

РУССКИЙ

SVENSKA

ITALIANO

ESPAÑOL

NEDERLANDS

DEUTSCH

FRANÇAIS

ENGLISH



**marantz®**

CD Player  
**CD6003**

User Guide

## ENGLISH

### **WARRANTY**

For warranty information, contact your local Marantz distributor.

### **RETAIN YOUR PURCHASE RECEIPT**

Your purchase receipt is your permanent record of a valuable purchase. It should be kept in a safe place to be referred to as necessary for insurance purposes or when corresponding with Marantz.

### **IMPORTANT**

When seeking warranty service, it is the responsibility of the consumer to establish proof and date of purchase. Your purchase receipt or invoice is adequate for such proof.

### **FOR U.K. ONLY**

This undertaking is in addition to a consumer's statutory rights and does not affect those rights in any way.

## FRANÇAIS

### **GARANTIE**

Pour des informations sur la garantie, contactez le distributeur local Marantz.

### **CONSERVER L'ATTESTATION D'ACHAT**

L'attestation d'achat est la preuve permanente d'un achat de valeur. La conserver en lieu sûr pour s'y reporter aux fins d'obtention d'une couverture d'assurance ou dans le cadre de correspondances avec Marantz.

### **IMPORTANT**

Pour l'obtention d'un service couvert par la garantie, il incombe au client d'établir la preuve de l'achat et d'en corroborer la date. Le reçu ou la facture constituant des preuves suffisantes.

## DEUTSCH

### **GARANTIE**

Bei Garantiefragen wenden Sie sich bitte an Ihren Marantz-Händler.

### **HEBEN SIE IHRE QUITTING GUT AUF**

Die Quittung dient Ihnen als bleibende Unterlage für Ihren wertvollen Einkauf. Das Aufbewahren der Quittung ist wichtig, da die darin enthaltenen Angaben für Versicherungszwecke oder bei Korrespondenz mit Marantz angeführt werden müssen.

### **WICHTIG!**

Bei Garantiefragen muß der Kunde eine Kaufunterlage mit Kaufdatum vorlegen. Ihre Quittung oder Rechnung ist als Unterlage ausreichend.

## NEDERLANDS

### **GARANTIE**

Voor inlichtingen omtrent garantie dient u zich tot uw plaatselijke Marantz dealer te wenden.

### **UW KWITANTIE, KASSABON E.D. BEWAREN**

Uw kwitantie, kassabon e.d. vormen uw bewijs van aankoop van een waardevol artikel en dienen op een veilige plaats bewaard te worden voor evt. verwijzing bijv. in verband met verzekering of bij correspondentie met Marantz.

### **BELANGRIJK**

Bij een evt. beroep op de garantie is het de verantwoordelijkheid van de consument een gedateerd bewijs van aankoop te tonen. Uw kassabon of factuur zijn voldoende bewijs.

## ESPAÑOL

### **GARANTIA**

Para obtener información acerca de la garantía póngase en contacto con su distribuidor Marantz.

### **GUARDE SU RECIBO DE COMPRA**

Su recibo de compra es su prueba permanente de haber adquirido un aparato de valor. Este recibo deberá guardarlo en un lugar seguro y utilizarlo como referencia cuando tenga que hacer uso del seguro o se ponga en contacto con Marantz.

### **IMPORTANTE**

Cuando solicite el servicio otorgado por la garantía el usuario tiene la responsabilidad de demostrar cuándo efectuó la compra. En este caso, su recibo de compra será la prueba apropiada.

## ITALIANO

### **GARANZIA**

L'apparecchio è coperto da una garanzia di buon funzionamento della durata di un anno, o del periodo previsto dalla legge, a partire dalla data di acquisto comprovata da un documento attestante il nominativo del Rivenditore e la data di vendita. La garanzia sarà prestata con la sostituzione o la riparazione gratuita delle parti difettose.

Non sono coperti da garanzia difetti derivanti da uso improprio, errata installazione, manutenzione effettuata da personale non autorizzato o, comunque, da circostanze che non possano riferirsi a difetti di funzionamento dell'apparecchio. Sono inoltre esclusi dalla garanzia gli interventi inerenti l'installazione e l'allacciamento agli impianti di alimentazione.

Gli apparecchi verranno riparati presso i nostri Centri di Assistenza Autorizzati. Le spese ed i rischi di trasporto sono a carico del cliente.

La casa costruttrice declina ogni responsabilità per danni diretti o indiretti provocati dalla inosservanza delle prescrizioni di installazione, uso e manutenzione dettagliate nel presente manuale o per guasti dovuti ad uso continuato a fini professionali.

## SVENSKA

### **GARANTI**

För information om garantin, kontakta Marantz lokalt agent.

### **SPAR KVITTOT**

Kvittot är ett inköpsbevis på en värdefull vara. Det skall förvaras säkert och hänvisas till vid försäkringsfall eller vid korrespondens med Marantz.

### **VIKTIGT**

Fö att garantin skall gälla är det kundens sak att framställa bevis och datum om köpet. Kvitto eller faktura är tillräckligt bevis för detta.

## РУССКИЙ

### **ГАРАНТИЯ**

Относительно информации о гарантии обращайтесь к Вашему местному дистрибьютору Marantz.

### **СОХРАНИТЕ ВАШУ КВИТАНЦИЮ О ПОКУПКЕ**

Ваша квитанция о покупке является документом, свидетельствующим о дорогостоящей покупке. Ее необходимо хранить в безопасном месте и в случае необходимости использовать в целях страхования или при обращении в компанию Marantz.

### **ВАЖНО**

При обращении за гарантийным обслуживанием обязанностью потребителя является подтверждение факта и даты покупки. Для такого доказательства достаточно предъявить квитанцию о покупке или счет.

### **ТОЛЬКО ДЛЯ СОЕДИНЕННОГО КОРОЛЕВСТВА**

Это используется в дополнение к законным правам потребителя и ни в коей мере не ущемляет эти права.

## CE MARKING



### English

The CD6003 is in conformity with the EMC directive and low-voltage directive.



### Français

Le CD6003 est conforme à la directive EMC et à la directive sur les basses tensions.



### Deutsch

Das Modell CD6003 entspricht den EMC-Richtlinien und den Richtlinien für Niederspannungsgeräte.



### Nederlands

De CD6003 voldoet aan de EMC eisen en de vereisten voor laag-voltage.



### Español

El CD6003 está de acuerdo con las normas EMC y las relacionadas con baja tensión.



### Italiano

Il CD6003 è conforme alle direttive CEE ed a quelle per i bassi voltaggi.



### Svenska

CD6003 är tillverkad i enlighet med EMC direktiven och direktiven för lågvoltsutrustning.

### English

#### WARNINGS

- Do not expose the equipment to rain, moisture, dripping or splashing.
- Do not remove the cover from the equipment.
- Do not insert anything into the equipment through the ventilation holes.
- Do not handle the mains cord with wet hands.
- Do not cover the ventilation with any items such as tablecloths, newspapers, curtains, etc.
- No naked flame sources, such as lighted candles, should be placed on the equipment.
- No objects filled with liquids, such as vases, shall be placed on the equipment.
- When the switch is in the OFF position, the equipment is not completely switched off from MAINS.
- The equipment shall be installed near the power supply so that the power supply is easily accessible.
- Do not expose the unit to excessive heat such as direct sunlight, fire or the like.

### Français

#### AVERTISSEMENTS

- Ne pas exposer l'appareil à la pluie, à l'humidité, à l'égouttement ou aux éclaboussures.
- Ne pas essayer de retirer le boîtier de l'appareil.
- Ne rien insérer dans l'appareil par les orifices de ventilation.
- Ne pas manipuler le cordon d'alimentation avec les mains mouillées.
- Ne pas recouvrir les ouïes de ventilation avec un objet quelconque comme une nappe, un journal, un rideau, etc.
- Ne placer aucune source de flamme nue, comme une bougie allumée, sur l'appareil.
- Aucun objet rempli de liquide, un vase par exemple, ne doit être placé sur l'appareil.
- Lorsque l'interrupteur est sur la position OFF, l'appareil n'est pas complètement déconnecté du SECTEUR (MAINS).
- L'appareil sera installé près de la source d'alimentation, de sorte que cette dernière soit facilement accessible.
- Ne pas exposer l'appareil à une chaleur excessive, comme celle des rayons directs du soleil, d'un feu, etc.

### Deutsch

#### WARNHINWEISE

- Das Gerät nicht Regen, Feuchtigkeit, Tropf- oder Spritzwasser aussetzen.
- Die Abdeckung nicht vom Gerät abnehmen.
- Keine Gegenstände durch die Belüftungsschlitze stecken.
- Das Netzkabel nicht mit feuchten oder nassen Händen anfassen.
- Decken Sie die Lüftungsöffnungen nicht mit einem Tischtuch, einer Zeitung, einem Vorhang usw. ab.
- Es dürfen keine Gegenstände mit offener Flamme, wie etwa brennende Kerzen, auf dem Gerät aufgestellt werden.
- Auf das Gerät dürfen keine mit Flüssigkeiten gefüllte Behälter, wie etwa eine Vase, gestellt werden.
- Wenn der Schalter ausgeschaltet ist (OFF-Position), ist das Gerät nicht vollständig vom Stromnetz (MAINS) abgetrennt.
- Das Gerät sollte in der Nähe einer Netzsteckdose aufgestellt werden, damit es leicht an das Stromnetz angeschlossen werden kann.
- Setzen Sie das Gerät keiner übermäßigen Wärme aus, z.B. durch Aufstellung in direkter Sonneneinstrahlung, in der Nähe eines offenen Feuers usw.

### Nederlands

#### WAARSCHUWINGEN

- Stel het apparaat niet bloot aan regen, vocht, druppels of spetters.
- Verwijder de afdekplaat van het apparaat niet.
- Duw niets door de ventilatieopeningen in het apparaat.
- Raak het netsnoer niet met natte handen aan.
- Bedek de ventilatieopeningen niet met enige voorwerpen, zoals tafelkleden, kranen, gordijnen, enz.
- Plaats geen brandende voorwerpen, zoals kaarsen, op het apparaat.
- Plaats geen voorwerpen met een vloeistof erin, zoals een bloemenvaas, op het apparaat.
- Als de schakelaar op OFF staat, is het apparaat niet volledig losgekoppeld van de netspanning (MAINS).
- De apparatuur wordt in de buurt van het stopcontact geïnstalleerd, zodat dit altijd gemakkelijk toegankelijk is.
- Stel het apparaat niet bloot aan grote warmte, zoals direct zonlicht, vuur en dergelijke.

### Español

#### ADVERTENCIAS

- No exponga el equipo a la lluvia, la humedad, goteos o salpicaduras.
- No extraiga la tapa del equipo.
- No introduzca nada en el interior del equipo a través de los orificios de ventilación.
- No maneje el cable de alimentación con las manos mojadas.
- No cubra la ventilación con objetos como manteles, periódicos, cortinas, etc.
- No deben colocarse sobre el equipo elementos con fuego, por ejemplo velas encendidas.
- No se deben colocar sobre el aparato recipientes que contengan líquidos, como por ejemplo jarrones.
- Cuando el interruptor está en la posición OFF, el equipo no está completamente desconectado de la alimentación MAINS.
- El equipo se instalará cerca de la fuente de alimentación de manera que resulte fácil acceder a ella.
- No exponga la unidad a un calor excesivo, como el derivado de la luz directa del sol, el fuego, o similar.

### Italiano

#### AVVERTENZE

- Non esporre l'apparecchio alla pioggia, all'umidità, al gocciolamento o agli spruzzi.
- Non rimuovere il coperchio dell'apparecchio.
- Non introdurre oggetti all'interno dell'apparecchio attraverso i fori di ventilazione.
- Non toccare il cavo di alimentazione con le mani bagnate.
- Non coprire le fessure di ventilazione con tovaglie, giornali, tende od oggetti analoghi.
- Non posare sull'apparecchio sorgenti di fiamme scoperte quali candele accese.
- Non mettere sull'apparecchiatura alcun contenitore di liquido, come ad esempio dei vasi.
- Quando l'interruttore è nella posizione OFF, l'apparecchiatura non è completamente scollegata da MAINS.
- L'apparecchio va installato in prossimità della fonte di alimentazione, in modo che quest'ultima sia facilmente accessibile.
- Non esporre l'unità ad eccessivo calore come la luce diretta del sole, il fuoco o simili.

## **Svenska**

### **VARNINGAR**

- Utsätt inte utrustningen för regn, fukt, droppande vatten eller vattenstänk.
- Ta inte bort utrustningens hölje.
- För inte in föremål i utrustningen genom ventilationshålen.
- Hantera inte nåttsladden med våta händer.
- Täck inte för ventilationsöppningarna med några föremål som till exempel bordsdukar, dagstidningar, gardiner e.d.
- Inga föremål med öppen låga, som till exempel tända stearinljus, bör placeras på utrustningen.
- Inga objekt som är fyllda med någon vätska, till exempel blomstervaser, bör placeras på apparaten.
- Även om strömbrytaren står i det avstängda läget OFF, så är utrustningen inte helt bortkopplad från det elektriska nätet (MAINS).
- Utrustningen ska vara installerad nära strömuttaget så att strömförsörjningen är lätt att tillgå.
- Utsätt inte enheten för kraftig värme, såsom direkt solljus, eld eller liknande.

## **Русский**

### **ПРЕДУПРЕЖДЕНИЯ**

- Не подвергайте это оборудование воздействию дождя, влаги, каплюющей жидкости или брызг.
- Не удаляйте крышку с оборудования.
- Не вставляйте посторонние предметы в оборудование через вентиляционные отверстия.
- Не прикасайтесь влажными руками к сетевому шнуру.
- Не закрывайте вентиляционные отверстия такими предметами, как скатерти, газеты, занавески и т.д.
- Не помещайте на оборудование источники открытого огня, например, горящие свечи.
- Не помещайте на оборудование никакие предметы, наполненные жидкостью, например, вазы.
- Когда переключатель находится в положении OFF, оборудование не полностью отключено от сети переменного тока.
- Оборудование должно быть установлено около источника питания, так чтобы источник питания был легкодоступен.
- Не подвергайте этот аппарат сильному нагреванию, например, из-за воздействия прямого солнечного света, пламени и т.п.

**CD-плеер**  
**Marantz CD6003**  
**(РУКОВОДСТВО ПО ЭКСПЛУАТАЦИИ)**



Вы приобрели устройство усилительное/преобразовательное производства компании "D&M Холдингс Инк", Япония ("D & M Holdings Inc.", Japan). Модель CD6003 является CD-плеер и предназначена для усиления аудиосигналов в домашних аудиосистемах. Это изделие широко известно в кругах истинных ценителей высококлассного звука. Качество и безопасность подтверждены множеством тестов, проведенных как зарубежными, так и российскими испытательными лабораториями.

Изготовитель в течение 3 лет (срок службы) после выпуска данного изделия обеспечивает наличие комплектующих в целях возможности проведения ремонта и технического обслуживания, по истечении которого эксплуатация и техническое обслуживание продолжается в соответствии с действующими нормативными документами. Изделие остается безопасным для жизни, здоровья человека и окружающей среды в течение всего срока эксплуатации. Гарантийный срок - 1 год.

**Информация о Российской сертификации**

<b>Но сертификата соответствия</b>	<b>Орган по сертификации</b>	<b>Нормативные документы</b>	<b>Наименование сертифицированной продукции</b>	<b>Срок действия сертификата</b>
РОСС JP.AЯ46.B78127	РОСТЕСТ-МОСКВА	ГОСТ Р МЭК 60065-2005 ГОСТ 22505-97 ГОСТ Р 51515-99 ГОСТ Р 51317.3.2.-2006 (Разд. 6, 7) ГОСТ Р 51317.3.3-99	Проигрыватели CD-дисков	До 11.06.2011

**Основные технические характеристики**

См. в конце инструкции

**ВНИМАНИЕ:** Если Вы приобрели аудиоаппаратуру надлежащего качества, то, по Российским законам, она не подлежит возврату или обмену на аналогичный товар других размера, формы и т.д.

D&M Холдингс Инк  
Здание D&M, 2-1 Ниссин-тё  
Кавасаки-ку, Кавасаки-си, Канагава  
2108569, Япония

D&M Holdings Inc.  
D&M Building, 2-1 Nisshin-Cho  
Kawasaki-Ku, Kawasaki-Shi, Kanagawa  
2108569, Japan

ENGLISH	<p><b>A NOTE ABOUT RECYCLING</b></p> <p>This product's packaging materials are recyclable and can be reused. This product and the accessories packed together are the applicable product to the WEEE directive except batteries. Please dispose of any materials in accordance with your local recycling regulations. When discarding the unit, comply with your local rules or regulations. Batteries should never be thrown away or incinerated but disposed of in accordance with your local regulations concerning chemical wastes.</p>
FRANÇAIS	<p><b>REMARQUE CONCERNANT LE RECYCLAGE</b></p> <p>Le matériel d'emballage de cet appareil est recyclable et peut être réutilisé. Cet appareil et les accessoires qui sont emballés avec celui-ci sont conformes, à l'exception des piles, à la directive DEEE (relative aux déchets d'équipements électriques et électroniques). Jetez ce matériel conformément aux réglementations de recyclage locales. Pour mettre l'appareil au rebut, respectez les règles ou réglementations locales. Les piles ne doivent jamais être jetées ou incinérées, mais être mises au rebut conformément aux réglementations locales concernant les déchets chimiques.</p>
DEUTSCH	<p><b>RECYCLING-HINWEIS</b></p> <p>Das Verpackungsmaterial dieses Produkts ist für Recycling geeignet und kann wiederverwendet werden. Dieses Produkt und das in seinem Verpackungskarton enthaltene Zubehör mit Ausnahme der Batterien entsprechen der WEEE-Direktive. Bitte beachten Sie bei der Entsorgung irgendwelcher Materialien die örtlichen Recycling-Bestimmungen. Bei der Entsorgung des Gerätes sind die einschlägigen Umweltschutzauflagen sorgfältig zu befolgen. Batterien dürfen nicht weggeworfen oder verbrannt werden, sondern müssen gemäß den örtlichen Vorschriften zur Entsorgung von chemischem Abfall entsorgt werden.</p>
NEDERLANDS	<p><b>RECYCLING VAN APPARATUUR EN VERPAKKINGSMATERIAAL</b></p> <p>De verpakking van dit product is geschikt voor recycling. Dit product en de accessoires, als geheel verpakt, zijn het relevante product volgens de WEEE-richtlijn, behalve de batterijen. Gooi materialen bij het afval volgens de gemeentelijke voorschriften voor recycling. Gooi dit apparaat bij het afval volgens de gemeentelijke wetten of voorschriften. Batterijen mogen nooit bij het normale afval en mogen nooit worden verbrand, maar moeten worden weggegooid volgens de gemeentelijke voorschriften voor chemisch afval.</p>
ESPAÑOL	<p><b>NOTA SOBRE EL RECICLADO</b></p> <p>Los materiales de embalaje de este producto son reciclables y pueden ser reutilizados. En este producto y sus accesorios incluidos es aplicable la directiva europea sobre residuos de aparatos eléctricos y electrónicos (RAEE), excepto en lo referente a las pilas. Se ruega eliminar cualquiera de esos materiales de acuerdo con las normas locales de reciclado. Cuando desheche esta unidad, cumpla con las normas o reglamentaciones locales. Las pilas no deben tirarse ni incinerarse, sino que deben eliminarse de acuerdo con las normas locales sobre residuos químicos.</p>
ITALIANO	<p><b>NOTA SUL RICICLAGGIO</b></p> <p>I materiali di imballaggio di questo prodotto sono riciclabili e possono essere riutilizzati. Questo prodotto e gli accessori in dotazione con esso, eccettuate le batterie, rappresentano il prodotto applicabile per la direttiva RAEE (rifiuti di apparecchiature elettriche ed elettroniche). Smaltirli seguendo le proprie normative locali sul riciclaggio. Quando si desidera eliminare l'apparecchio, attenersi alle indicazioni e alle normative locali. Non gettare via le batterie e non bruciarle, ma smaltirle in conformità alle normative locali relative ai rifiuti chimici.</p>
SVENSKA	<p><b>OM ÅTERVINNING</b></p> <p>Den här produktens förpackningsmaterial är återvinningsbart och kan återanvändas. Den här produkten och de med produkten levererade tillbehören, förutom batterierna, överensstämmer med WEEE-direktivet. Kassera allt material i enlighet med lokala miljöföreskrifter. När enheten ska kasseras ska du följa lokala miljöföreskrifter. Batterier får aldrig slängas i hushållsavfall eller brännas. Dom ska hanteras i enlighet med lokala miljöföreskrifter för kemiskt avfall.</p>



ENGLISH	<p><b>INFORMATION FOR USERS ON COLLECTION AND DISPOSAL OF OLD EQUIPMENT AND USED BATTERIES</b></p> <p>When discarding the unit, comply with local rules or regulations. Batteries should never be thrown away or incinerated but disposed of in accordance with the local regulations concerning battery disposal.</p>
FRANÇAIS	<p><b>INFORMATION CONCERNANT LA COLLECTE ET LE TRAITEMENT DES PILES USAGÉES ET DES DÉCHETS D'ÉQUIPEMENTS ÉLECTRIQUES ET ÉLECTRONIQUES</b></p> <p>Lorsque vous mettez cet appareil au rebut, respectez les lois ou réglementations en vigueur. Les piles ne doivent jamais être jetées ou incinérées, mais mises au rebut conformément aux lois en vigueur sur la mise au rebut des piles.</p>
DEUTSCH	<p><b>VERBRAUCHERINFORMATION ZUR SAMMLUNG UND ENTSORGUNG ALTER ELEKTROGERÄTE UND BENUTZTER BATTERIEN</b></p> <p>Beachten Sie bei der Entsorgung des Gerätes die örtlichen Vorschriften und Bestimmungen. Die Batterien dürfen nicht in den Hausmüll geworfen oder verbrannt werden; bitte entsorgen Sie die Batterien gemäß der örtlichen Vorschriften.</p>
NEDERLANDS	<p><b>INFORMATIE VOOR GEBRUIKERS VAN INZAMELING EN VERWIJDERING VAN OUDE APPARATEN EN GEBRUIKTE BATTERIJEN</b></p> <p>Volg voor het wegdoen van de speler de voorschriften voor de verwijdering van wit- en bruinoed op. Batterijen mogen nooit worden weggegooid of verbrand, maar moeten volgens de plaatselijke voorschriften betreffende chemisch afval worden verwijderd.</p>
ESPAÑOL	<p><b>INFORMACIÓN PARA USUARIOS SOBRE RECOLECCIÓN Y DISPOSICIÓN DE EQUIPAMIENTO VIEJO Y BATERÍAS USADAS</b></p> <p>Cuando se deshaga de la unidad, cumpla con las reglas o reglamentos locales. Las pilas nunca deberán tirarse ni incinerarse. Deberá disponer de ellas siguiendo los reglamentos de su localidad relacionados con los desperdicios químicos.</p>
ITALIANO	<p><b>INFORMAZIONI PER GLI UTENTI SULLA RACCOLTA E LO SMALTIMENTO DI VECCHIA ATTREZZATURA E BATTERIE USATE</b></p> <p>Per lo smaltimento dell'unità, osservare le normative o le leggi locali in vigore. Non gettare le batterie, né incenerirle, ma smaltirle conformemente alla normativa locale sui rifiuti chimici.</p>
SVENSKA	<p><b>ANVÄNDARINFORMATION, BETRÄFFANDE INSAMLING OCH DUMPNING AV GAMMAL UTRUSTNING OCH ANVÄNDA BATTERIER</b></p> <p>När du kasserar enheten ska du göra det i överensstämmelse med lokala regler och bestämmelser. Batterier får absolut inte kastas i soporna eller brännas. Kassera dem enligt lokala bestämmelser för kemiskt avfall.</p>



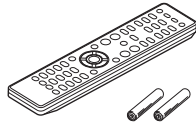
Pb

Thank you for choosing the Marantz product.  
Please read this User Guide thoroughly to ensure proper operation and installation before using this product.  
After reading this User Guide, be sure to keep this for your future reference.

**ACCESSORIES CHECK**

Before use, check the below accessories were included in the package.

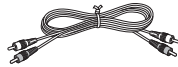
- Remote controller ..... 1



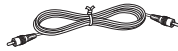
- AAA-size batteries..... 2

- AC power cord..... 1

- Audio connecting cable..... 1



- Remote control connecting cable..... 1



- User guide..... 1

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NAMES AND FUNCTIONS  
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## FEATURES

### USING MARANTZ ORIGINAL HDAM®SA2

The unit uses an HDAM®SA2, whose quality has been proved in Super Audio CD players and high-end amplifiers, as a high-speed buffer amplifier. You can enjoy the high-speed and high-quality sound like that produced by high-end equipment.

### INCORPORATES A CIRRUS LOGIC ADVANCED D/A CONVERTER, CS4398

A D/A converter is an essential element for the audio quality of a CD player. The CS4398 Cirrus Logic D/A Converter, which has a reputation for high precision and has been adopted for other Marantz Super Audio CD players, is adopted for this unit.

### AUDIO EX FUNCTION

Audio EX mode, which allows setting of pitch control, digital output, and display function to OFF, is provided in order for you to enjoy higher quality sound. (See page 13)

### HIGH GRADE HEADPHONE CIRCUIT

The high-grade headphone circuit incorporates a high-speed buffer amplifier to enable headphone listening of high quality sound reproduction, late at night or in other such situations.

### SUPPORTS MP3 AND WMA, AAC FILE PLAYBACK

MP3 and WMA, AAC files that have been recorded onto CD-R or CD-RW discs can be played back on this CD player. (See page 14)

### PLAYBACK OF USB AUDIO (MP3/WMA/AAC/WAV)/iPod

This unit can play back MP3, WMA, WAV, and AAC files by connecting an USB device or iPod to its USB connector.

### PITCH CONTROL FUNCTION (AUDIO CDs ONLY)

The "pitch control" function enables the play speed (pitch) to be varied over a  $\pm 12$  step. (See page 13)

### QUICK REPLAY FUNCTION (AUDIO CDs ONLY)

By a single-action operation, the "quick replay" function enables play to be moved back from the current play position for the time equivalent to the setting (setting range: 5 to 60 seconds) and play to be resumed.

This function makes it possible to return to a part of the track that was just played so it can be heard again. (See page 10)

### SUPPORTS CD-TEXT DISPLAY

CD-Text is an extension to the existing audio CD standard that enables text information, such as the name of the artist, album title and song titles to be stored on an audio CD.

CDs with the following logos support this function.



Text information is recorded on the parts that are not used in the conventional Audio CDs.

This CD player enables the text information stored on a CD-Text CD to be read (applies only to English alphanumeric text).

## BEFORE USING

### EQUIPMENT MAINS WORKING SETTING

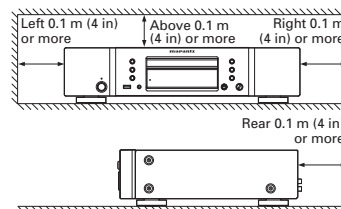
Your Marantz product complies with the household power and safety requirements in your area. This product can be powered by 230 V AC only.

### INAPPROPRIATE PLACES FOR INSTALLATION

To keep your unit in perfect working order for the longest possible time, avoid installing the unit in the following locations.

- Wherever it will be exposed to direct sunlight
- Wherever it will be close to a heater or other heat-radiating appliance
- Wherever the humidity is high or ventilation is poor
- Wherever it is very dusty
- Wherever it will be subject to vibration
- On top of a rickety stand or in an unstable location which is tilted at an angle
- Near windows where there is a chance of exposure to rain, etc.
- On top of an amplifier or other component which dissipates a great deal of heat

To ensure proper heat dissipation, install the unit while leaving clearances between the unit and wall or other components, as shown in the figure below.



### DO NOT PLACE OBJECTS ON TOP

Refrain from placing any objects on top of the unit.

## PRECAUTIONS

- In winter, droplets of water form on the insides of the windows of a heated room: this is called condensation. This unit uses an optical lens, so the condensation may form in the following cases.

- In a room immediately after the heating has been turned on
- In a room where the humidity level is high
- When the unit has been suddenly brought from a cold location into a warm room

Since, in cases like this, the track numbers may not be read and the unit is prevented from operating properly, wait about 30 minutes, and then operate the unit.

- If this unit is placed on an object that generates substantial heat, such as an amplifier, the laser inside this unit may be deteriorated.
- This unit may cause interference on a tuner or TV set. If this is the case, place it further away from the tuner or TV set.
- Compact discs have much less noise than analog records and hardly any noise is heard before play starts. Bear in mind, therefore, that if the volume control on the amplifier is set too high, you will risk damaging other audio components.
- This unit cannot play CD-ROMs used with personal computers, game CDs, video CDs, DVDs (video/audio) or DTS-CDs.
- We do not recommend the use of lens cleaners.
- If this unit is placed in a rack with glass doors, do not attempt to open the disc tray with the ▲ OPEN/CLOSE button on the remote controller with the glass doors shut. Impeded disc-tray movement may result in a failure.

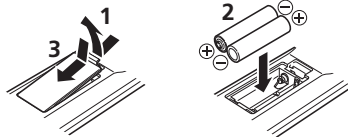


### USAGE OF REMOTE CONTROLLER

#### LOADING BATTERIES

Before using the remote controller for the first time, load the batteries in the remote controller. The batteries provided are used to verify the operations of the remote controller only.

1. Remove the battery cover.
2. Paying close attention to polarity indicators (+ plus and - minus), be sure to insert batteries correctly and as indicated.
3. Return the battery cover to its original position.



#### CAUTIONS ON HANDLING BATTERIES

Misusing batteries can lead to fire, injury or soiling of surrounding area as a result of leakage, rupture or corrosion.

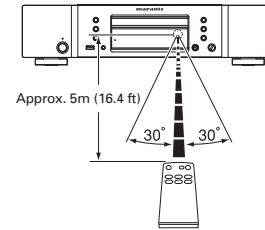
Carefully read the following precautions before using batteries.

- Insert the batteries while ensuring that their + and - poles are properly aligned with the corresponding markings on the remote controller.
- Batteries of the same size and shape may have different voltages. Do not use any battery except the type indicated. Do not use old and new batteries together, and do not use different types of batteries together.
- Do not recharge batteries.
- Keep batteries out of the reach of children. Seek medical attention if accidentally ingested.
- Do not carry or store batteries together with metal ball point pens, necklaces, coins, hair pins, etc.
- If you will not be using the remote controller for an extended time (1 month or more), remove the batteries to prevent leakage. If batteries leak, do not touch the fluid with bare hands. Wipe away any fluid in the case and put in new batteries. When doing so, handle with care, because fluid on skin or clothing presents a burn risk. If you accidentally get fluid on your skin, immediately wash with water and seek medical attention.
- Do not heat or take apart batteries or put them in flame or water.

- When disposing of used batteries, please comply with governmental regulations or environmental public instruction's rules that apply in your country or area.
- Do not expose the batteries to excessive heat such as direct sunlight, fire or the like.

#### OPERATIONAL RANGE

Operate the unit with the remote controller within the range of the illustration below.

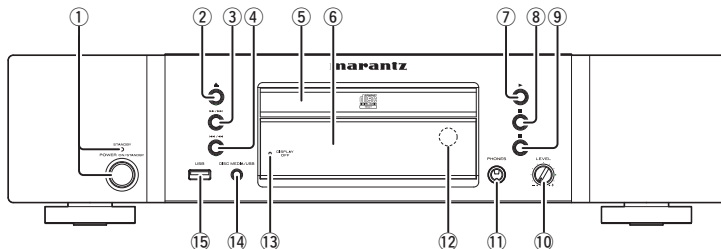


#### PRECAUTIONS

- Do not allow direct sunlight, an inverter fluorescent light or other strong source of light to shine onto the unit's infrared signal reception window (remote sensor). Otherwise, the operation of the remote controller may be disabled.
- Bear in mind that operating the remote controller may cause other devices operated by infrared rays to be operated by mistake.
- The remote controller cannot be operated if the space between the controller and the unit's remote sensor is obstructed.
- Do not place any objects on top of the remote controller. Doing so may cause one or more buttons to be held down which will cause the batteries to run down.

## NAMES AND FUNCTIONS

### FRONT PANEL



**1 POWER ON/STANDBY switch**  
**STANDBY indicator**

This is used to switch the unit's power ON and STANDBY. (See page 7)

**2 ▲ button**

See page 7.

**3 ►►/►► button**

See page 7.

**4 ◀◀/◀◀ button**

See page 7.

**5 Disc tray**

The disc to be played is placed on the tray (see page 7).

**6 Display**

**7 ► button**

See page 7.

**8 ■ button**

See page 7.

**9 II button**

See page 7.

**10 LEVEL control**

This is used to adjust the headphones volume level. The level increases when turned clockwise.

**11 PHONES jack**

The headphones are connected to this jack. Use headphones that come with a standard plug.

**12 Remote sensor**

This sensor senses the infrared control signals sent from the remote controller.

**13 DISPLAY OFF indicator**

See page 5.

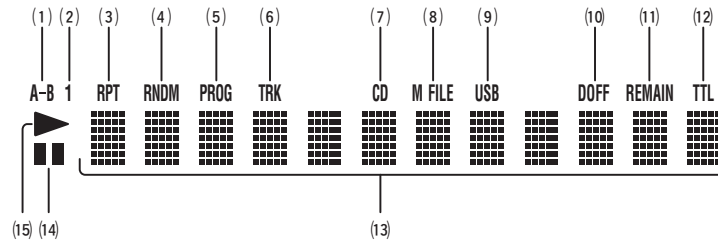
**14 DISC MEDIA / USB button**

See page 16.

**15 USB connector**

See page 8, 16.

### DISPLAY



**(1) A-B indicator**

This indicator lights up during A-B repeat play.

**(2) 1 indicator**

This indicator lights up during repeat play of one track.

**(3) RPT indicator**

This indicator lights up during repeat play.

**(4) RNDM indicator**

This indicator lights up during random play.

**(5) PROG indicator**

This indicator lights up during program play.

**(6) TRK indicator**

This indicator lights up above the display of the track number currently being played.

**(7) CD indicator**

This indicator indicates the type of disc on the disc tray (CD).

**(8) M FILE indicator**

This indicator indicates the type of disc on the disc tray (WMA/MP3/AAC).

**(9) USB indicator**

This indicator lights up during operation in the USB/iPod mode.

**(10) D OFF indicator**

This indicator lights up when the digital output setting of the audio CD signal is set to OFF (see page 13).

**(11) REMAIN indicator**

This indicator lights up above the remaining playback time of a track, when it is displayed.

**(12) TTL indicator**

This indicator lights up above the total remaining time or the total program time, when it is displayed.

**(13) Main display area**

This area displays the time display and text information of the disc to be played, as well as the setting menu items, etc.

**(14) II indicator**

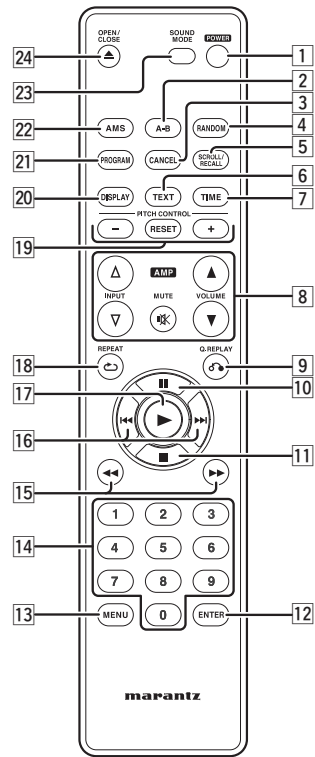
This indicator lights up when play is paused.

**(15) ► indicator**

This indicator lights up during disc play.

NAMES AND FUNCTIONS

REMOTE CONTROLLER



**1 POWER button**

This is used to switch the unit's power ON and STANDBY. (See page 7)

**2 A-B (A-B repeat) button**

This is used to set start point (A) and end point (B) when a particular section is to be played repeatedly. (See page 9, 15)

**3 CANCEL button**

This is used to cancel the programmed tracks. (See page 11, 12, 19)

**4 RANDOM button**

This is used to play the tracks in a random sequence. (See page 10)

**5 SCROLL/RECALL button**

This is used to scroll the text display when text is displayed. When it is pressed during program play, it is possible to check which tracks have been programmed. (See page 12)

**6 TEXT button**

This is used to switch the main display from the time display to the text display. (See page 12, 14)

**7 TIME button**

This switches the main display from the text display to the time display. It can also switch the time display during play. (See page 9)

**CD:**

It can display how much time has elapsed and how much play time remains for the current track as well as how much play time remains for the whole disc.

**MP3/WMA/AAC:**

The elapsed time and time remaining for the file can be displayed.

**8 ▲, ▼ (VOLUME) button  
△, ▽ (INPUT) button  
MUTE button**

These are used to operate the corresponding functions of a Marantz integrated amplifier. For each function, refer to User Guide supplied with the Integrated Amplifier.

**9 Q. REPLAY button**

Jump back a set time before the current playing position and resume play. (See page 10)

**10 II button**

See page 7.

**11 ■ button**

See page 7.

**12 ENTER button**

Saves the current settings.

**13 MENU button**

This button displays the various settings.

**14 Numeric buttons**

See page 7.

**15 ◀◀, ▶▶ buttons**

See page 7.

**16 |◀◀, ▶▶| buttons**

See page 7.

**17 ▶ button**

See page 7.

**18 REPEAT button**

This is used to play one track or all the tracks on the disc repeatedly. (See page 9, 15, 17)

**19 +, RESET, - buttons**

These are used to adjust the play speed (pitch) with a ±12 step. (Audio CD only) (See page 13)  
These buttons are also used to select MP3/WMA/AAC folders. (See page 14)  
These buttons are used for USB folder search and iPod album selection.

**20 DISPLAY button**

Press this button when switching the display ON and OFF.  
The display becomes dimmer each time the button is pressed. When the button is pressed for the third time, the display turns off and the DISPLAY OFF indicator lights up. The last setting is retained even if the power is turned off.

**21 PROGRAM button**

This is pressed to initiate program play. (See page 11)

**22 AMS button**

This is used to play the intros of all the tracks in sequence starting from the first track for the duration equivalent to the setting. (See page 10)

**23 SOUND MODE button**

This is used to switch Audio EX mode (See page 13), and to set use of pitch control (See page 13).

**24 ▲ button**

See page 7.

NAMES AND FUNCTIONS

BASIC CONNECTIONS

BASIC OPERATIONS

ADVANCED CONNECTIONS

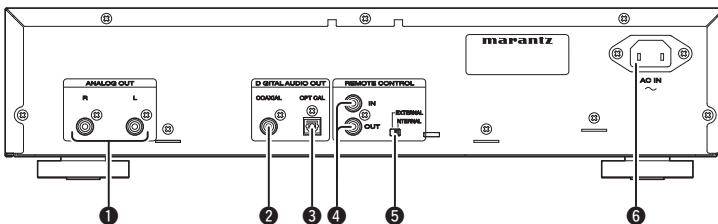
ADVANCED OPERATIONS

TROUBLESHOOTING

OTHERS

## NAMES AND FUNCTIONS

### REAR PANEL



#### 1 ANALOG OUT connectors

The music signals during play are output from these connectors.

#### 2 DIGITAL AUDIO OUT COAXIAL connector

The music signals during play are output digitally from this coaxial output connector.

##### Note

Digital signals are not output at some settings. For details, see "DIGITAL OUTPUT OFF" and "AUDIO EX SELECTION" (See page 13).

#### 3 DIGITAL AUDIO OUT OPTICAL connector

The music signals during play are output digitally from this optical output connector.

##### Note

Digital signals are not output at some settings. For details, see "DIGITAL OUTPUT OFF" and "AUDIO EX SELECTION" (See page 13).

#### 4 REMOTE CONTROL IN and OUT connectors

Using the supplied remote control connecting cable, these connectors enable this unit to be connected to a Marantz component equipped with remote control connectors. These connections make it possible to control an entire system that centers on the amplifier or other such component.

#### 5 EXTERNAL/INTERNAL switch

The switch is set to INTERNAL, when first purchased, enabling the unit's built-in signal reception window to be used.

Before using the supplied connecting cable to make the connection between the unit and the remote control connectors on a Marantz equipment, set the switch to EXTERNAL.

##### Note

Signals cannot be received from the remote controller if the switch is kept at EXTERNAL when the unit is to be used on its own.

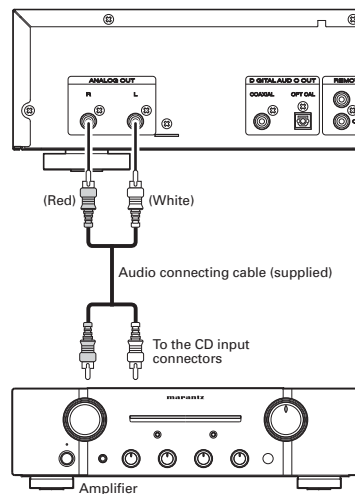
#### 6 Power cord connector socket

Use the supplied power cord to connect to a standard household power supply outlet.

Connect the unit so that the power cord can be removed easily as a precaution against possible accidents.

## BASIC CONNECTIONS

### CONNECTING TO AN AMPLIFIER

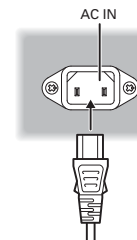


##### Notes

- Do not connect this unit and other components to mains power until all connections between components have been completed.
- Insert all plugs and connectors securely. Incomplete connections may make noise.
- Be sure to connect the left and right channels properly.
- Be sure to connect input and output properly.
- Refer to the instructions for each component that is connected to this unit.
- Do not bind audio/video connection cables with power cord and speaker cables this will result in generating a hum or other noise.
- Do not connect the unit to the PHONO input connectors on the amplifier.

### CONNECTING THE POWER SUPPLY

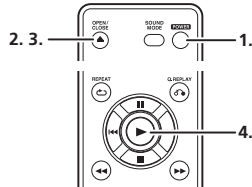
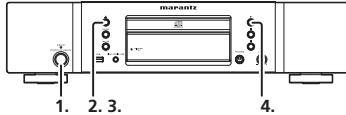
1. Plug the power cord into AC IN jack on the rear panel.



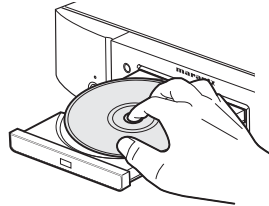
2. Plug the power cord into an AC outlet.
3. Turn on the power switch of the audio unit (amplifier, etc.) that is connected with this unit. Set the selector on the connected unit to this unit.

## BASIC OPERATIONS –AUDIO CD–

### PLAYING CDS



1. Press the **POWER** button on the unit or on the remote controller to turn on the power.
2. Press the **▲** button on the unit or on the remote controller. Place the CD to be played in the extended disc tray while ensuring that the label with the printed text is facing up.



In the case of a single (8 cm) CD, align it with the indentation in the center of the tray.

3. Press the **▲** button to retract the disc tray. Once the disc tray has been retracted, "**TOC Reading**" appears on the display, after which the total number of CD tracks and total playing time are displayed.

**Caution**  
Do not close the disc tray by pressing it in with your hand, as this will damage it.

4. Press the **▶** button on the unit or remote controller to start play. Adjust the volume level at the amplifier.

### PAUSING PLAY

During play, press the **⏸** button on the unit or remote controller to temporarily suspend play. To resume play from the place where it was temporarily suspended, press the **▶** button or **⏸** button on the unit or the **▶** button or **⏸** button on the remote controller.

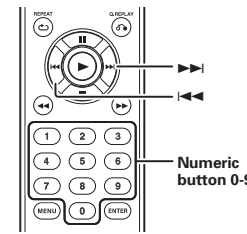
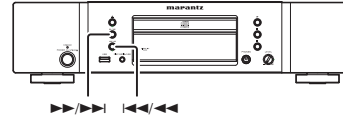
### STOPPING PLAY

Press the **■** button on the unit or remote controller during play.

### REMOVING THE CD

After play has finished, press the **▲** button on the unit or on the remote controller to extend the disc tray, and remove the CD. After the CD has been removed, press the **▲** button again to retract the disc tray. The disc tray should always be retracted when the unit is not in use.

### PLAYING A SPECIFIC TRACK



### SPECIFYING THE NUMBER OF A TRACK TO BE PLAYED (DIRECT SEARCH)

Select the number of the track to be played directly by pressing the numeric buttons (0 to 9) on the remote controller.

To select track number 10 or above, use the numeric buttons to select the higher digit first and then select the lower digit.

Once the number of the track is selected, play will start automatically.

#### (Example)

- Track 3:** Press the "3" numeric button.
- Track 12:** Press the "1" numeric button. Within 1.5 second, press the "2" numeric button.

### PLAYING A PREVIOUS OR SUBSEQUENT TRACK (TRACK SKIP)

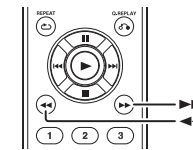
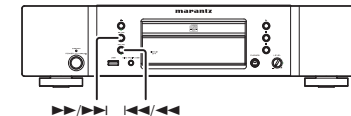
#### ADVANCING TO A SUBSEQUENT TRACK

Press the **▶/▶▶** button on the unit or **▶▶▶** button on the remote controller for the number of times equivalent to the number of tracks through which play is to be advanced.

### RETURNING TO THE START OF THE CURRENT TRACK OR A PREVIOUS TRACK

When the **⏮/⏪** button on the unit or **⏮** button on the remote controller is pressed, play returns to the start of the current track. Pressing the same button several times will locate the start of a track the equivalent number of track starts before the current play position.

### PLAYING A SPECIFIC PART OF A SPECIFIC TRACK



### SEARCHING A SPECIFIC PART OF A TRACK (SEARCH)

While listening to a track being played, it is possible to search for a specific part of that track by a forward or backward search.

#### FORWARD SEARCHING THROUGH THE CURRENT TRACK

The search (forward search) mode is established by holding down the **▶/▶▶** button on the unit or **▶▶▶** button on the remote controller. Holding down the button initiates a forward search.

#### BACKWARD SEARCHING THROUGH THE CURRENT TRACK

The search (backward search) mode is established by holding down the **⏮/⏪** button on the unit or **⏮** button on the remote controller. Holding down the button initiates a backward search.

NAMES AND FUNCTIONS

BASIC CONNECTIONS

BASIC OPERATIONS

ADVANCED CONNECTIONS

ADVANCED OPERATIONS

TROUBLESHOOTING

OTHERS

## ADVANCED CONNECTIONS

### CONNECTING TO A DIGITAL AUDIO COMPONENT

The unit has one digital optical output connector and one digital coaxial output connector.

You can enjoy digital recording when the unit is connected to a CD recorder or other digital recording component.

**Caution**

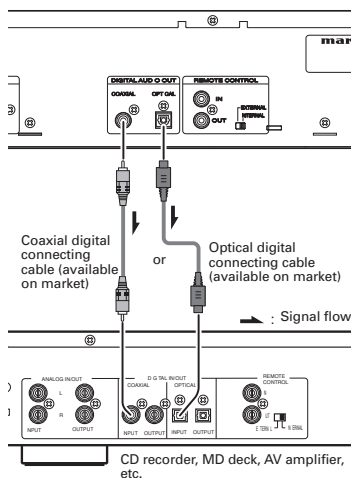
Signals are sent from the Digital Audio Output (Optical and Coaxial) terminals only when playing back audio CDs or CD layers of super audio CDs. There are no signals when other media are being played back.

### CONNECTING THE OPTICAL/COAXIAL OUTPUT CONNECTORS

Use an optical/coaxial digital connecting cable available on the market.

Insert the plug of the optical digital connecting cable firmly in until it clicks into place.

Do not bend or bundle the optical digital connecting cable.

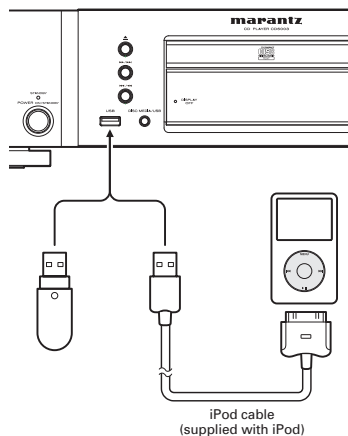


### USB MEDIA/iPod CONNECTION

Connect the unit to USB media/iPod.

**Caution**

- Connect the USB media/iPod while in power off or when the input source is something other than USB. Connecting/disconnecting USB memory when the input source is USB and the power is on may damage the USB memory.
- When using an USB device, do not use an USB extension cable.

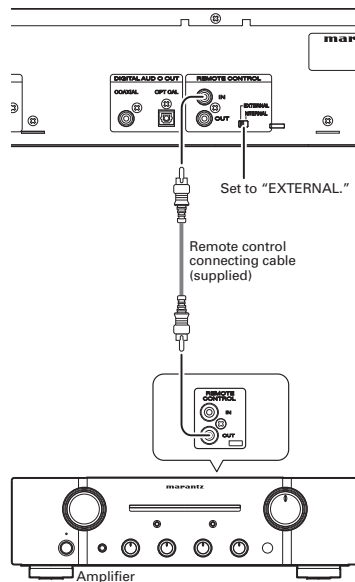


### REMOTE CONTROL CONNECTION

Connecting this unit to additional Marantz audio equipment using the supplied remote control connecting cable enables remote control of the connected equipment as a single audio system.

- When connecting equipment incorporating a remote sensor, connect the "remote control out" connector of the equipment to the "remote control in" jack of the unit.

When doing this, set this unit's switch to "EXTERNAL." This will stop its remote control IR receiver from operating and the unit can now be controlled via the remote control IR receiver of the attached equipment.

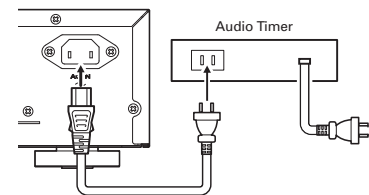


### TIMER PLAY

This unit can perform timer play by cooperating with your audio timer.

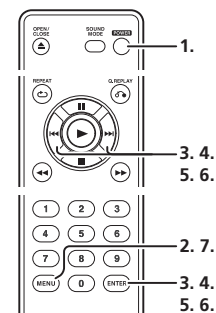
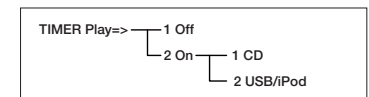
Connect this unit's power cord to the audio timer's power socket and the timer's power cord to power outlet.

- For connection to audio timer and its operation, please refer to the instruction manual of your audio timer.



### TIMER PLAY SETTING

Time Play is set in the following hierarchical logic.



ADVANCED CONNECTIONS

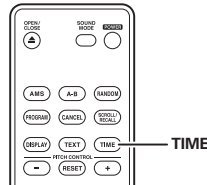
1. Press the **POWER** switch to turn the unit on.
2. During stop, press the **MENU** button on the remote controller.
3. Use the **◀◀** or **▶▶** button to display "TIMER Play=>" on the display, then press the **ENTER** button on the remote controller.
4. Use the **◀◀** or **▶▶** button to display "2 On" on the display, then press the **ENTER** button on the remote controller.
5. To play disc media by timer, display "1 CD", using the **◀◀** or **▶▶** button, then press the **ENTER** button on the remote controller.
6. To play USB media by timer, display "2 USB/iPod", using the **◀◀** or **▶▶** button, then press the **ENTER** button on the remote controller. If USB media is selected, the track to be played during timer play can be selected. For the selection method, refer to USB media selection method (see page 16).
7. Press the **MENU** button on the remote controller to complete the setting.
8. If disc media is selected, insert the disc to be played.
9. Set the audio timer.

Note

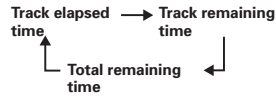
If selecting USB with timer play, please connect USB media to the unit beforehand.

ADVANCED OPERATIONS –AUDIO CD–

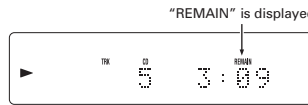
TO CHANGE TIME DISPLAY



Press the **TIME** button on the remote controller. Each time **TIME** button is pressed, display will change in the following order.



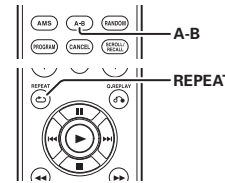
- **Track remaining time**  
(The remaining playing time from the playing point to the end of the current track)



- **Total remaining time**  
(The remaining playing time from the playing point to the end of the last track)



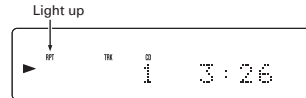
REPEAT PLAY (PLAYING THE SAME TRACKS REPEATEDLY)



PLAYING ALL TRACKS REPEATEDLY (ALL-TRACK REPEAT)

This function repeatedly plays all the tracks. Repeat play is possible even during random play or program play.

Press the **REPEAT** button on the remote controller. The "RPT" indicator on the display lights, and the repeat play of all the tracks starts.

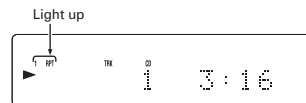


To stop all track repeat play and resume normal play, press the **REPEAT** button on the remote controller to turn off the "RPT" indicator on the display.

PLAYING ONE TRACK REPEATEDLY (1-TRACK REPEAT)

This function repeatedly plays one track only. Even during random play or program play, it repeats the track being played.

Press the **REPEAT** button on the remote controller twice while the track to be repeated is playing. The "RPT" and "1" indicators light, and track now playing is repeated.

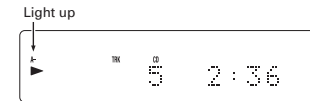


To stop 1-track repeat play and resume normal play, press the **REPEAT** button on the remote controller to turn off the "RPT" indicator on the display.

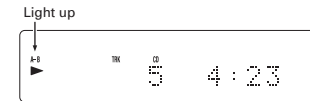
PLAYING A SPECIFIC PART REPEATEDLY (A-B REPEAT)

This function repeatedly plays a specific part of a track that you want to hear.

1. During play, press the **A-B** button on the remote controller at the start point of the part to be repeated. The "A-" indicator on the display now lights.



2. Press the **A-B** button on the remote controller at the end point of the part to be repeated. The "A-B" indicator on the display now lights, and the designated part (from point A to point B) is played repeatedly.



To stop A-B repeat play and resume normal play, press the **A-B** button on the remote controller to turn off the "A-B" indicator on the display.

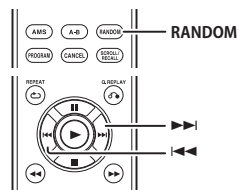
Note

The A B repeat play function cannot be used during random play.

**ADVANCED OPERATIONS –AUDIO CD–**

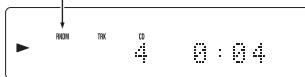
**RANDOM PLAY (PLAYING TRACKS IN A RANDOM SEQUENCE)**

This function rearranges the tracks into a random sequence and it then plays all the tracks in this random sequence. If it is used together with repeat play, the same tracks can be repeatedly played but in a different sequence every time.



During play or stop, press the **RANDOM** button on the remote controller. The "RNDM" indicator on the display lights, and random play starts.

Light up



To stop random play and resume normal play, press the **RANDOM** button on the remote controller. The "RNDM" indicator on the display goes off.

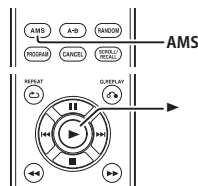
**SKIPPING TRACKS DURING RANDOM PLAY TO SEARCH OTHER TRACKS**

When the **SKIP** button on the unit or **SKIP** button on the remote controller is pressed during random play, the next track is selected at random and played.

Conversely, when the **REPEAT** button on the unit or **REPEAT** button on the remote controller is pressed during random play, play returns to the start of the track now playing.

**AMS PLAY (SEARCHING FOR A SPECIFIC TRACK)**

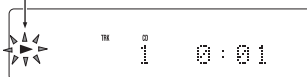
This feature is convenient for searching where your favorite track is.



If the **AMS** button is pressed while a track is stopped, the PLAY indicator "▶" flashes, and the first ten seconds of each track on the disc will be played starting from the first track.

Also, if the **AMS** button is pressed during playback, the PLAY indicator "▶" flashes, and the program jumps to the next track after approximately 10 seconds elapses on the display time.

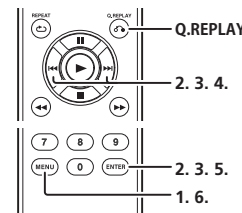
Flashes



Once you find a song that you want to listen to, press the **AMS** button again or press the **▶** button. The PLAY indicator "▶" lights up and normal playback resumes from the current track.

**WHILE PLAYING, REPLAY A SMALL TRACK PORTION AND LISTEN AGAIN (QUICK REPLAY)**

If the **Q.REPLAY** button is pressed during playback, the play position will jump back by the length of time set in MENU, and then resume.



**Note**

Jump back cannot go beyond the beginning of the current track. When the **Q.REPLAY** button is pressed, if the total length of the track being played is shorter than the time set for quick replay, or if the track elapsed playing time is shorter than the time set for quick replay, the play position will return to the beginning of the track and resume playing.

**HOW TO SET THE QUICK REPLAY TIME**

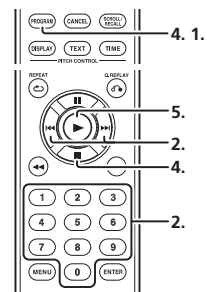
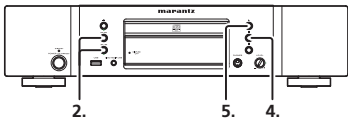
1. During stop, press the **MENU** button on the remote controller.
2. Use the **SKIP** or **SKIP** button to display "CD Setup =>" on the display, then press the **ENTER** button on the remote controller.
3. Use the **SKIP** or **SKIP** button to display "Q.Replay =>" on the display, then press the **ENTER** button on the remote controller. The set time will be displayed on the display. (At the time of purchase, this is set to 10 seconds.)
4. Set the desired time with the **SKIP** or **SKIP** buttons (5 - 60 s).
5. After setting the time, press the **ENTER** button.

6. Press the **MENU** button on the remote controller to complete the setting.

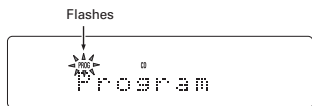


### PROGRAM PLAY (PLAYING TRACKS IN THE PREFERRED SEQUENCE)

The order in which the CD tracks are played can be rearranged into the sequence desired. Up to 30 tracks can be programmed.



1. During stop, press the **PROGRAM** button on the remote controller. "Program" appears for an instant on the main display.

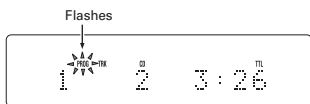


The **PROG** indicator flashes, and the program mode is established.



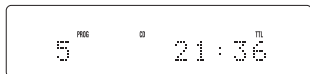
2. Press the numeric buttons on the remote controller the tracks can also be selected using the **◀◀** and **▶▶** buttons on the remote controller or **◀◀◀◀** and **▶▶▶▶** buttons on the unit. To select track number 10 or above, use the numeric buttons to select the higher digit first and then select the lower digit.

#### DISPLAY EXAMPLE: WHEN TRACK 2 HAS BEEN SELECTED



3. Repeat step 2. to program the desired tracks in sequence. At each step of the programming, the number of tracks programmed and their total time appear on the main display. Up to 30 tracks can be programmed.

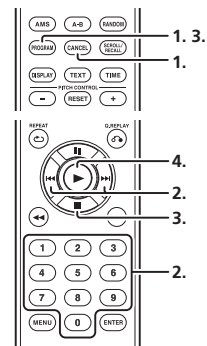
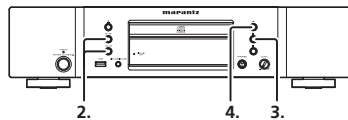
4. Once all the tracks have been programmed, press the **■** button on the unit or remote controller or press the **PROGRAM** button on the remote controller. The **PROG** indicator stops flashing and lights up instead, and the program is entered.



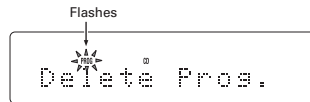
5. Press the **▶** button on the unit or remote controller. Play now starts in the programmed sequence. Program play will start even when step 4. is omitted.

### DELETE PROGRAM PLAY (PLAY WITH UNDESIED TRACKS SKIPPED)

This function makes it possible to skip those tracks that you do not want to hear during CD play. Up to 30 tracks can be deleted from the program.



1. During stop, press the **PROGRAM** button on the remote controller, and then press the **CANCEL** button. "Delete Prog." appears for an instant on the main display.



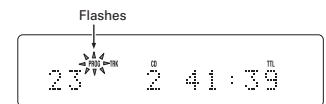
### ADVANCED OPERATIONS –AUDIO CD–

The total number of CD tracks and the total play time appear on the main display, the **PROG** indicator flashes, and the delete program mode is established.

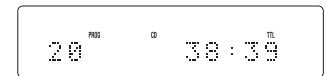


2. Press the numeric buttons on the remote controller that you do not want to hear (the track can also be selected using the **◀◀** and **▶▶** buttons on the remote controller or **◀◀◀◀** and **▶▶▶▶** buttons on the unit).

#### DISPLAY EXAMPLE: WHEN TRACK 2 HAS BEEN SELECTED



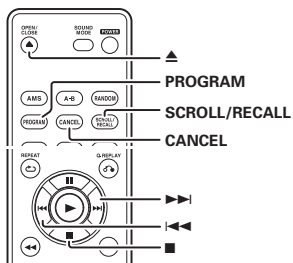
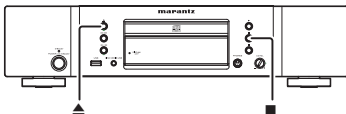
3. Repeat step 2., and upon completion of the programming, press the **■** button on the unit or remote controller or press the **PROGRAM** button on the remote controller. The **PROG** indicator in the display stops flashing and lights up instead, and the delete program is entered. Up to 30 tracks can be deleted from the program.



4. Press the **▶** button on the unit or remote controller. The CD is now played but with the deleted tracks skipped.

NAMES AND FUNCTIONS  
 BASIC CONNECTIONS  
 BASIC OPERATIONS  
 ADVANCED CONNECTIONS  
 ADVANCED OPERATIONS  
 TROUBLESHOOTING  
 OTHERS

**ADVANCED OPERATIONS –AUDIO CD–**



**CHECKING THE PROGRAM OR DELETE PROGRAM CONTENTS**

During programming operation or program play, press the **SCROLL/RECALL** button on the remote controller.

With program play, each time the **SCROLL/RECALL** button is pressed, the programmed tracks are displayed one after another in sequence on the main display.

With delete program play, the deleted tracks are displayed one after another in sequence on the main display.

**CHANGING THE PROGRAM OR DELETE PROGRAM CONTENTS**

**DELETING TRACKS WHICH WERE PROGRAMMED FOR PROGRAM PLAY**

When the **SCROLL/RECALL** button on the remote controller is pressed during programming, the programmed tracks are displayed one after the other in sequence.

As soon as the track to be deleted from the program has appeared, press the **CANCEL** button on the remote controller immediately.

**CANCELING THE DELETION OF TRACKS WHICH WERE DELETED FOR DELETE PROGRAM PLAY**

When the **SCROLL/RECALL** button on the remote controller is pressed during delete programming, the deleted tracks are displayed one after the other in sequence.

As soon as the track whose deletion is to be canceled has appeared, press the **CANCEL** button on the remote controller immediately.

**ADDING TRACKS TO THE PROGRAM**

Press the **PROGRAM** button on the remote controller during stop. The status of the **PROG** indicator in the display changes from lighted to flashing, and more tracks can be added to the program.

**RETURNING PROGRAM PLAY TO NORMAL PLAY (CANCELING THE ENTIRE PROGRAM)**

Press the **■** button on the unit or remote controller twice during program play or once during stop. The **PROG** indicator on the display goes off, and the entire program is canceled.

Alternatively, a program can be canceled when the disc tray is opened by pressing the **▲** button on the unit or on the remote controller.

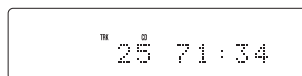
**PRECAUTIONS FOR PROGRAM AND DELETE PROGRAM PLAY**

- When using the numeric buttons to select tracks 1 to 9 on a CD with 10 or more tracks in total, allow 1.5 seconds or so to elapse after the button corresponding to the number of the previous track was pressed before pressing the button corresponding to the number of the next track.
- When using the numeric buttons to select track 10 or up on a CD with 10 or more tracks in total, press the button corresponding to lower digit within 1.5 seconds or so after the button corresponding to the higher digit was pressed.
- When using the **◀◀** and **▶▶** buttons for programming, keep pressing one of these buttons with less than 1.5 seconds or so in between until the number of the desired track is displayed.
- If the total time for a program exceeds 99 minutes 59 seconds, the time display will appear as "--".

**CD-TEXT**

The text information recorded on a CD-TEXT disc can be viewed on this unit. A maximum of 32 characters can be displayed.

**DISPLAY OF PLAYER**

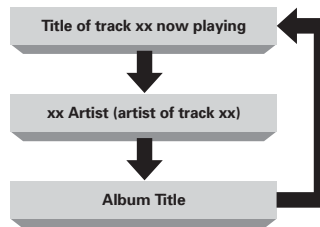


When the **TEXT** button on the remote controller is pressed, the CD-TEXT information will be displayed as outlined in the diagram on the right.

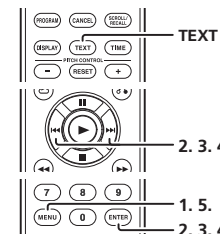
However, the recorded information differs from one disc to another so that not all the information given below will necessarily be displayed.

**DURING PLAY**

Each time the **TEXT** button on the remote controller is pressed, the information items are displayed in the following sequence. During play, the information of track now playing is mainly displayed.



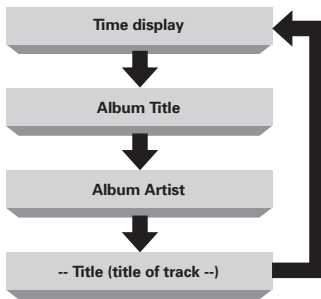
**CHANGING THE INFORMATION ITEM THAT IS DISPLAYED FIRST**



1. During stop, press the **MENU** button on the remote controller.
2. Use the **◀◀** or **▶▶** button to display "CD Setup =>" on the display, then press the **ENTER** button on the remote controller.
3. Use the **◀◀** or **▶▶** button to display "File Info =>" on the display, then press the **ENTER** button on the remote controller.
4. To display the track titles first, display "2 Title", using the **◀◀** or **▶▶** button, then press the **ENTER** button on the remote controller.  
To display the artist names first, display "3 Artist", using the **◀◀** or **▶▶** button, then press the **ENTER** button on the remote controller.  
To display the album titles first, display "4 Album", using the **◀◀** or **▶▶** button, then press the **ENTER** button on the remote controller.  
To always display time information without displaying text information, display "5 Time", using the **◀◀** or **▶▶** button, then press the **ENTER** button on the remote controller.
5. Press the **MENU** button on the remote controller to complete the setting.

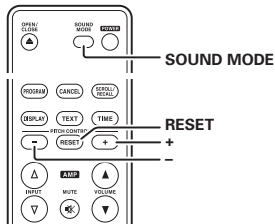
**IN THE STOP MODE**

Each time the **TEXT** button on the remote controller is pressed, the information items are displayed in the following sequence. When the **▶** button is pressed while "-- Title" is displayed, the track concerned starts playing.



**PITCH CONTROL (CHANGING THE PLAY SPEED)**

During stop, press the **SOUND MODE** button on the remote controller several times until "**Audio EX OFF**" appears on the display.



The play speed (pitch) can be changed across a ±12 step.

**Note**

Digital signals are not output during pitch control. (Signals are output when the pitch control is set to 0).

**INCREASING THE PLAY SPEED**

Press the **PITCH+** button on the remote controller. Each time the **+** button is pressed, the playback speed will increase (max. +12).



**REDUCING THE PLAY SPEED**

Press the **PITCH-** button on the remote controller. Each time the **-** button is pressed, the playback speed will decrease (min. -12).

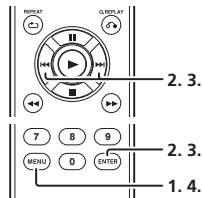
**RETURNING PLAY TO THE NORMAL SPEED**

Press the **RESET** button on the remote controller. "**Pitch: 0**" appears on the main display. If the **RESET** button on the remote controller is pressed again, play returns to the previous speed setting.

**DIGITAL OUTPUT OFF**

If digital output is not to be used, turn digital output OFF, and you can enjoy higher-quality sound.

**SETTING DIGITAL OUTPUT ON OR OFF**



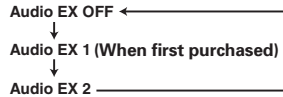
1. During stop, press the **MENU** button on the remote controller.
2. Use the **◀▶** or **▶▶** button to display "**DigitalOut=>**" on the display, then press the **ENTER** button on the remote controller.
3. To turn on the digital audio output, display "**1 On**", using the **◀▶** or **▶▶** button, then press the **ENTER** button on the remote controller. To turn off the digital audio output, display "**2 Off**", using the **◀▶** or **▶▶** button, then press the **ENTER** button on the remote controller. "**D OFF**" will be lit on the display when the digital output is set to OFF. (At the time of purchase, this is set to "**1 On**".)
4. Press the **MENU** button on the remote controller to complete the setting.

**ADVANCED OPERATIONS –AUDIO CD–**

**AUDIO EX SELECTION**

For higher-quality sound, select the Audio EX setting, referring the table below.

Audio EX changes as shown below each time the **SOUND MODE** button on the remote controller is pressed during stop.



**AUDIO EX OFF**

- **Pitch control**  
Usable
- **Digital output**  
Yes (\*1) (when the pitch control setting is 0)
- **Display**  
Yes

**AUDIO EX 1**

When first purchased. Audio EX 1 offers better sound.

- **Pitch control**  
Not usable
- **Digital output**  
Yes (\*1)
- **Display**  
Yes

**AUDIO EX 2**

Audio EX 2 offers best sound from analog outputs.

- **Pitch control**  
Not usable
- **Digital output**  
No
- **Display**  
No (during play) (\*2)

(\*1) Setting of Digital Out on the MENU (see page 13) takes priority.

(\*2) Pressing the **DISPLAY** button on the remote controller shows the display for three seconds.

NAMES AND FUNCTIONS

BASIC CONNECTIONS

BASIC OPERATIONS

ADVANCED CONNECTIONS

ADVANCED OPERATIONS

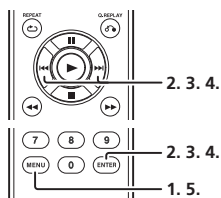
TROUBLESHOOTING

OTHERS

## ADVANCED OPERATIONS –MP3, WMA, AND AAC FILES RECORDED ON A DISC–

### SELECTING A RANGE OF FILES TO BE PLAYED

You can select whether all files on a disc or the files in a specific folder are to be played.

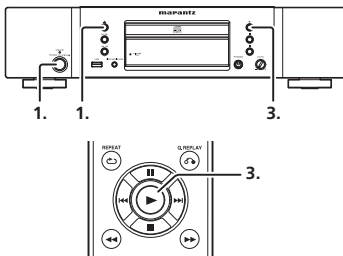


1. During stop, press the **MENU** button on the remote controller.
2. Use the **◀◀** or **▶▶** button to display “**CD Setup =>**” on the display, then press the **ENTER** button on the remote controller.
3. Use the **◀◀** or **▶▶** button to display “**Range Spec=>**” on the display, then press the **ENTER** button on the remote controller.
4. To play all files on the disc, display “**1 All**”, using the **◀◀** or **▶▶** button, then press the **ENTER** button on the remote controller. To play the files in a specific folder, display “**2 Folder**”, using the **◀◀** or **▶▶** button, then press the **ENTER** button on the remote controller. (At the time of purchase, this is set to “**1 All**”.)
5. Press the **MENU** button on the remote controller to complete the setting.

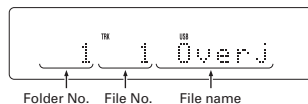
**Note**

In normal/random playback or AMS play, files of the selected range will be played.

### PLAYING



1. Press the **POWER** button on the unit to turn on the power. Place the disc to be played in the extended disc tray.
2. On closing the disc tray, after “**TOC Reading**” has displayed, the title of file that be played will be displayed.
3. Press the **▶** button on the unit or remote controller to start play. Adjust the volume level at the amplifier. Pausing or stopping playback or CD removal are carried out in the same way as with an Audio CD. (See page 7)



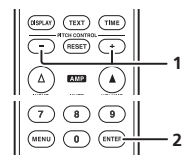
**Note**

There are certain playback functions, such as program playback and pitch control, which cannot be used when MP3, WMA or AAC files are being played back.

**Tip**

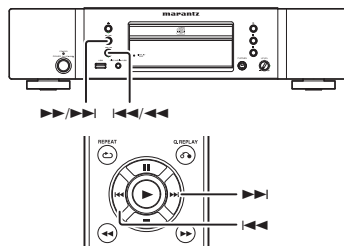
A maximum of 511 files, organized within up to 255 folders, can be played back per disc. (The maximum number of folders plus files is 512.)

### SELECTING THE FOLDER TO LISTEN TO



1. While not playing, select the folder using the **+** or **-** buttons on the remote controller. The folder name will be displayed.
2. Press the **ENTER** button on the remote controller. The first file name in the folder will be displayed.

### PLAYING A SPECIFIC FILE



### ADVANCING TO A SUBSEQUENT FILE

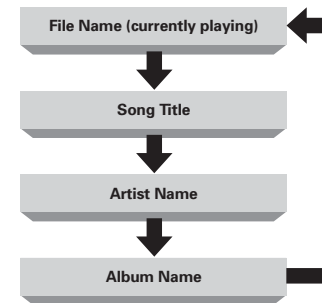
Press the **▶▶/▶▶** button on the unit or **▶▶** button on the remote controller for the number of times equivalent to the number of files through which play is to be advanced.

### RETURNING TO THE START OF THE FILE NOW PLAYING OR A PREVIOUS FILE

When the **◀◀/◀◀** button on the unit or **◀◀** button on the remote controller is pressed, play returns to the start of the current file. Pressing the same button several times will locate the start of a file the equivalent number of file starts before the current play position.

### DISPLAYING TEXT INFORMATION

Each time the **TEXT** button on the remote controller is pressed, the display will change in the order shown below. During playback, mainly information about the file currently playing will be displayed.

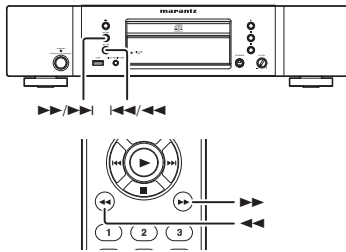


- Depending on the type of file being played, information may not be displayed.
- Only alphanumeric characters can be displayed.

ADVANCED OPERATIONS –MP3, WMA, AND AAC FILES RECORDED ON A DISC–

**PLAYING A SPECIFIC PART OF A SPECIFIC FILE**

While listening to a file being played, it is possible to search a specific part of that file by a forward or backward search.



**FORWARD SEARCHING THROUGH THE FILE NOW PLAYING**

The search (forward search) mode is established by holding down the >>>/>>> button on the unit or >>> button on the remote controller. Holding down the button initiates a forward search.

**BACKWARD SEARCHING THROUGH THE FILE NOW PLAYING**

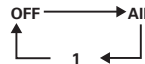
The search (backward search) mode is established by holding down the <<</<<< button on the unit or <<< button on the remote controller. Holding down the button initiates a backward search.

**REPEAT PLAY (PLAYING THE SAME TRACKS REPEATEDLY)**

**PLAYING REPEATEDLY**



All files or one file can be played repeatedly. The all-file repeat function plays back all files on a disc or in a folder, as previously set (see page 14). Each time the REPEAT button on the remote controller is pressed, the repeat function mode changes, as shown below:



Press the > button to start the selected repeat play. (See page 9.)

**PLAYING A SPECIFIC PART REPEATEDLY (A-B REPEAT)**

This function repeatedly plays a specific part of a file that you want to hear. (See page 9)

**Note**

- The A B repeat play function cannot be used during random play.
- There are cases in which difficulties will be experienced, when setting the B point, if the file's bit rate is low.

**RANDOM PLAY (PLAYING FILES IN A RANDOM SEQUENCE)**

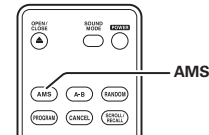
This function rearranges the files into a random sequence and it then plays all the files in this random sequence. If it is used together with repeat play, the same files can be repeatedly played but in a different sequence every time.

During play or stop, press the RANDOM button on the remote controller. (See page 10)

**Note**

This function plays back all the files on a disc or in a folder, as previously set (see page 14).

**AMS PLAY (SEARCHING FOR A SPECIFIC FILE)**



You can play the first 10 seconds of each file starting from the first file.

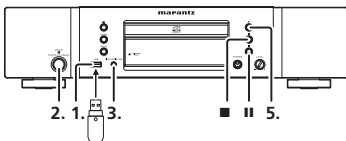
Press the AMS button on the remote controller to automatically begin AMS play (see page 10).

**Note**

This function plays back all the files on a disc or in a folder, as previously set (see page 14).

## ADVANCED OPERATIONS (USB/iPod OPERATION)

### NORMAL PLAYBACK

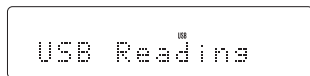


1. Connect the USB medium to the USB port on the front panel.
2. Press the POWER switch to turn the unit on.

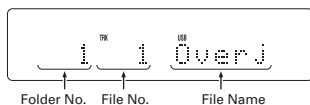


The display cycles from "Power On" → "TOC Reading" → "No Disc" (when no disc is loaded).

3. Press the DISC MEDIA/USB button on the front panel.
4. While the unit searches for USB media, the display will read as follows.

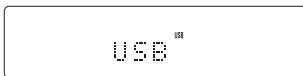


When the unit finishes getting the USB medium file information, the display changes to the following.

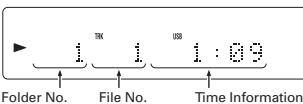


#### Note

When no USB medium is connected, the display cycles from "USB Reading" → "USB".



5. Press the ► button. Selected file information within the menu and time information are displayed.



If the number of files exceeds 1,000, the display will change, as shown below:



#### TO STOP PLAYBACK

Press the ■ button.

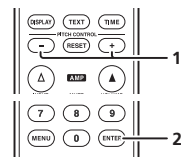
#### TO PAUSE PLAYBACK

Press the || button. Pause indicator "||" will light and playback is paused at the point that the button is pressed. To resume playback, press the || button again or press the ► button.

#### Tip

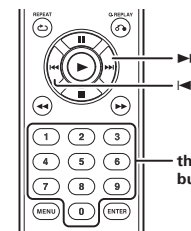
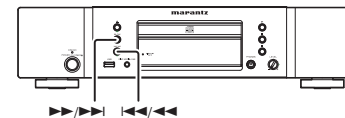
- When playing USB media files, the unit can play up to 65,535 files, 700 folders, and a maximum of 8 levels.
- The iPod's equalizer cannot be operated from the Marantz player. We recommend that you turn "off" the iPod's equalizer before connecting the iPod to the main unit.
- When connecting an iPod touch, make sure to unlock the iPod touch.
- Random Play cannot be done for Podcasts.
- Do not use iTunes' individual track options (equalizer presets, etc.) as the settings may not be reflected or malfunction may result.
- If, after connecting the iPod, it performs differently than it has in the past, please reset the iPod and try using it again.
- Some operations may differ depending on the iPod model.

### CHOOSING FILES FROM A DIFFERENT FOLDER



1. While not playing, select the folder using the + or - buttons on the remote controller.
2. Press the ENTER button on the remote controller. The first file name in the folder will be displayed.

### PLAYING A SPECIFIC FILE



### SPECIFYING A FILE NUMBER TO PLAY (DIRECT SEARCH)

Specify a file number with numerical buttons (0-9) on the remote controller.

(Example)

3rd file: Press "3".

12th file: Press "1" and then press "2" (within approximately 1.5 seconds).

#### IF A WRONG NUMBER IS PRESSED

If a file number that is not in the folder is specified, the display will return to its previous state. Press the correct number.

ADVANCED OPERATIONS (USB/iPod OPERATION)

**SKIPPING TO THE PREVIOUS OR NEXT FILE (TRACK SKIP)**

**ADVANCING TO A SUBSEQUENT FILE**

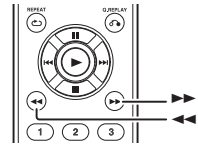
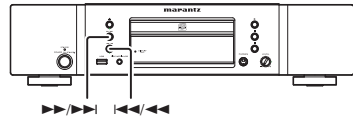
Press the **▶▶/▶▶▶▶** button on the unit or **▶▶▶▶** button on the remote controller a number of times equivalent to the number of files through which play is to be advanced.

**RETURNING TO THE START OF THE CURRENT FILE OR A PREVIOUS FILE**

When the **◀◀/◀◀◀◀** button on the unit or **◀◀◀◀** button on the remote controller is pressed, play returns to the start of the current file.

Pressing the same button several times will locate the start of a file the equivalent number of file starts before the current play position.

**PLAYING YOUR FAVORITE PARTS OF A TRACK (SEARCH)**



The search mode is established by holding down the **◀◀/◀◀◀◀** or **▶▶/▶▶▶▶** button on the player or **◀◀/▶▶▶▶** button on the remote controller.

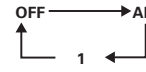
**Note**  
Sounds do not come out during search operations.

**USING "REPEAT PLAY" MODE**

All files or one file can be played repeatedly. The all-file repeat function plays back all files in a medium or in a folder, as previously set (see page 18).



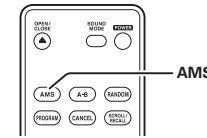
Each time the **REPEAT** button on the remote controller is pressed, Repeat Play mode cycles in the following order.



Press the **▶** button to begin playback in the selected repeat mode (see page 9).

**AMS PLAY (SEARCHING FOR A SPECIFIC FILE)**

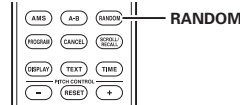
You can play the first 10 seconds of each track starting from the first track. Press the **AMS** button on the remote controller to automatically begin AMS play (see page 10).



**Tip**  
This function plays back all the songs in a medium or in a folder, as previously set (see page 18).

**RANDOM PLAY (PLAYING TRACKS IN A RANDOM SEQUENCE)**

You can randomly play songs.



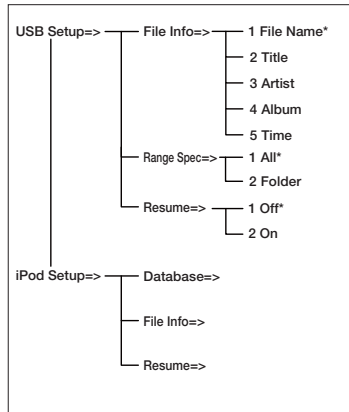
During stop, press the **RANDOM** button on the remote controller. (See page 10)

**Tip**  
This function plays back all the songs in a medium or in a folder, as previously set (see page 18).

**ADVANCED OPERATIONS (USB/iPod OPERATION)**

**USB MEDIUM OPERATION**

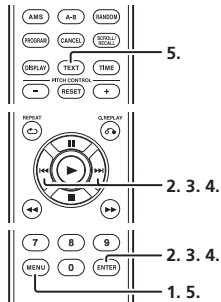
The USB medium works in the following hierarchical logic.



\* Default setting

**FILE INFORMATION DISPLAY SELECTION**

You can view MP3 tags and other file information when playing a USB medium.

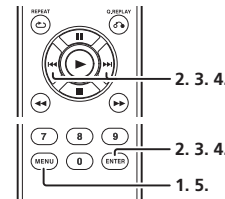


1. During stop, press the **MENU** button on the remote controller.
2. Use the **◀▶** buttons to display **"USB Setup=>"** and press **ENTER** button on the remote controller.
3. Use the **◀▶** buttons to display **"File Info=>"** and press **ENTER** button on the remote controller.
4. To view file names, use the **◀▶** buttons to display **"1 File Name"** and press **ENTER** button on the remote controller. To view track titles, use the **◀▶** buttons to display **"2 Title"** and press **ENTER** button on the remote controller. To view artist names, use the **◀▶** buttons to display **"3 Artist"** and press **ENTER** button on the remote controller. To view album names, use the **◀▶** buttons to display **"4 Album"** and press **ENTER** button on the remote controller. To always view time information without viewing file information, use the **◀▶** buttons to display **"5 Time"** and press **ENTER** button on the remote controller.
5. Press the **MENU** button on the remote controller unit to complete the setting.

- Press the **TEXT** button on the remote controller during normal playback to view selected file information.
- Press the **TEXT** button again to view the track title. If "track title" was the selected file information option, then the artist name will be displayed.
- Each time the **TEXT** button on the remote controller is pressed, the display changes in the following order: Track Title → Artist Name → Album Name → Track Title.

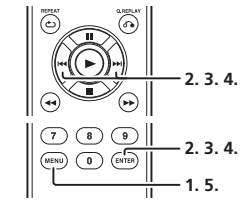
**SELECTING A RANGE OF FILES TO BE PLAYED**

You can select whether all files in USB media or the files in a specific folder are to be played.



1. During stop, press the **MENU** button on the remote controller.
2. Press the **◀▶** or **▶▶** button several times to display **"USB Setup =>"** on the display, then press the **ENTER** button on the remote controller.
3. Use the **◀▶** or **▶▶** button to display **"Range Spec=>"** on the display, then press the **ENTER** button on the remote controller.
4. To play all files in USB media, display **"1 All"**, using the **◀▶** or **▶▶** button, then press the **ENTER** button on the remote controller. To play the files in a specific folder, display **"2 Folder"** on the display using the **◀▶** or **▶▶** button, then press the **ENTER** button on the remote controller. (At the time of purchase, this is set to "1 All".)
5. Press the **MENU** button on the remote controller to complete the setting.

**PLAYING TRACKS FROM WHERE THEY WERE PREVIOUSLY STOPPED (RESUME PLAY)**



1. During stop, press the **MENU** button on the remote controller.
2. Use the **◀▶** buttons to display **"USB Setup=>"** or **"iPod Setup"** and press **ENTER** button on the remote controller.
3. Use the **◀▶** buttons to display **"Resume=>"** and press **ENTER** button on the remote control.
4. To enable Resume Play, use the **◀▶** buttons to display **"2 On"** and press **ENTER** button on the remote controller. To disable Resume Play, use the **◀▶** buttons to display **"1 Off"** and press **ENTER** button on the remote controller.
5. Press the **MENU** button on the remote controller to complete the setting.

**Note**

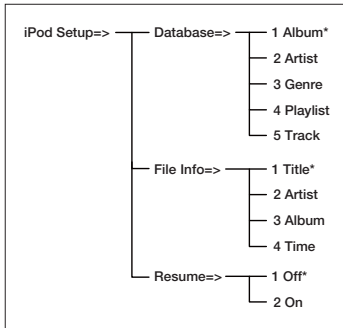
- Resume Play only works when an identical USB medium is inserted. If another USB medium is inserted, the unit will start playing from the first file.
- The unit may not play your desired file if files have been added to or deleted from the identical USB medium.
- In the case of an iPod, playback will be resumed from the beginning of the current file.



ADVANCED OPERATIONS (USB/iPod OPERATION)

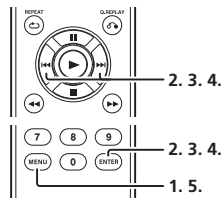
**iPod OPERATION**

The iPod works in the following hierarchical logic.



\* Default setting

**iPod DATABASE SELECTION**



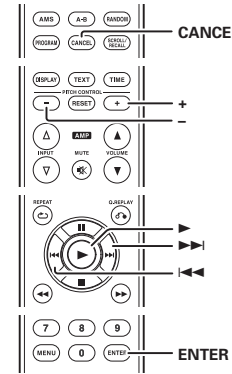
1. During stop, press the **MENU** button on the remote controller.
2. Use the **◀▶** buttons to display "iPod Setup=>" and press **ENTER** button on the remote controller.
3. Use the **◀▶** buttons to display "Database=>" and press **ENTER** button on the remote controller.

4. To select albums by album name, use the **◀▶** buttons to display "1 Album" and press **ENTER** button on the remote controller.  
To select albums by artist name, or if you would like to play all tracks for a selected artist, use the **◀▶** buttons to display "2 Artist" and press **ENTER** button on the remote controller.  
To select artists by genre, use the **◀▶** buttons to display "3 Genre" and press **ENTER** button on the remote controller.  
To play tracks in a playlist, display "4 Playlist", using the **◀▶** button, then press the **ENTER** button on the remote controller.  
To play tracks without using the database, use the **◀▶** buttons to display "5 Track" and press **ENTER** button on the remote controller.
5. Press the **MENU** button on the remote controller to complete the setting.

**Note**

Please refer to your iPod for information on how to use with each database.

**SELECTING FILES BY ANOTHER ARTIST**



When the iPod database is set to "Artist"

1. Press the **+ , -** button and search for your desired artist.  
Press the **CANCEL** button on the remote controller and the currently selected artist will be cancelled.
2. When your desired artist is displayed, press **ENTER** button on the remote controller and either "All Album", album name, or track title will be displayed.

**(Selecting from All Album)**

3. When selecting from "All Album", press **ENTER** button on the remote controller and the title of the first track by the artist will be displayed.
4. Use the **◀▶** button to select your desired file. Press the **▶** button to register the selection and play.

**(Selecting from Album)**

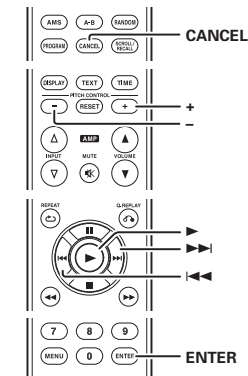
3. When selecting from "Album", press the **+ , -** button on the remote controller and the names of albums by the artist will be displayed.

4. When your desired album is displayed, press **ENTER** button on the remote controller and the title of the first track from the album will be displayed.
5. Use the **◀▶** button to select your desired file. Press the **▶** button to register the selection and play.

**Tip**

You can also use the remote controller's numeric keys 0-9 to select albums or files. Please refer to your iPod for information on how to use with each database.

**SELECTING FILES FROM A DIFFERENT GENRE**



When the iPod database is set to "Genre"

1. Press the **+ , -** button on the remote controller to display your desired genre. Press the **CANCEL** button on the remote controller and the currently selected database will be cancelled. When the selected database is canceled, all currently selected tracks will be displayed.

## ADVANCED OPERATIONS (USB/iPod OPERATION)

- When your desired genre is displayed, press **ENTER** button on the remote controller and either **"All Artist"** or **artist name** will be displayed.
- Press the **+**, **-** button on the remote controller and select either **"All Artist"** or an artist name. Press the **ENTER** button, and either **"All Album"** or an album name will be displayed.

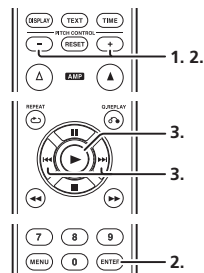
### (Selecting from All Album)

- Select **"All Album"** and press the **ENTER** button, and the title of the first track from the selected artist will be displayed.
- Use the **◀◀** or **▶▶** button to select your desired file. Press the **▶** button to register the selection and play.

### (Selecting from Album)

- Select an album name and press the **ENTER** button, and the name of the first file from the selected album will be displayed.
- Use the **◀◀** or **▶▶** button to select your desired file. Press the **▶** button to register the selection and play.

## SELECTING FILES FROM A DIFFERENT ALBUM



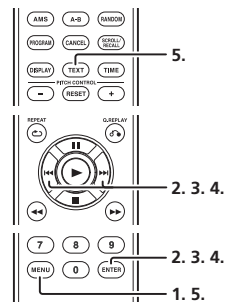
When the iPod database is set to "Album"

- Press the **+**, **-** button on the remote controller to display the name of the current album.
- Press the **+** or **-** button, and when your desired album is displayed, press the **ENTER** button on the remote controller. The title of the first track from the album will be displayed.
- Use the **◀◀** or **▶▶** button to select your desired file. Press the **▶** button to register the selection and play.

### Tip

You can also use the remote controller's numeric keys 0-9 to select albums or files.

## FILE INFORMATION DISPLAY SELECTION



You can view file information when playing iPod files.

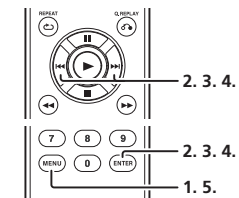
- During stop, press the **MENU** button on the remote controller.
- Use the **◀◀**, **▶▶** buttons to display **"iPod Setup=>"** and press **ENTER** button on the remote controller.
- Use the **◀◀**, **▶▶** buttons to display **"File Info=>"** and press **ENTER** button on the remote controller.

- To view track titles, use the **◀◀**, **▶▶** buttons to display **"1 Title"** and press **ENTER** button on the remote controller. To view artist names, use the **◀◀**, **▶▶** buttons to display **"2 Artist"** and press **ENTER** button on the remote controller. To view album names, use the **◀◀**, **▶▶** buttons to display **"3 Album"** and press **ENTER** button on the remote controller. To always view time information without viewing file information, use the **◀◀**, **▶▶** buttons to display **"4 Time"** and press **ENTER** button on the remote controller.
- Press the **MENU** button on the remote controller to complete the setting.

- Press the **TEXT** button on the remote controller during normal playback to view selected file information.
- Press the **TEXT** button again to view the track title. If "track title" was the selected file information option, then the artist name will be displayed.
- Each time the **TEXT** button on the remote controller is pressed, the displayed information changes in the following order: Track Title→Artist Name→Album Name→Track Title.

## OPERATING AN iPod WITH ITS OWN CONTROLS

You can specify whether operation of an iPod is performed with its own controls or from this unit.



- During stop, press the **MENU** button on the remote controller.
- Use the **◀◀** or **▶▶** button to display **"iPod Setup=>"** on the display, then press the **ENTER** button on the remote controller.
- Use the **◀◀** or **▶▶** button to display **"iPod Ctrl=>"** on the display, then press the **ENTER** button on the remote controller.
- To operate the iPod with its own controls, display **"1 Direct"**, using the **◀◀** or **▶▶** button, then press the **ENTER** button on the remote controller. To operate the iPod from this unit or this unit's remote controller, display **"2 Remote"**, using the **◀◀** or **▶▶** button, then press the **ENTER** button on the remote controller.
- Press the **MENU** button on the remote controller to complete the setting.

### Note

With the "1 Direct" setting, you can use the Play, Pause, Next, Previous, and Stop commands from the remote controller. When a 1G Nano or 5G iPod is connected with the "1 Direct" setting, the setting will be automatically changed to "2 Remote" as these models do not support this function.

## TROUBLESHOOTING

If you have any problem using this product, please be sure to check the items in the following table.  
If you trouble cannot be solved, please unplug the power cord immediately and contact your Marantz authorized dealer or service center.

### GENERAL

Symptom	Cause	Solution	Page
No power.	The AC power cord is not properly connected.	Plug the AC power cord firmly into the unit. Plug the AC power plug firmly into a wall outlet.	6 6
	The output cables are not firmly connected.	Connect the output cables firmly into the connectors of this unit and the amplifier.	6
No sound or distorted sound.	The analog outputs of this unit are connected with the PHONO input connectors of the amplifier.	Do not connect the analog outputs of this unit with the PHONO input connectors of the amplifier.	6
	Improper amplifier operation.	Confirm the input selection, audio volume adjustment, and speaker settings of the amplifier.	6
	Playback of this unit is paused.	Press the Play button.	7
No sound from the connected headphones or distorted sound.	The headphones plug is not firmly connected.	Insert the headphones plug firmly into the headphones jack of this unit.	4
	The headphones level is set to the minimum.	Adjust the headphones level.	4
No digital audio output.	The digital output setting is set to OFF.	Set the digital output setting to ON.	13
	The AUDIO EX setting is set to 2.	Set AUDIO EX to 1.	13
This unit cannot be controlled with the remote controller.	The batteries of the remote controller are exhausted.	Replace with new batteries.	3
	The remote controller is located outside its operable range.	Check the operable range of the remote controller and use it within that range.	3
	Some object is placed between the unit and remote controller.	Remove the object.	3
	The remote sensor of the unit is exposed to strong light.	Avoid exposing the remote sensor to the strong light.	3
	The EXTERNAL/INTERNAL switch on the rear panel is set to EXTERNAL.	Set the EXTERNAL/INTERNAL switch to INTERNAL.	6, 8

### DISC PLAYBACK

Symptom	Cause	Solution	Page
No playback with a disc.	The disc is not loaded properly in the tray.	Load the disc properly.	7
	The disc is placed upside-down. (The label of the disc is facing down.)	Place the disc with its label facing upward.	7
	The disc is dirty.	Clean the disc's surface.	26
	The disc is scratched.	A disc with many scratches may not be playable.	26
	The disc is warped.	The disc may be unable to be played if it is badly warped.	26
	A disc that is not supported by this unit is attempted to be played.	Use a disc that is supported by this unit.	23, 24
No playback with a CD-R/CD-RW disc.	Condensation has formed on the lens inside this unit.	Turn on the unit then wait for about 30 minutes before turning it back on again and using it.	2
	The disc has not been finalized.	Perform finalization of the disc, using writing software.	24
	The recorded data are not in CDDA format for music. Or, an MP3/WMA/AAC file has not been recorded properly.	Record data in a proper format supported by this unit.	24

NAMES AND FUNCTIONS

BASIC CONNECTIONS

BASIC OPERATIONS

ADVANCED CONNECTIONS

ADVANCED OPERATIONS

TROUBLESHOOTING

OTHERS

**TROUBLESHOOTING**

**USB PLAYBACK**

Symptom	Cause	Solution	Page
"OverCurrent" is displayed on the display.	The overcurrent protection function for the USB connector of this unit was activated.	That USB device is not supported. Use a USB device whose operating load current is 500 mA or less.	-
"FAT Error" or "Cluster Err" is displayed on the display.	A file system not supported is used. Or, this unit does not support a USB memory device whose capacity is 128 MB or less.	Use a USB memory device whose capacity is more than 256 MB and has been formatted in a supported file system (FAT32 or FAT).	24
"No File" is displayed on the display.	No file exists that can be played with this unit.	Check the supported formats of this unit.	23, 24
"DRM Stream" is displayed on the display.	The corresponding file is protected by digital-rights management.	Playback is not possible because the corresponding file is protected by digital-rights management that is not supported by this unit.	23
"Can'tConnect" is displayed on the display.	A device that cannot be recognized by this unit is connected.	Some files stored in USB devices belonging to a class of USB mass storage cannot be played back. (This does not constitute a failure.)	24
It takes substantial time for reading data from the USB device.	It takes substantial time for reading data if the number of folders and files is large.	Wait until reading is completed.	-
No sound or distorted sound.	This unit is used an extension for the USB cable.	Do not use an extension for the USB cable.	8
	This unit is in disc media play mode.	Press the DISC MEDIA/USB button to change to USB device play mode.	16
	The USB device is not firmly connected with this unit.	Firmly connect the USB device with this unit.	8, 16
	The USB device is damaged.	Replace the USB device.	-
	The USB device is connected to this unit via a USB hub.	Do not connect the USB device via a USB hub.	8

**iPod PLAYBACK**

Symptom	Cause	Solution	Page
No playback when an iPod is connected.	The iPod was in inoperable mode when it was connected.	Set the iPod to an operable mode then connect it to this unit.	-
No sound.	The 5th-generation and earlier iPods are unsupported.	See "iPod OPERATION".	24

## OTHERS

### ABOUT WMA PLAYBACK

- Windows Media is a trademark of the Microsoft Corporation in the US and other countries.
- WMA is an abbreviation for "Windows Media Audio" and is an audio compression technology developed by the Microsoft Corporation. WMA data may be encoded using Windows Media® Player Ver. 7, 7.1, Windows Media® Player for Windows® XP, or Windows Media® Player 9 Series.
- Use discs recorded conforming to the ISO 9660 Level 1/Level 2 CD-ROM file system and extended format (Joliet, Romeo).
- WMA files having DRM copy protection cannot be played.
- Encode WMA files using applications that have received Microsoft Corporation certification. If an uncertified application is used, it may not operate normally.
- Titles, artist names, and album titles are displayed as text information.
- The TEXT display is alphanumeric only. If non-alphanumeric characters have been recorded, the characters will be displayed as "\*\*".

### ABOUT WINDOWS MEDIA DRM

Windows Media Digital Rights Management (DRM) (referred to below as WMDRM) is a platform to prevent playback on computers, digital audio players, network devices and the like in order to securely distribute digital content.

Content protected by WMDRM may be played back only when connected to a media server that has WMDRM functionality.

This system does not comply with any contents protected by WMDRM.

### WMA FILES

<b>Standard</b>	Conforming to Microsoft Windows Media Audio 9.2 The following are unsupported <ul style="list-style-type: none"> <li>• WMA9 Series Professional</li> <li>• WMA9 Series Voice</li> <li>• WMA9 Series Lossless</li> <li>• WMA with Video</li> </ul>
<b>Extension</b>	.wma
<b>Bit rate [kbps]</b>	Disc media: 48-192 USB media: 48-320
<b>Sampling frequency [kHz]</b>	44.1
<b>Channels</b>	2ch (Stereo)

### ABOUT MP3 PLAY BACK

- Use discs recorded conforming to the ISO 9660 Level 1/Level 2 CD-ROM file system and extended format (Joliet, Romeo).
- "No File" is displayed when an attempt is made to play the MPEG1 Audio Layer-3 files that are not recorded at sampling frequencies specified for the device. This device cannot play such files.
- Variable Bit Rate (VBR) is not supported (when playback is possible, the time display in the display window will speed up and slow down).
- For audio quality, a recording rate of 128 kbps or higher is recommended.
- Titles, artist names, and album titles are displayed as text information.
- The TEXT display is alphanumeric only. If non-alphanumeric characters have been recorded, the characters will be displayed as "\*\*".

### MP3 FILES

<b>Standard</b>	MPEG-1 Audio Layer3
<b>Extension</b>	.mp3
<b>Bit rate [kbps]</b>	For MPEG-1 Audio Layer3, 32 - 320
<b>Sampling frequency [kHz]</b>	For MPEG-1 Audio Layer3, 32/44.1/48
<b>Channels</b>	2 ch (Stereo)
<b>Emphasis</b>	OFF

### ABOUT AAC PLAYBACK

- AAC is an abbreviation for "Advanced Audio Coding". It is the basic format related to the audio compression technology used in MPEG-2 and MPEG-4.
- Playing of AAC files that have the extension ".m4a" encoded using iTunes® is supported with this device. However, files may be unable to be played due to having DRM copy protection (copyright protection) or because of the version of iTunes they have been encoded with.
- iTunes is a trademark of Apple Inc. that is registered in the US and other countries.
- This applies to files created with iTunes.
- Titles, artist names, and album titles are displayed as text information.
- The TEXT display is alphanumeric only. If non-alphanumeric characters have been recorded, the characters will be displayed as "\*\*".

<b>Standard</b>	MPEG-4/AAC LC (Low Complexity)
<b>Extension</b>	.m4a
<b>Bit rate [kbps]</b>	8 - 320
<b>Sampling frequency [kHz]</b>	32/44.1/48
<b>Channels</b>	2 ch (Stereo)

### ABOUT WAV PLAYBACK USB MEDIUM ONLY

- Some WAV files cannot be played back, depending on the software used for file creation.

<b>Standard</b>	RIFF Waveform Audio Format
<b>Format</b>	Linear PCM
<b>Extension</b>	.wav
<b>Sampling frequency [kHz]</b>	Linear PCM: PCM 32/44.1/48 Those other than the above, not supported.
<b>Number of bits [bit]</b>	Linear PCM: 16
<b>Channels</b>	2 ch (Stereo)
<b>Textual information</b>	None

## OTHERS

## ABOUT iPod PLAY BACK

- Supported iPod Models  
Made for
  - iPod touch
  - iPod classic
  - iPod with video
  - iPod nano (4th generation)
  - iPod nano (3rd generation)
  - iPod nano (2nd generation)
  - iPod nano (1st generation)
- Some operations may differ depending on the iPod model.
- If the iPod's software is old, it may not operate properly. Please be sure to use up-to-date iPod software.
- The TEXT display is alphanumeric only. If non-alphanumeric characters have been recorded in the iPod, the characters will be displayed as "\*".
- The iPod is a device licensed for the private duplication and playback of uncopyrighted material or material for which duplication and playback are legally permitted. Violation of copyright is legally prohibited.
- The iPod equalizer cannot be operated from the unit. Before connecting an iPod to this unit, it is recommended that the iPod equalizer be set to "OFF".
- It is recommended to set "Clicker/Sound Effects" setting of the iPod to "Off" or "Speaker".
- Please note that we offer no compensation if problems occur in the iPod data when using this unit with an iPod.
- Any files that can be played on an iPod (AAC, MP3, WMA, Apple Lossless, WAV and AIFF) can be played on this unit.
- "Made for iPod" means that an electronic accessory has been designed to connect specifically to iPod and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

iPod is a trademark of Apple Inc. registered in the US and other countries.



## PLAYING CD-R/CD-RW DISCS

This unit can play back the CD-RW (ReWritable) discs as well as ordinary Audio CD and CD-R (Recordable) discs.

- The CD-R and CD-RW discs should contain properly-recorded TOC\* information so that they can be played back. In CD recorders, the task of writing TOC information is referred to as finalizing the disc. Discs that are not finalized cannot be properly recognized as an Audio CD and played back by regular CD players and Super Audio CD players. For details, please read the instruction manual provided with a CD recorder.
  - \* TOC stands for Table Of Contents and contains information such as the total number of tracks and total playing time of the disc.
- This unit can play CD format, and CD-R/CD-RW discs which contain WMA/MP3/AAC music data. However, some discs may have problems such as unable to play, noise or sound distortion.
- This device is exclusively a playback device. It cannot record CD-R/CD-RW discs.
- As the playback of a CD-RW disc necessitates partial change of the player setup, it may take longer time for reading the TOC information than when an Audio CD or CD-R disc is played.
- Depending on the application settings and environment, discs recorded with a personal computer may not be able to be played. Please record with the correct format. (For details, please inquire at your application sales agent.)
- Discs recorded with the packet writing system cannot be played.
- Mixed mode CD/enhanced CD and DTS CD discs cannot be played.

## ABOUT PLAYING COPY-CONTROLLED CDs

Some copy-controlled CDs may not conform to official CD standards. They are special discs and may not play on the unit.

## ABOUT DUALDISC PLAYBACK

- "DualDisc" contains DVD-standard-compliant video and audio on one side and audio for playing on a CD player on the other side, respectively.
- Since the non-DVD audio side does not conform to common CD physical standards, it may not be able to be played.
- In regard to details such as "DualDisc" specifications and standards, please inquire at your selling agent or distributor.

## ABOUT USB MEDIA

- Music files cannot be played by connecting this unit to a personal computer with a USB cable. This is a device that belongs to a class of USB mass storage such as USB memory (FAT16, FAT32 format supported), which this unit supports.
- There are cases where playback of all USB memory or supplying electrical power cannot be guaranteed. In addition, please note that we cannot assume any responsibility in the unlikely event of loss of USB memory files.

**SPECIFICATIONS**

**AUDIO CHARACTERISTICS**

Channels.....2 channels  
 Frequency response ..... 2 Hz to 20 kHz  
 Dynamic range..... 100 dB  
 Signal-to-noise ratio (A-weighted) ..... 110 dB  
 Channel separation (1 kHz) ..... 110 dB  
 Harmonic distortion (1 kHz) .....0.002%  
 Wow & flutter..... Precision of quartz  
 Audio output ..... 2.35 V rms, stereo  
 Headphone output (variable maximum) ..... 18 mW/32 ohms  
 Digital output  
 Coaxial output (pin jack) .....0.5 Vp-p, 75 ohms  
 Optical output (square optical connector) .....-19 dBm

**OPTICAL READOUT SYSTEM**

Laser .....AlGaAs semiconductor  
 Wavelength ..... 780 nm

**SIGNAL SYSTEM**

Sampling frequency .....44.1 kHz  
 Quantization .....16-bit linear PCM

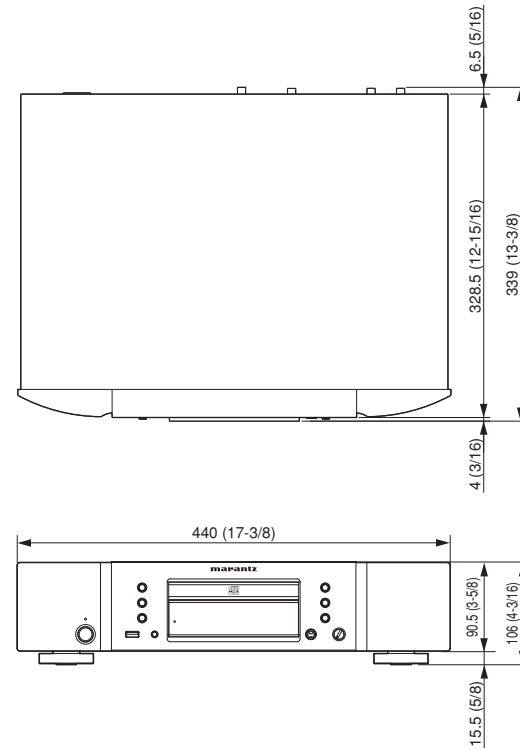
**POWER SUPPLY**

Power requirement..... AC 230 V 50/60 Hz  
 Power consumption ..... 19 W  
 Standby power consumption ..... 0.3 W

This unit's specifications and exterior are subject to change without notice for improvements.

**DIMENSIONS**

(Unit: mm (in))



Weight: 6.6 kg

**CLASS 1 LASER PRODUCT**  
**LUOKAN 1 LASERLAITE**  
**KLASS 1 LASERAPPARAT**

OTHERS

**NOTES ABOUT THE DISCS**

\* **Handle the discs carefully so as not to scratch their surfaces.**

\* **Keep the surfaces of the discs clean at all times.**

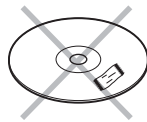
When cleaning the surfaces of discs, always be sure to use the special cleaner and wipe the surfaces in the directions shown in the figure below.



- Wipe the surface radially from the center.
- Do not wipe the surface in the circumferential direction.

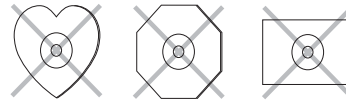
\* **Do not attach pieces of paper or stickers to the label surfaces of the discs.**

When a disc has a piece of plastic tape or rental CD label with paste protruding from the edge or when a disc still bears traces of sticky tape or adhesive labels, do not attempt to play it. If such a disc is played on the CD player, you may find that you cannot remove it or that some other kind of malfunctioning may occur.



\* **Do not use discs which come in special shapes.**

Do not attempt to play heart-shaped or octagonal discs or discs with any other special shapes. You may find that you cannot remove them or that some other kind of malfunctioning may occur in the player.



\* **Use discs which satisfy the CD standards such as those with the "CD logo", "Compact Disc Digital Audio" or "Compact Disc Digital Video" mark on their disc label surfaces.**

No guarantees are made for playback if discs which do not satisfy the appropriate CD standards are used.

Similarly, no guarantees are made for their sound quality even if it is possible to play such discs.

\* **To protect your discs from damage, avoid placing them in the following locations.**

- Where they will be exposed to direct sunlight or where they will be close to a heater or other heat-radiating appliance
- Where the humidity level is high or it is very dusty
- Near a window or other such location where they may be exposed to rain

\* **Get into the habit of putting the discs back in their cases after use.**

**CLEANING OF EQUIPMENT EXTERNAL SURFACES**

The exterior finish of your unit will last indefinitely with proper care and cleaning. Never use scouring pads, steel wool, scouring powders or harsh chemical agents (e.g., lye solution), alcohol, thinner, benzene, insecticide or other volatile substances as these will mar the finish of the equipment. Likewise, never use cloths containing chemical substances. If the equipment gets dirty, wipe the external surfaces with a soft, lint-free cloth.

If the equipment becomes heavily soiled:

- Dilute some washing up liquid in water, in a ratio of one part detergent to six parts water.
- Dip a soft, lint free cloth in the solution and wring it out until it is damp.
- Wipe the equipment with the damp cloth.
- Dry the equipment by wiping it with a dry cloth.



**REPAIRS**

Only the most competent and qualified service technicians should be allowed to service the factory-trained warranty station personnel have the knowledge and special facilities needed for repair and calibration of this precision equipment. After the warranty period has expired, repairs will be performed for a charge if the equipment can be returned to normal operation.

In the event of difficulty, refer to your dealer or write directly to the nearest location to you that is listed on the Marantz Authorized Service Station list. If writing, please include the model and serial number of the equipment together with a full description of what you think is abnormal about the equipment's behaviour.



**www.marantz.com**

You can find your nearest authorized distributor or dealer on our website.

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