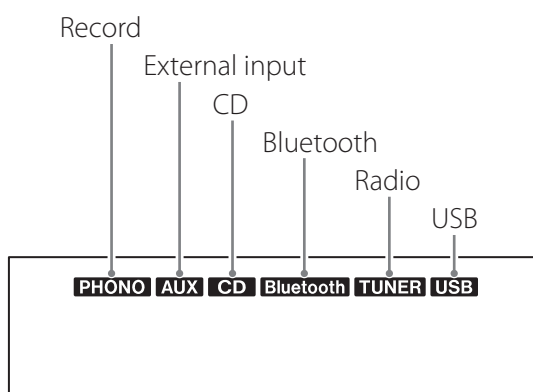
- 2 Press a function button to set the playback source.



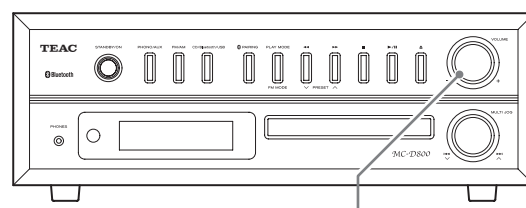
PHONO/AUX FM/AM CD/Bluetooth/USB



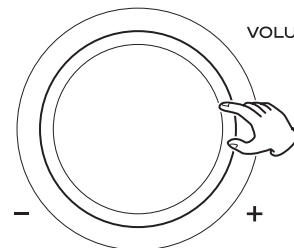
When a playback source is selected, the corresponding indicator appears on the display.



- 3 Turn the **VOLUME** knob to adjust the volume.



VOLUME



MIN (0): minimum volume  
MAX (40): maximum volume

Turn the VOLUME knob right to raise the volume and left to lower it.

- The default value is 20.
- When you turn the VOLUME knob, the volume will be shown for about three seconds.
- When the volume is at minimum level, "MIN" appears on the display. At maximum, "MAX" appears.

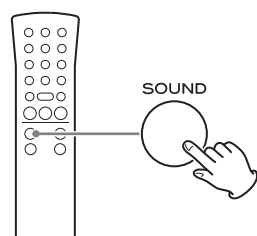
**⚠ Sudden loud noises could damage your hearing or cause other harm. Set the volume to minimum. After sound output begins, adjust the volume to a suitable level.**

- When not using this unit, press the STANDBY/ON button to put the unit into standby.

## Basic operation (continued)

### Adjusting the bass, treble and stereo balance

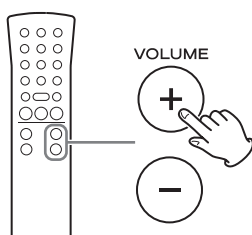
- 1 Press the **SOUND** button to select the item you want to adjust.



Pressing the SOUND button cycles through the items in the following order.



- 2 Within three seconds, start using the **VOLUME (+/-)** buttons to adjust the setting.



- If three seconds pass without any adjustment, the setting mode will end.

### Setting items and ranges

#### BASS (low frequencies)

Use to adjust the bass.

Setting range: -5 to +5

Default value: 0

Display example

A digital display showing the text 'BASS +3' in a stylized, segmented font.

#### TREBLE (high frequencies)

Use to adjust the treble.

Setting range: -5 to +5

Default value: 0

Display example

A digital display showing the text 'TRE +2' in a stylized, segmented font.

#### BALANCE

Use to adjust the left-right stereo balance.

Setting range: L+10 to R+10

Default value: CENTER

Display example

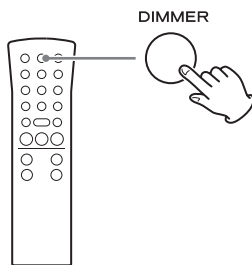
A digital display showing the text 'BAL R+1' in a stylized, segmented font.

You should usually leave BALANCE set to CENTER.

A digital display showing the text 'CENTER' in a stylized, segmented font.

## Adjusting the brightness of the display

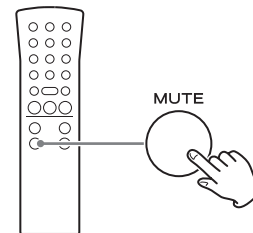
Press the DIMMER button to cycle through the following brightness settings.



- When the unit enters standby, the dimmer setting is reset to ordinary brightness.

## Muting the output

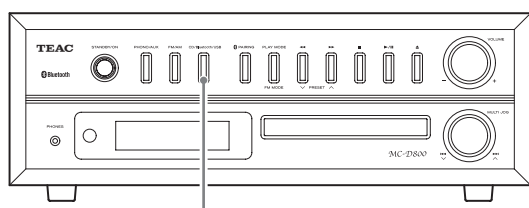
Press the MUTE button to temporarily silence the output. Press the MUTE button again to resume output at the previously set volume level.



- When the mute function is active, "MUTE" appears on the display.
- When the mute function is active, adjusting the volume will unmute the output.
- When the mute function is active, changing the source will unmute the output.

## Listening to a CD

- 1 Press the CD/Bluetooth/USB button to select "CD".**



CD/Bluetooth/USB

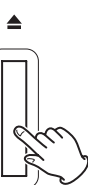
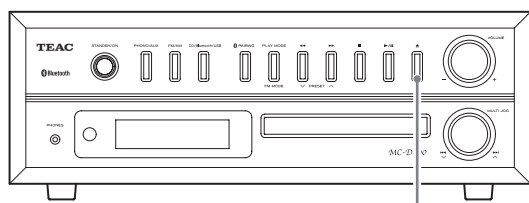


Each time you press the CD/Bluetooth/USB button, the function will change as shown below.



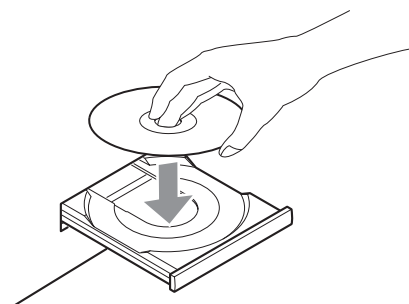
After switching to CD, "DISC" will appear, "READING" will blink for several seconds, and then the CD will be in a stopped state. If no disc is loaded, "NO DISC" appears on the display.

- 2 Press the open/close (▲) button to open the tray.**



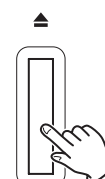
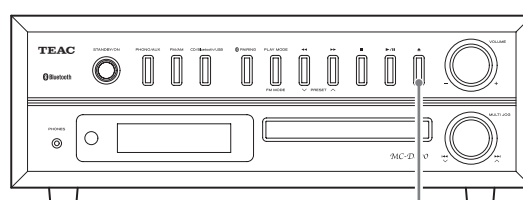
The disc tray opens forward.

- 3 Place a disc centered on the tray with the labeled side up.**



- Never place more than one disc on the tray.
- If the tray is closed while a disc is outside the center guides, the disc might become stuck inside and the tray might not open. Be sure to always place discs within the guides at the center of the tray.
- Do not force the tray by hand when opening or closing.

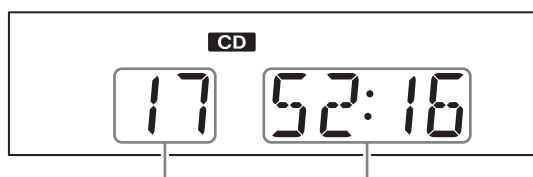
- 4 Press the open/close (▲) button to close the tray.**



Be careful not to let your fingers be pinched when the tray closes.

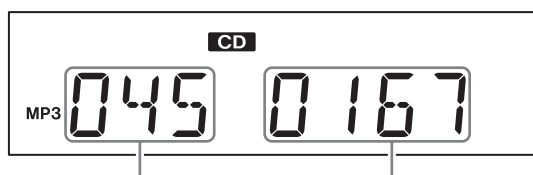
- The unit takes a few seconds to load the disc. No buttons will work when "READING" is displayed. Wait until the disc information is displayed.

### Audio CD display example



Total number of tracks      Total playback time

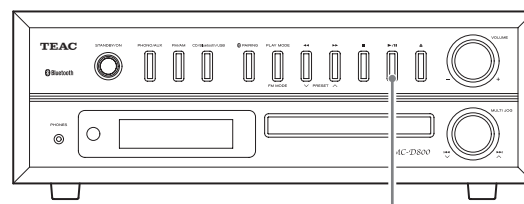
### MP3/WMA file display example



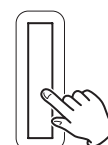
Folder number      File number

- A non-audio disc might be “played” in the same manner as an audio disc, but sound will not be output.
- When the current file is a WMA file, “WMA” will appear on the left side of the display.

## 5 Press the play/pause (▶/||) button.

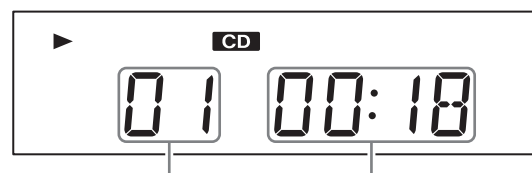


▶/||



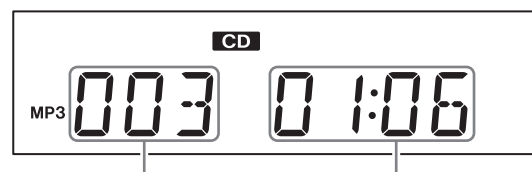
Playback will start from the first track and ▶ will appear on the display.

### Audio CD display example



Track number      Playback elapsed time

### MP3/WMA file display example



File number      Playback elapsed time

- If you press the play/pause (▶/||) button without closing the disc tray, the tray will close automatically and playback will start.
- This unit treats MP3/WMA files that are not in folders as being in the 001 (ROOT) folder. Playback starts from the first track in the 001 (ROOT) folder.
- For details about the playback order of MP3/WMA files, see page 39.
- After all tracks have played, playback will automatically stop.

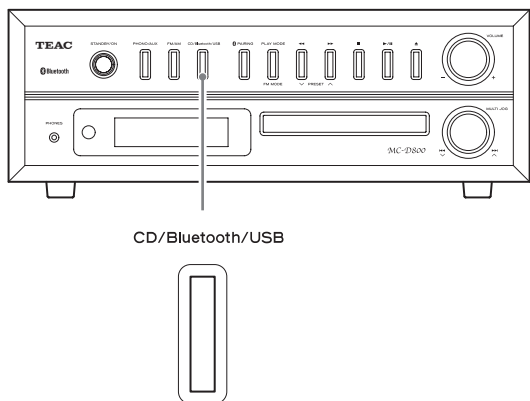
# Listening files on a USB flash drive

You can play audio files stored on a USB flash drive by connecting it to this unit.\*

For details about the playback order of MP3/WMA files, see “MP3/WMA files” on page 12.

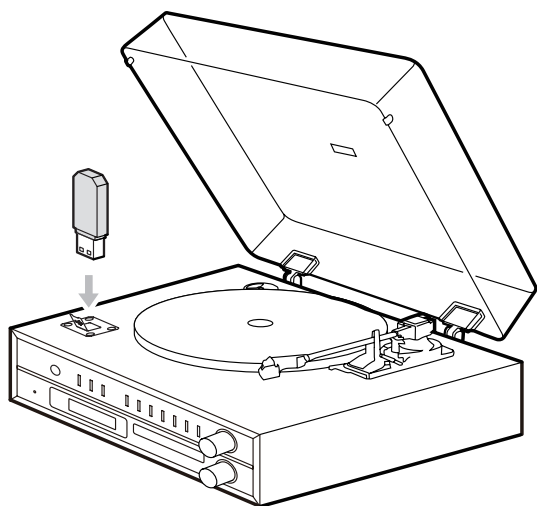
\*The USB port on this unit only support USB flash drives (also known as “thumb drives” and “jump drives”). It does not support standard USB hard drives.

## 1 Press the CD/Bluetooth/USB button to select “USB”.



After switching to USB, “USB” will appear, “READING” will blink for several seconds, and then the USB flash drive will be in a stopped state. If no USB flash drive is connected, “NO USB” will appear on the display.

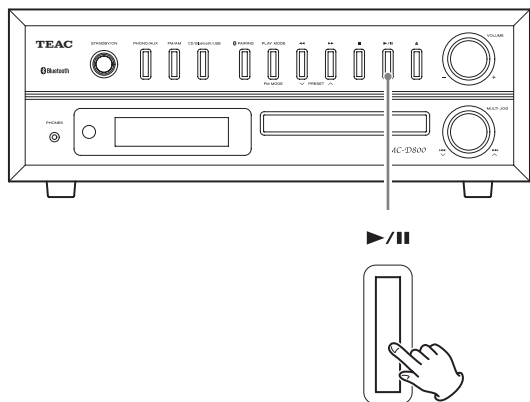
## 2 Lift the USB port cover and insert a USB flash drive.



### CAUTION

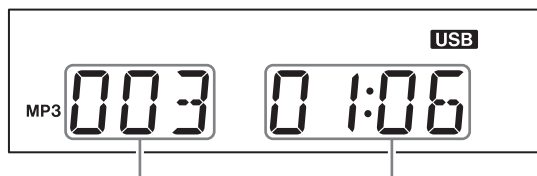
If using the turntable cover, close it slowly to avoid contacting the USB flash drive.  
If the turntable cover would contact the USB flash drive, do not close the cover.

## 3 Press the play/pause (▶/II) button.



Playback will start from the first file and ▶ will appear on the display.

Display example

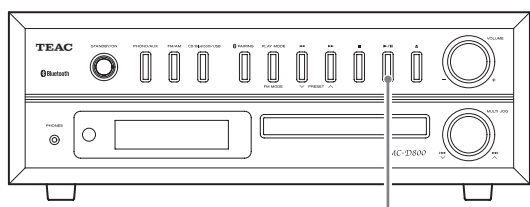


File number

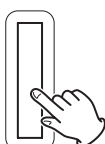
Playback elapsed time

# Listening to a CD/files on a USB flash drive

## Pausing playback



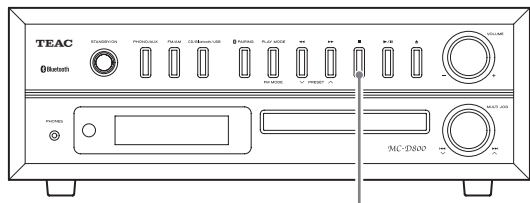
▶/II



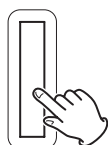
Press the play/pause (▶/II) button to pause playback. When paused, press the play/pause (▶/II) button to resume playback from the paused point.

- When paused, the playback time will blink.

## Stopping playback

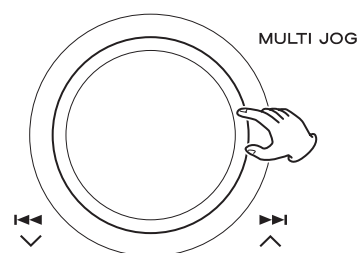
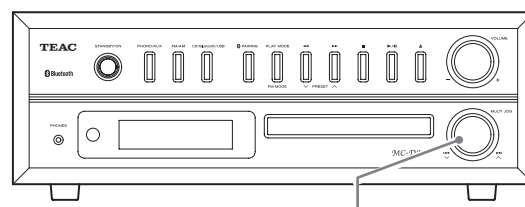


■



Press the stop (■) button to stop playback.

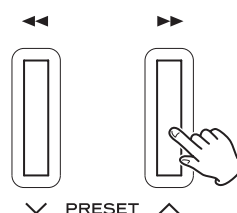
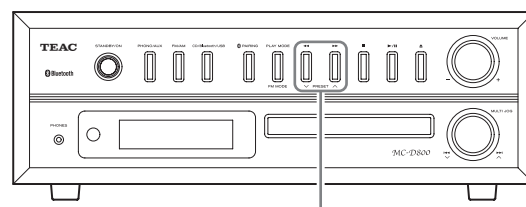
## Skipping tracks/files



During playback, press the skip (I◀◀/▶▶I) knob to skip to the previous or next track/file and start playback. Keep turning until you reach the desired track/file number.

- When stopped, after selecting a track/file with the skip (I◀◀/▶▶I) knob, press the play/pause (▶/II) button to start playback.
- During playback, turn slightly toward I◀◀ to return to the beginning of the currently playing track/file. To play an earlier track/file, continue turning toward I◀◀.

## Search for a part of a track/file



During playback, press and hold a search (◀◀/▶▶) button to search forward/backward. When you stop pressing, ordinary playback will resume.