

SHARP

DVD-CINEMA
DVD CINÉMA
DVD-CINE
DVD-BIO
DVD CINEMA
DVD-BIOSCOOP
CINEMA EM DVD
DVD CINEMA

MODELL
MODÈLE
MODELO
MODELL

MODELLO
MODEL
MODELO
MODEL

HT-DV40H HT-DV50H

BEDIENUNGSANLEITUNG
MODE D'EMPLOI
MANUAL DE MANEJO
BRUKSANVISNING

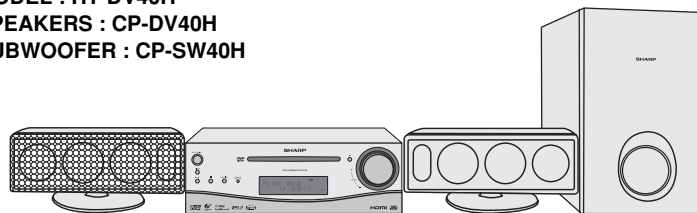
MANUALE DI ISTRUZIONI
GEBRUIKSAANWIJZING
MANUAL DE OPERAÇÃO
OPERATION MANUAL



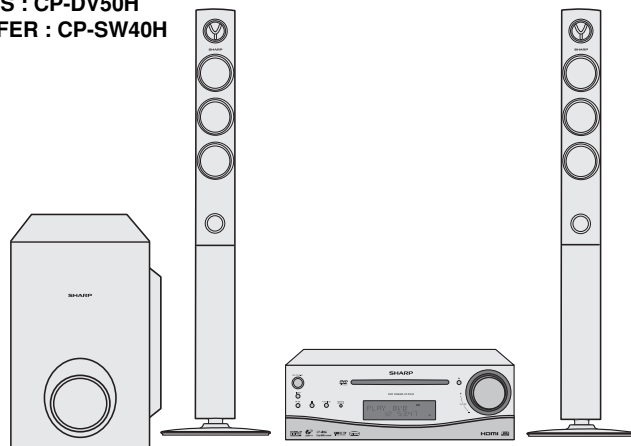
Note:

This product is not compatible with MTP and AAC file systems.

MODEL : HT-DV40H
SPEAKERS : CP-DV40H
SUBWOOFER : CP-SW40H



MODEL : HT-DV50H
SPEAKERS : CP-DV50H
SUBWOOFER : CP-SW40H



DEUTSCH	... Siehe Seiten i bis xii und D-1 bis D-66.
FRANÇAIS	... Se reporter aux pages i à xii et F-1 à F-66.
ESPAÑOL	... Consulte las páginas i a xii y S-1 a S-66.
SVENSKA	... Hänvisa till sidorna i till xii och V-1 till V-66.
ITALIANO	... Leggere le pagine i a xii e I-1 a I-66.
NEDERLANDS	... Raadpleeg de bladzijden i t/m xii en N-1 t/m N-66.
PORTUGUÊS	... Favor consultar as páginas i a xii e P-1 a P-66.
ENGLISH	... Please refer to pages i to xii and E-1 to E-66.

BESONDERE ANMERKUNGEN
REMARQUES SPÉCIALES
NOTAS ESPECIALES
SÄRSKILDA ANMÄRKNINGAR
NOTE PARTICOLARI
BIJZONDERE OPMERKINGEN
NOTAS ESPECIAIS
SPECIAL NOTES

● **Dichiarazione di conformità**

La società SHARP ELECTRONICS EUROPE GmbH dichiara che il prodotto SHARP DVD CINEMA HT-DV40H/HT-DV50H è costruito in conformità alle prescrizioni del D.M.no. 548 28/8/95, pubblicato sulla G.U.no. 301 del 28/12/95 ed in particolare è conforme a quanto indicato nell'art. 2, comma 1 dello stesso decreto.

- Bei Einstellung der ON/STAND-BY-Taste auf STAND-BY ist die Netzspannung immer noch im Gerät vorhanden. Wenn die ON/STAND-BY-Taste auf STAND-BY eingestellt wird, kann das Gerät unter Verwendung der Timer-Betriebsart oder Fernbedienung in Betrieb gesetzt werden.

Warnung:

In diesem Gerät sind keine vom Benutzer wartbaren Teile vorhanden. Niemals Abdeckungen entfernen, außer wenn Sie dafür qualifiziert sind. In diesem Gerät sind gefährliche Spannungen vorhanden. Vor Ausführung von irgendwelchen Kundendienstarbeiten oder bei längerer Nichtverwendung des Gerätes stets den Netzstecker aus der Netzsteckdose ziehen.

- Lorsque la touche ON/STAND-BY est mise en STAND-BY, l'appareil est toujours sous tension. Lorsque la touche ON/STAND-BY se trouve sur la position STAND-BY, l'appareil est prêt à fonctionner par la minuterie ou la télécommande.

Avertissement:

Cet appareil contient des pièces non réparables par l'utilisateur. Personne non qualifiée n'enlèvera jamais les couvercles. L'appareil contenant des organes portés à haute tension, débrancher l'appareil avant toute réparation ou en période de non-utilisation.

- Cuando el botón ON/STAND-BY está puesto en la posición STAND-BY, todavía hay tensión dentro del aparato. Cuando el botón ON/STAND-BY está puesto en la posición STAND-BY, el aparato puede ponerse en funcionamiento utilizando el modo del temporizador o el controlador remoto.

Advertencia:

Tenga en cuenta que dentro de este aparato no hay piezas que pueda reparar. No quite nunca las tapas a menos que se esté cualificado para hacerlo. Este aparato tiene en su interior tensiones peligrosas.

Desenchufe siempre la clavija de la red del tomacorriente antes de realizar cualquier servicio de mantenimiento y cuando no se use el aparato durante un largo período de tiempo.

- När ON/STAND-BY knappen är i läge STAND-BY, finns nätspänning i apparaten. Med ON/STAND-BY knappen i läge STAND-BY kan apparaten startas med timerfunktion eller fjärrkontrollen.

Varning:

Apparaten innehåller inga delar som kan åtgärdas av kunden. Höljet får endast öppnas av kvalificerad personal. Apparaten innehåller farliga spänningar.

Stickkontakten ska därför dras ut från nätuttaget före reparationsarbeten och bör dras ut om apparaten inte ska användas på mycket länge.

- Quando il tasto ON/STAND-BY si trova in posizione STAND-BY, all'interno dell'apparecchio c'è ancora la corrente. Se il tasto ON/STAND-BY si trova nella posizione STAND-BY, l'unità può essere accesa con il modo timer o con il telecomando.

Avvertenza:

L'apparecchio non contiene parti riparabili dall'utente. Non togliere mai i coperchi, a meno di non essere qualificati per farlo. All'interno dell'apparecchio ci sono tensioni pericolose, per cui si deve sempre staccare la spina del cavo d'alimentazione dalla presa di corrente prima di qualsiasi intervento di manutenzione e quando non si usa l'apparecchio per un lungo periodo di tempo.

- Wanneer de ON/STAND-BY toets in de STAND-BY stand staat, loopt er nog steeds stroom (netspanning) in het toestel. Wanneer de ON/STAND-BY toets in de STAND-BY stand staat, kan het toestel ingeschakeld worden via de timerfunctie of de afstandsbediening.

Waarschuwing:

Dit toestel bevat geen door de gebruiker te repareren onderdelen. Verwijder de behuizing nooit tenzij u deskundig bent op dit gebied. In het toestel loopt een gevaarlijke spanning; haal de stekker altijd uit het stopcontact alvorens onderhoud uit te voeren of wanneer het toestel voor langere tijd niet gebruikt wordt.

- Quando o botão ON/STAND-BY estiver ajustado na posição STAND-BY, a voltagem de alimentação ainda se encontra presente dentro do aparelho. Quando o botão ON/STAND-BY estiver ajustado na posição STAND-BY, o aparelho pode ser colocado em operação através do modo de programação horária ou pelo controle remoto.

Advertência:

Neste aparelho não há partes que podem ser consertadas pelo usuário. Nunca retire a tampa, a menos que você tenha qualificação para tal. Este aparelho contém voltagens perigosas. Remova sempre o cabo de alimentação da tomada antes de efetuar qualquer conserto ou quando deixar o aparelho muito tempo fora de uso.

- When the ON/STAND-BY button is set at STAND-BY position, mains voltage is still present inside the unit. When the ON/STAND-BY button is set at STAND-BY position, the unit may be brought into operation by the timer mode or remote control.

Warning:

This unit contains no user serviceable parts. Never remove covers unless qualified to do so. This unit contains dangerous voltages, always remove mains plug from the socket before any service operation and when not in use for a long period.

- Når ON/STAND-BY-knappen er sat i STAND-BY positionen, er der stadig netspænding til stede i apparatet. Når ON/STAND-BY-knappen er sat i STAND-BY position, kan apparatet startes v.h.j.a. timer-funktionen eller fjernbetjeningen.

Advarsel:

Apparatet indeholder ingen dele, der kan repareres af brugeren selv. Fjern aldrig kabinettet med mindre De er kvalificeret hertil. Apparatet indeholder farlig strømspænding. Træk altid stikket ud af stikkontakten før der foretages reparationer, eller hvis apparatet ikke er i brug i længere tid.

PŘED SEJMUTÍM KRYTU NUTNO VYJMOUT VIDLICI ZE SÍŤOVÉ ZÁSUVKY.

PRED ZLOŽENÍM KRYTU JE NUTNÉ ODPOJIT PRÍSTROJ ZO SIETE.

DENNA APPARAT ÄR ANSLUTEN TILL 230 V VÄXELSTRÖM NÄR STICKPROPPEN ÄR INSKJUTEN I VÄGGUTTAGET. FÖR ATT FULLSTÄNDIGT KOPPLA IFRÅN APPARATEN, V.G. DRAG UT STICKPROPPEN.

● Vorsicht: Das Gerät weder Tropf- noch Spritzwasser aussetzen. Ansonsten besteht die Gefahr eines Brandes oder elektrischen Schlages. Es dürfen keine mit Flüssigkeiten gefüllten Gegenstände wie Vasen auf dem Gerät abgestellt werden.
● Attention: Pour éviter un incendie ou une secousse électrique, mettre l'appareil à l'abri de l'eau (éclaboussure, goutte). Ne pas poser sur l'appareil un récipient contenant du liquide.
● Advertencia: Para evitar incendios y descargas eléctricas, no exponga el aparato a goteo o salpicadura de líquidos. No deberán ponerse encima del aparato objetos que estén llenos de líquido, como por ejemplo un florero.
● Varning: Utsätt inte enheten för dropp eller stänk för att förhindra brand eller elektriska stötar. Inga vätskefyllda föremål såsom vaser får placeras på enheten.
● Attenzione: Per prevenire incendi o scosse elettriche, non fare gocciolare nessun liquido sull'apparecchio e non bagnarlo. Non collocarvi sopra nessun oggetto riempito d'acqua, come per esempio vasi.
● Waarschuwing: Stel het toestel niet bloot aan druipend of spattend water om brand en elektrische schokken te voorkomen. Met vloeistoffen gevulde voorwerpen, zoals vazen, mogen niet op het toestel geplaatst worden.
● Cuidado: Para evitar incêndio ou choque elétrico, não exponha este aparelho a gotejamento ou salpicamento de água. Não coloque objetos com água como, por exemplo, um vaso de flores, em cima do aparelho.
● Warning: To prevent fire or shock hazard, do not expose this appliance to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the apparatus.

● Advarsel: Til at forbygge ild og stød risiko, lad være med at undsaette denne indretning for drypning eller overstaenkning. Der må ikke anbringes nogen genstande fyldt med vand, som for eksempel vaser, på dette apparat.
● Advarsel: For å unngå brann eller kortslutning, utsett ikke produktet for vann eller fuktighet. Gjenstander som inneholder vaeske, feks. en blomstervase, må ikke plasseres oppå apparatet.
● Varoitus: Älä vie laitetta sateeseen tai kosteisiin tiloihin. Jos laite on kostunut, anna sen kuivua ennen kuin käytät sitä verkkovirralla. Nestettä sisältäviä astioita kuten esim. kukkamaljakoita ei saa asettaa laitteen päälle.
PŘÍSTROJ NEVYSTAVUJTE KAPAJÍCÍ NEBO STŘÍKAJÍCÍ VODĚ.
PRÍSTROJ NEVYSTAVUJTE KVAPKAJÚCEJ ALEBO STRIEKAJÚCEJ VODE.
Urządzenie należy chronić przed zalaniem i wilgocią.
● Dieses Produkt ist ein Laserprodukt der Klasse 1. ● Ce produit est classifié comme étant un LASER DE CLASSE 1. ● Este producto está clasificado como un PRODUCTO LÁSER DE CLASE 1. ● Denna produkt klassificeras som KLASS 1 LASERPRODUKT. ● Questo prodotto è classificato come CLASS 1 LASER PRODUCT. ● Dit product is geclassificeerd als een KLASSE 1 LASER PRODUCT. ● Este produto é classificado como PRODUTO LASER DE CLASSE 1. ● This product is classified as a CLASS 1 LASER PRODUCT.
● Dette produktet er klassifisert som et KLASSE 1 LASERPRODUKT. ● Dette produkt er klassificeret som et KLASSE 1 LASERPRODUKT. ● Tämä laite on luokiteltu LUOKAN 1 LASERLAITTEEKSI. ● Denna produkt klassificeras som KLASS 1 LASERAPPARAT. ● Tento výrobek je klasifikován jako LASEROVÝ VÝROBEK TŘÍDY 1. ● Tento výrobok je klasifikovaný ako LASEROVÝ VÝROBOK TRIEDY 1.

● **VORSICHT**

Dieses Produkt ist mit einem Niederleistungs-Laserabtaster ausgestattet. Aus Sicherheitsgründen keine Abdeckung entfernen und nicht Innenteile zu berühren versuchen. Wartungsarbeiten dürfen nur von geschultem Fachpersonal durchgeführt werden.

● **ATTENTION**

Ce produit contient un dispositif laser à faible puissance. Pour assurer la sécurité, ne pas ôter l'enveloppe ni accéder à l'intérieur du produit. Confier toute réparation à une personne qualifiée.

● **PRECAUCIÓN**

Este producto contiene un dispositivo láser de baja potencia. Para que siempre pueda funcionar con seguridad, no extraiga ninguna cubierta para acceder al interior del aparato. Solicite todo el servicio técnico a personal cualificado.

● **VARNING**

Denna produkt innehåller en lågeffektlaserapparat. För fortsatt säkerhet, ta inte bort locket eller försök komma åt produktens insida. Överlåt all service till kvalificerad personal.

● **ATTENZIONE**

Questo prodotto contiene un dispositivo laser a bassa potenza. Per motivi di sicurezza non rimuovere la copertura né provare a toccare le parti interne. Per tutte le riparazioni rivolgersi a personale tecnico qualificato.

● **LET OP**

Dit toestel bevat laserapparatuur van laag vermogen. Verwijder beslist geen afdekkingen en probeer geen toegang tot het interieur van het toestel te krijgen zodat veiligheid gewaarborgd blijft. Laat onderhoud en reparatie over aan erkend personeel.

● **CUIDADO**

Este produto contém um dispositivo laser de baixa intensidade. Para contínua segurança, não remover tampa alguma nem tentar obter acesso ao interior deste produto. Todo o serviço deve ser realizado por técnicos qualificados.

● **CAUTION**

This product contains a low power laser device. To ensure continued safety do not remove any cover or attempt to gain access to the inside of the product. Refer all servicing to qualified personnel.

VÝSTRAHA: VÝROBEK JE VYBAVEN LASEREM. PŘI NESPRÁVNÉ MANIPULACI S PŘÍSTROJEM V ROZPORU S TÍMTO NÁVODEM MŮŽE DOJÍT K NEBEZPEČNÉMU OZÁŘENÍ. NEOTVÍREJTE A NESNÍMEJTE PRŮTO ŽÁDNÉ KRYTY A PŘÍSTROJ NEOPRAVUJTE. OPRAVU A SERVIS SVĚŘTE ODBORNÉMU SERVISU.

VÝSTRAHA: VÝROBEK JE VYBAVENÝ LASEROM. PRI NESPRÁVNOM MANIPULOVANÍ S PŘÍSTROJOM V ROZPORE S TÝMTO NÁVODEM MÔŽE DOJŤ K NEBEZPEČNÉMU OŽIARENÍU. NEODKRÝVAJTE PRETO ŽIADNE KRYTY A PŘÍSTROJ NEOPRAVUJTE. OPRAVU A SERVIS PRENECHAJTE ODBORNÉMU SERVISU.

Informationen zum Urheberrecht:

- Nicht genehmigte Reproduktion, Ausstrahlung, öffentliche Anzeige, Übertragung, öffentliche Aufführung und Standort (ob Gewinnerzielungsabsicht besteht oder nicht) des Inhalts der Disks sind gesetzlich verboten.
- Dieses System ist mit einer Kopierschutz-Technologie ausgestattet. Dies führt zu einer wesentlichen Verschlechterung der Bildqualität, wenn die Inhalte einer Disk auf eine Video-Kassette kopiert werden.

Kopierschutz:

Dieses Gerät unterstützt den Kopierschutz von Macrovision. Auf DVDs mit Kopierschutz-Schlüssel wird der Inhalt der DVD mit einem VCR kopiert. Das ist ein Kopierschutz-Schlüssel, der das Kopieren des Videos beim normalen Abspielen verhindert.

Das Gerät ist nach dem U.S. -Patent Nos patentiert. 4,631,603, 4,577,216, 4,819,098, und 4,907,093, nur für beschränkte Ansicht lizenziert.

Dieses Gerät ist mit der Technologie zum Urheberrechtsschutz ausgestattet. Diese ist mit bestimmten US Patenten und weiteren Rechten auf geistiges Eigentum der Macrovision Corporation und anderer patentiert.

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Die Änderung des Engineering oder die Demontage ist verboten.

Mit Lizenz hergestellt nach U.S. Patent Nr. 5,451,942; 5,956,674; 5,974,380; 5,978,762; 6,487,535 & weiteren in den USA und weltweit bestehenden und noch ausstehenden Patenten. DTS und DTS Digital Surround sind eingetragene Warenzeichen. DTS Logos und Symbol sind Warenzeichen der DTS, Inc. © 1996-2007 DTS, Inc. Alle Rechte vorbehalten.

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- Ce système est équipé d'une technologie de protection contre les copies qui cause une importante dégradation de l'image quand le contenu d'un disque est copié sur une vidéocassette.

Protection contre la copie:

Cet appareil supporte la protection de copie Macrovision. Sur les disques DVD qui comportent un code de protection contre la copie, si le contenu du disque DVD est copié à l'aide d'un magnétoscope, le code de protection contre la copie empêche la lecture normale de la cassette vidéo.

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- La copia, difusión, exposición pública, transmisión, interpretación pública y el alquiler (independientemente de si estas actividades tienen o no fines lucrativos) del contenido de los discos sin autorización están prohibidos por la ley.
- Este sistema está provisto de tecnología para protección contra copias que degrada de manera substancial las imágenes cuando se copia el contenido de un disco a una cinta de vídeo.

Protección contra copias:

Este aparato es compatible con la protección contra copias Macrovision.

En discos DVD que incluyen un código de protección contra copias, si se copia el contenido del disco DVD empleando una videogradora, el código de protección contra copias evita que la copia de la videocinta puedan reproducirse con normalidad.

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Se prohíben la manipulación indebida y el desmontaje.

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Upphovsrättsinformation:

- Otillåten kopiering, utsändning, allmän visning, överföring, allmän föreställning och uthyrning av skiv innehåll (oavsett om sådana aktiviteter är vinstgivande eller ej) är förbjudet enligt lag.
- Detta system är utrustat med kopieringsskyddsteknik som orsakar avsevärd bildförsämring då innehållet på en skiva kopieras till ett videoband.

Kopieringsskydd:

Denna enhet stöder Macrovisions kopieringsskydd.

På DVD-skivor som innehåller en kopieringsskyddskod, förhindrar kopieringsskyddskoden att videobandskopiering spelas upp normalt, om DVD-skivans innehåll kopierats med en videobandspelare.

Patentkrav för apparaturen av Patentnumren 4,631,603, 4,577,216, 4,819,098, och 4,907,093 i USA, licensierad för begränsade visningsanvändningar enbart.

Denna produkt innehåller upphovsrättsskyddsteknik som skyddas av metodanspråk i vissa patent i USA och rättigheterna till annan intellektuell egendom som innehas av Macrovision Corporation och andra innehavare av rättigheter.

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- La copia, la programmazione, l'esibizione pubblica, la trasmissione, la prestazione pubblica ed il noleggio (indipendentemente che si tratti di attività con o senza fini di lucro) dei contenuti del disco sono proibite dalla legge.
- Questo sistema è dotato di una tecnologia di protezione contro le riproduzioni che provoca sostanziali deterioramenti nella qualità delle immagini se il contenuto di un disco viene copiato su una videocassetta.

Protezione contro la Copia:

Questa unità supporta il sistema di protezione contro le copie Macrovision.

Nei dischi DVD che contengono un codice di protezione contro le copie, qualora il contenuto del disco DVD sia copiato usando un VCR, il codice di protezione contro le copie impedisce la normale riproduzione della copia su videocassetta.

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- Het niet-geautoriseerde kopiëren, in het openbaar weergeven, uitzenden, in het openbaar opvoeren en verhuren van diskinhouden is bij wet verboden, ongeacht of zulke activiteiten commercieel zijn of niet.
- Dit systeem is uitgerust met een beveiligingstechnologie, die de beeldkwaliteit wezenlijk verslechtert, wanneer de inhoud van een disk op videotape gekopieerd wordt.

Kopieerbeveiliging:

Dit apparaat ondersteunt Macrovision-kopieerbeveiliging. Wanneer de inhoud van DVD-disks, die een kopieerbeveiliging hebben, met een videorecorder gekopieerd wordt, verhindert deze kopieerbeveiliging, dat de videoband normaal afgespeeld kan worden.

Aanspraak op de inrichting van het toestel, voortvloeiend uit de (US) Amerikaanse patentnummers 4,631,603, 4,577,216, 4,819,098, en 4,907,093, uitsluitend toegelaten voor beperkt kijken.

In dit product is een beveiligingstechnologie geïntegreerd, die beschermd is door de aanspraak op de procedure, voortvloeiend uit bepaalde (US) Amerikaanse patenten en uit andere intellectuele eigendomsrechten van Macrovision Corporation en andere rechthebbende.

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- Este sistema está equipado com tecnologia de protecção contra cópia que causa a degradação substancial de imagens quando os conteúdos do disco são copiados para uma cassete vídeo.

Protecção contra cópia:

Esta unidade utiliza a protecção contra cópia de Macrovision. Nos discos DVD com código de protecção contra cópia, se o conteúdo do disco DVD for copiado através de VCR, o código de protecção contra cópia evita a reprodução normal da cópia da cassete vídeo.

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Copyright Information:

- Unauthorised copying, broadcast, public display, transmission, public performance and rental (regardless of whether or not such activities are for profit) of disc contents are prohibited by law.
- This system is equipped with copy protection technology that causes substantial degradation of images when the contents of a disc are copied to a video tape.

Copy Protection:

This unit supports Macrovision copy protection. On DVD discs that include a copy protection code, if the contents of the DVD disc are copied using a VCR, the copy protection code prevents the videotape copy from playing normally.

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Entsorgungsinformationen



Achtung: Ihr Produkt trägt dieses Symbol. Es besagt, dass Elektro- und Elektronikgeräte nicht mit dem Haushaltsmüll entsorgt, sondern einem getrennten Rücknahmesystem zugeführt werden sollten.

A. Entsorgungsinformationen für Benutzer aus Privathaushalten

1. In der Europäischen Union

Achtung: Werfen Sie dieses Gerät zur Entsorgung bitte nicht in den normalen Hausmüll!

Gemäß einer neuen EU-Richtlinie, die die ordnungsgemäße Rücknahme, Behandlung und Verwertung von gebrauchten Elektro- und Elektronikgeräten vorschreibt, müssen elektrische und elektronische Altgeräte getrennt entsorgt werden.

Nach der Einführung der Richtlinie in den EU-Mitgliedstaaten können Privathaushalte ihre gebrauchten Elektro- und Elektronikgeräte nun kostenlos an ausgewiesenen Rücknahmestellen abgeben*.

In einigen Ländern* können Sie Altgeräte u.U. auch kostenlos bei Ihrem Fachhändler abgeben, wenn Sie ein vergleichbares neues Gerät kaufen.

*) Weitere Einzelheiten erhalten Sie von Ihrer Gemeindeverwaltung.

Wenn Ihre gebrauchten Elektro- und Elektronikgeräte Batterien oder Akkus enthalten, sollten diese vorher entnommen und gemäß örtlich geltenden Regelungen getrennt entsorgt werden.

Durch die ordnungsgemäße Entsorgung tragen Sie dazu bei, dass Altgeräte angemessen gesammelt, behandelt und verwendet werden. Dies verhindert mögliche schädliche Auswirkungen auf Umwelt und Gesundheit durch eine unsachgemäße Entsorgung.

2. In anderen Ländern außerhalb der EU

Bitte erkundigen Sie sich bei Ihrer Gemeindeverwaltung nach dem ordnungsgemäßen Verfahren zur Entsorgung dieses Geräts.

Für die Schweiz: Gebrauchte Elektro- und Elektronikgeräte können kostenlos beim Händler abgegeben werden, auch wenn Sie kein neues Produkt kaufen. Weitere Rücknahmesysteme finden Sie auf der Homepage von www.swico.ch oder www.sens.ch.

B. Entsorgungsinformationen für gewerbliche Nutzer

1. In der Europäischen Union

Wenn Sie dieses Produkt für gewerbliche Zwecke genutzt haben und nun entsorgen möchten:

Bitte wenden Sie sich an Ihren SHARP Fachhändler, der Sie über die Rücknahme des Produkts informieren kann. Möglicherweise müssen Sie die Kosten für die Rücknahme und Verwertung tragen. Kleine Produkte (und kleine Mengen) können möglicherweise bei Ihrer örtlichen Rücknahmestelle abgegeben werden.

Für Spanien: Bitte wenden Sie sich an das vorhandene Rücknahmesystem oder Ihre Gemeindeverwaltung, wenn Sie Fragen zur Rücknahme Ihrer Altgeräte haben.

2. In anderen Ländern außerhalb der EU

Bitte erkundigen Sie sich bei Ihrer Gemeindeverwaltung nach dem ordnungsgemäßen Verfahren zur Entsorgung dieses Geräts.

Informations sur la mise au rebut correcte



Attention : votre produit comporte ce symbole. Il signifie que les produits électriques et électroniques usagés ne doivent pas être mélangés avec les déchets ménagers généraux. Un système de collecte séparé est prévu pour ces produits.

A. Informations sur la mise au rebut à l'intention des utilisateurs privés (ménages)

1. Au sein de l'Union européenne

Attention : si vous souhaitez mettre cet appareil au rebut, ne le jetez pas dans une poubelle ordinaire!

Les appareils électriques et électroniques usagés doivent être traités séparément et conformément aux lois en vigueur en matière de traitement, de récupération et de recyclage adéquats de ces appareils.

Suite à la mise en œuvre de ces dispositions dans les Etats membres, les ménages résidant au sein de l'Union européenne peuvent désormais ramener gratuitement* leurs appareils électriques et électroniques usagés sur des sites de collecte désignés.

Dans certains pays*, votre détaillant reprendra également gratuitement votre ancien produit si vous achetez un produit neuf similaire.

*) Veuillez contacter votre administration locale pour plus de renseignements.

Si votre appareil électrique ou électronique usagé comporte des piles ou des accumulateurs, veuillez les mettre séparément et préalablement au rebut conformément à la législation locale en vigueur.

En veillant à la mise au rebut correcte de ce produit, vous contribuerez à assurer le traitement, la récupération et le recyclage nécessaires de ces déchets, et préviendrez ainsi les effets néfastes potentiels de leur mauvaise gestion sur l'environnement et la santé humaine.

2. Pays hors de l'Union européenne

Si vous souhaitez mettre ce produit au rebut, veuillez contacter votre administration locale qui vous renseignera sur la méthode d'élimination correcte de cet appareil.

Suisse : les équipements électriques ou électroniques usagés peuvent être ramenés gratuitement au détaillant, même si vous n'achetez pas un nouvel appareil. Pour obtenir la liste des autres sites de collecte, veuillez vous reporter à la page d'accueil du site www.swico.ch ou www.sens.ch.

B. Informations sur la mise au rebut à l'intention des entreprises

1. Au sein de l'Union européenne

Si ce produit est utilisé dans le cadre des activités de votre entreprise et que vous souhaitez le mettre au rebut : Veuillez contacter votre revendeur SHARP qui vous informera des conditions de reprise du produit. Les frais de reprise et de recyclage pourront vous être facturés. Les produits de petite taille (et en petites quantités) pourront être repris par vos organisations de collecte locales.

Espagne : veuillez contacter l'organisation de collecte existante ou votre administration locale pour les modalités de reprise de vos produits usagés.

2. Pays hors de l'Union européenne

Si vous souhaitez mettre ce produit au rebut, veuillez contacter votre administration locale qui vous renseignera sur la méthode d'élimination correcte de cet appareil.

Información sobre la eliminación



Atención: su producto está marcado con este símbolo. Significa que los productos eléctricos y electrónicos usados no deberían mezclarse con los residuos domésticos generales. Existe un sistema de recogida independiente para estos productos.

A. Información sobre eliminación para usuarios particulares

1. En la Unión Europea

Atención: si quiere desechar este equipo, ¡por favor no utilice el cubo de la basura habitual!

Los equipos eléctricos y electrónicos usados deberían tratarse por separado de acuerdo con la legislación que requiere un tratamiento, una recuperación y un reciclaje adecuados de los equipos eléctricos y electrónicos usados. Tras la puesta en práctica por parte de los estados miembros, los hogares de particulares dentro de los estados de la Unión Europea pueden devolver sus equipos eléctricos y electrónicos a los centros de recogida designados sin coste alguno *.

En algunos países* es posible que también su vendedor local se lleve su viejo producto sin coste alguno si Ud. compra uno nuevo similar.

*) Por favor, póngase en contacto con su autoridad local para obtener más detalles.

Si sus equipos eléctricos o electrónicos usados tienen pilas o acumuladores, por favor deséchelos por separado con antelación según los requisitos locales.

Al desechar este producto correctamente, ayudará a asegurar que los residuos reciban el tratamiento, la recuperación y el reciclaje necesarios, previniendo de esta forma posibles efectos negativos en el medio ambiente y la salud humana que de otra forma podrían producirse debido a una manipulación de residuos inapropiada.

2. En otros países fuera de la Unión Europea

Si desea desechar este producto, por favor póngase en contacto con las autoridades locales y pregunte por el método de eliminación correcto.

Para Suiza: Los equipos eléctricos o electrónicos pueden devolverse al vendedor sin coste alguno, incluso si no compra ningún nuevo producto. Se puede encontrar una lista de otros centros de recogida en la página principal de www.swico.ch o www.sens.ch.

B. Información sobre Eliminación para empresas usuarias

1. En la Unión Europea

Si el producto se utiliza en una empresa y quiere desecharlo: Por favor póngase en contacto con su distribuidor SHARP, quien le informará sobre la recogida del producto. Puede ser que le cobren los costes de recogida y reciclaje. Puede ser que los productos de tamaño pequeño (y las cantidades pequeñas) sean recogidos por sus centros de recogida locales.

Para España: por favor, póngase en contacto con el sistema de recogida establecido o con las autoridades locales para la recogida de los productos usados.

2. En otros países fuera de la Unión Europea

Si desea desechar este producto, por favor póngase en contacto con sus autoridades locales y pregunte por el método de eliminación correcto.

Information om återvinning



OBS! Produkten är märkt med symbolen ovan. Denna symbol indikerar att elektroniska produkter inte ska kastas i det vanliga hushållsavfallet eftersom det finns ett separat avfallshanteringssystem för dem.

A. Information om återvinning av elektrisk utrustning för hushåll

1. EU-länder

OBS! Kasta inte denna produkt i soporna!

Förbrukad elektrisk utrustning måste hanteras i enlighet med gällande miljölagstiftning och återvinningsföreskrifter. I enlighet med gällande EU-regler ska hushåll ha möjlighet att lämna in elektrisk utrustning till återvinningsstationer utan kostnad.* I vissa länder* kan det även hända att man gratis kan lämna in gamla produkter till återförsäljaren när man köper en ny liknande enhet.

*) Kontakta kommunen för vidare information.

Om utrustningen innehåller batterier eller ackumulatorer ska dessa först avlägsnas och hanteras separat i enlighet med gällande miljöföreskrifter.

Genom att hantera produkten i enlighet med dessa föreskrifter kommer den att tas om hand och återvinnas på tillämpligt sätt, vilket förhindrar potentiella negativa hälso- och miljöeffekter.

2. Länder utanför EU

Kontakta de lokala myndigheterna och ta reda på gällande sorterings- och återvinningsföreskrifter om du behöver göra dig av med denna produkt.

B. Information om återvinning för företag

1. EU-länder

Gör så här om produkten ska kasseras:

Kontakta SHARPs återförsäljare för information om hur man går till väga för att lämna tillbaka produkten. Det kan hända att en avgift för transport och återvinning tillkommer. Mindre skrymmande produkter (om det rör sig om ett fåtal) kan eventuellt återlämnas till lokala återvinningsstationer.

2. Länder utanför EU

Kontakta de lokala myndigheterna och ta reda på gällande sorterings- och återvinningsföreskrifter om du behöver göra dig av med denna produkt.

Informazioni per un corretto smaltimento



Attenzione: Il dispositivo è contrassegnato da questo simbolo, che segnala di non smaltire le apparecchiature elettriche ed elettroniche insieme ai normali rifiuti domestici. Per tali prodotti è previsto un sistema di raccolta a parte.

A. Informazioni sullo smaltimento per gli utenti (privati)

1. Nell'Unione europea

Attenzione: Per smaltire il presente dispositivo, non utilizzare il normale bidone della spazzatura!

Le apparecchiature elettriche ed elettroniche usate devono essere gestite a parte e in conformità alla legislazione che richiede il trattamento, il recupero e il riciclaggio adeguato dei suddetti prodotti.

In seguito alle disposizioni attuate dagli Stati membri, i privati residenti nella UE possono conferire gratuitamente le apparecchiature elettriche ed elettroniche usate a centri di raccolta designati*.

In alcuni paesi*, anche il rivenditore locale può ritirare gratuitamente il vecchio prodotto se l'utente acquista un altro nuovo di tipologia simile.

*) Per maggiori informazioni si prega di contattare l'autorità locale competente.

Se le apparecchiature elettriche o elettroniche usate hanno batterie o accumulatori, l'utente dovrà smaltirli a parte preventivamente in conformità alle disposizioni locali. Lo smaltimento corretto del presente prodotto contribuirà a garantire che i rifiuti siano sottoposti al trattamento, al recupero e al riciclaggio necessari prevenendone il potenziale impatto negativo sull'ambiente e sulla salute umana, che potrebbe derivare da un'inadeguata gestione dei rifiuti.

2. In paesi che non fanno parte dell'UE

Se si desidera eliminare il presente prodotto, contattare le autorità locali e informarsi sul metodo di smaltimento corretto.

Per la Svizzera: Le apparecchiature elettriche o elettroniche usate possono essere restituite gratuitamente al rivenditore, anche se non si acquista un prodotto nuovo. Altri centri di raccolta sono elencati sulle homepage di www.swico.ch o di www.sens.ch.

B. Informazioni sullo smaltimento per gli utenti commerciali

1. Nell'Unione europea

Se il prodotto è impiegato a scopi commerciali, procedere come segue per eliminarlo.

Contattare il proprio rivenditore SHARP che fornirà informazioni circa il ritiro del prodotto. Potrebbero essere addebitate le spese di ritiro e riciclaggio. Prodotti piccoli (e quantitativi ridotti) potranno essere ritirati anche dai centri di raccolta locali.

Per la Spagna: Contattare il sistema di raccolta ufficiale o l'ente locale preposto al ritiro dei prodotti usati.

2. In paesi che non fanno parte dell'UE

Se si desidera eliminare il presente prodotto, contattare le autorità locali e informarsi sul metodo di smaltimento corretto.

Informatie over verantwoorde verwijdering



Let op: Uw product is van dit merkteken voorzien. Dit betekent dat afgedankte elektrische en elektronische apparatuur niet samen met het normale huisafval mogen worden weggegooid. Er bestaat een afzonderlijk inzamelingsstelsel voor deze producten.

A. Informatie over afvalverwijdering voor gebruikers (particuliere huishoudens)

1. In de Europese Unie

Let op: Deze apparatuur niet samen met het normale huisafval weggooien!

Afgedankte elektrische en elektronische apparatuur moet gescheiden worden ingezameld conform de wetgeving inzake de verantwoorde verwerking, terugwinning en recycling van afgedankte elektrische en elektronische apparatuur.

Na de invoering van de wet door de lidstaten mogen particuliere huishoudens in de lidstaten van de Europese Unie hun afgedankte elektrische en elektronische apparatuur kosteloos* naar hiertoe aangewezen inzamelingsinrichtingen brengen*.

In sommige landen* kunt u bij de aanschaf van een nieuw apparaat het oude product kosteloos bij uw lokale distributeur inleveren.

*) Neem contact op met de plaatselijke autoriteiten voor verdere informatie.

Als uw elektrische of elektronische apparatuur batterijen of accumulators bevat dan moet u deze afzonderlijk conform de plaatselijke voorschriften weggooien.

Door dit product op een verantwoorde manier weg te gooien, zorgt u ervoor dat het afval de juiste verwerking, terugwinning en recycling ondergaat en potentiële negatieve effecten op het milieu en de menselijke gezondheid worden voorkomen die anders zouden ontstaan door het verkeerd verwerken van het afval.

2. In andere landen buiten de Europese Unie

Als u dit product wilt weggooien, neem dan contact op met de plaatselijke autoriteiten voor informatie omtrent de juiste verwijderingsprocedure.

Voor Zwitserland: U kunt afgedankte elektrische en elektronische apparatuur kosteloos bij de distributeur inleveren, zelfs als u geen nieuw product koopt. Aanvullende inzamelingsinrichtingen zijn vermeld op de startpagina van www.swico.ch of www.sens.ch.

B. Informatie over afvalverwijdering voor bedrijven

1. In de Europese Unie

Als u het product voor zakelijke doeleinden heeft gebruikt en als u dit wilt weggooien:

Neem contact op met uw SHARP distributeur die u inlichtingen verschaft over de terugname van het product. Het kan zijn dat u een afvalverwijderingsbijdrage voor de terugname en recycling moet betalen. Kleine producten (en kleine hoeveelheden) kunnen door de lokale inzamelingsinrichtingen worden verwerkt.

Voor Spanje: Neem contact op met de inzamelingsinrichting of de lokale autoriteiten voor de terugname van uw afgedankte producten.

2. In andere landen buiten de Europese Unie

Als u dit product wilt weggooien, neem dan contact op met de plaatselijke autoriteiten voor informatie omtrent de juiste verwijderingsprocedure.

Informação sobre Eliminação de Produtos



Atenção: O seu produto está identificado com este símbolo. Significa que os produtos eléctricos e electrónicos não devem ser misturados com o lixo doméstico comum. Existe um sistema de recolhas específico para estes produtos.

A. Informações sobre a Eliminação de Produtos para os Utilizadores (particulares)

1. Na União Europeia

Atenção: Se quiser eliminar este equipamento, não o deve fazer juntamente com o lixo doméstico comum!

O equipamento eléctrico e electrónico deve ser tratado separadamente e ao abrigo da legislação aplicável que obriga a um tratamento, recuperação e reciclagem adequados de equipamentos eléctricos e electrónicos usados.

Após a implementação desta legislação por parte dos Estados-membros, todos os cidadãos residentes na União Europeia poderão entregar o seu equipamento eléctrico e electrónico usado em estações de recolha específicas a título gratuito*.

Em alguns países* o seu revendedor local também pode recolher o seu equipamento usado a título gratuito na compra de um novo equipamento.

*) Contacte as entidades locais para mais informações.

Se o seu equipamento eléctrico e electrónico usado funcionar a pilhas ou baterias, deverá eliminá-las em separado, conforme a legislação local, e antes de entregar o seu equipamento.

Ao eliminar este produto correctamente estará a contribuir para que o lixo seja submetido aos processos de tratamento, recuperação e reciclagem adequados. Desta forma é possível evitar os efeitos nocivos que o tratamento inadequado do lixo poderia provocar no ambiente e na saúde.

2. Em outros Países fora da UE

Se quiser eliminar este produto, contacte as entidades locais e informe-se sobre o método correcto para proceder à sua eliminação.

Na Suíça: O equipamento eléctrico e electrónico é aceite, a título gratuito, em qualquer revendedor, mesmo que não tenha adquirido um novo produto. Poderá encontrar uma lista das estações de recolha destes equipamentos na página da Web www.swicho.ch ou www.sens.ch.

B. Informações sobre a Eliminação de Produtos para Utilizadores-Empresas

1. Na União Europeia

Se o produto for usado para fins comerciais e quiser eliminá-lo:

Contacte o seu revendedor SHARP que irá informá-lo sobre a melhor forma de eliminar o produto. Poderá ter de pagar as despesas resultantes da recolha e reciclagem do produto. Alguns produtos mais pequenos (e em pequenas quantidades) poderão ser recolhidos pelas estações locais.

Na Espanha: Contacte o sistema de recolhas público ou as entidades locais para mais informações sobre a recolha de produtos usados.

2. Em outros Países fora da UE

Se quiser eliminar este produto, contacte as entidades locais e informe-se sobre o método correcto para proceder à sua eliminação.

Information on Proper Disposal



Attention: Your product is marked with this symbol. It means that used electrical and electronic products should not be mixed with general household waste. There is a separate collection system for these products.

A. Information on Disposal for Users (private households)

1. In the European Union

Attention: If you want to dispose of this equipment, please do not use the ordinary dust bin!

Used electrical and electronic equipment must be treated separately and in accordance with legislation that requires proper treatment, recovery and recycling of used electrical and electronic equipment.

Following the implementation by member states, private households within the EU states may return their used electrical and electronic equipment to designated collection facilities free of charge*. In some countries* your local retailer may also take back your old product free of charge if you purchase a similar new one.

*) Please contact your local authority for further details.

If you used electrical or electronic equipment has batteries or accumulators, please dispose of these separately beforehand according to local requirements.

By disposing of this product correctly you will help ensure that the waste undergoes the necessary treatment, recovery and recycling and thus prevent potential negative effects on the environment and human health which could otherwise arise due to inappropriate waste handling.

2. In other Countries outside the EU

If you wish to discard this product, please contact your local authorities and ask for the correct method of disposal.

For Switzerland: Used electrical or electronic equipment can be returned free of charge to the dealer, even if you don't purchase a new product. Further collection facilities are listed on the homepage of www.swico.ch or www.sens.ch.

B. Information on Disposal for Business Users

1. In the European Union

If the product is used for business purposes and you want to discard it:

Please contact your SHARP dealer who will inform you about the take-back of the product. You might be charged for the costs arising from take-back and recycling. Small products (and small amounts) might be taken back by your local collection facilities.

For Spain: Please contact the established collection system or your local authority for take-back of your used products.

2. In other Countries outside the EU

If you wish to discard of this product, please contact your local authorities and ask for the correct method of disposal.

Introduction

Thank you for purchasing this SHARP product. To obtain the best performance from this product, please read this manual carefully. It will guide you in operating your SHARP product.

This manual contains two different home cinema systems, and may not be available in all countries.

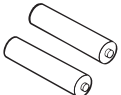
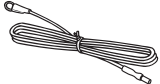
- HT-DV40H DVD Cinema consisting of HT-DV40H (main unit), CP-DV40H (speaker) and CP-SW40H (subwoofer system).
- HT-DV50H DVD Cinema consisting of HT-DV50H (main unit), CP-DV50H (speaker) and CP-SW40H (subwoofer system).

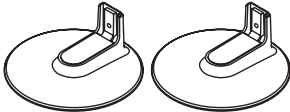
Special Note

Supply of this product does not convey a license nor imply any right to distribute content created with this product in revenue-generating broadcast systems (terrestrial, satellite, cable and/or other distribution channels), revenue-generating streaming applications (via Internet, intranets and/or other networks), other revenue-generating content distribution systems (pay-audio or audio-on-demand applications and the like) or on revenue-generating physical media (compact discs, digital versatile discs, semiconductor chips, hard drives, memory cards and the like). An independent license for such use is required. For details, please visit <http://mp3licensing.com>. MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson.

Accessories

Please confirm that the following accessories are included.

 Remote control × 1	 “AA” size batteries (UM/SUM-3, R6, HP-7 or similar) × 2
 FM aerial × 1	 USB cable × 1

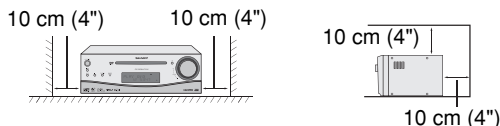
			
HDMI cable × 1			
			
Cleaning cloth × 1		Subwoofer wire × 1	
			
Stands × 2		Stand covers × 2	Deco back covers × 2
			
Special screws × 4	Flush screws × 2	Pattern paper × 1	Speaker wires × 2
CP-DV40H			
			
Screws × 4		Washer screws × 6	
CP-DV50U			

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Precautions

■ General

- Please ensure that the equipment is positioned in a well-ventilated area and ensure that there is at least 10 cm (4") of free space along the sides, top and back of the equipment.



- Do not place subwoofer system on the same surface as main unit to prevent sound interruption during playback.
- Use the unit on a firm, level surface free from vibration.
- Keep the unit away from direct sunlight, strong magnetic fields, excessive dust, humidity and electronic/electrical equipment (home computers, facsimiles, etc.) which generate electrical noise.
- Do not place anything on top of the unit.
- Do not expose the unit to moisture, to temperatures higher than 60°C (140°F) or to extremely low temperatures.
- If your system does not work properly, disconnect the AC power lead from the wall socket. Plug the AC power lead back in, and then turn on your system.
- In case of an electrical storm, unplug the unit for safety.
- Hold the AC power plug by the head when removing it from the wall socket, as pulling the lead can damage internal wires.
- The AC power plug is used as a disconnect device and shall always remain readily operable.
- **Do not remove the outer cover, as this may result in electric shock. Refer internal service to your local SHARP service facility.**
- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, tablecloths, curtains, etc.

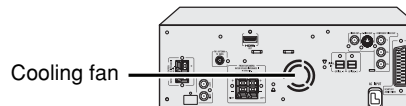
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- Attention should be drawn to the environmental aspects of battery disposal.
- This unit should only be used within the range of 5°C - 35°C (41°F - 95°F).
- The apparatus is designed for use in moderate climates.

Warning:

The voltage used must be the same as that specified on this unit. Using this product with a higher voltage other than that which is specified is dangerous and may result in a fire or other type of accident causing damage. SHARP will not be held responsible for any damage resulting from use of this unit with a voltage other than that which is specified.

■ Cooling fan

This unit is fitted with a cooling fan at the rear for improved cooling. Do not cover the opening in this section with any obstacles.



Caution:

The unit will get warm whilst being used. Do not touch the warm areas of the unit for prolonged periods to avoid injury.

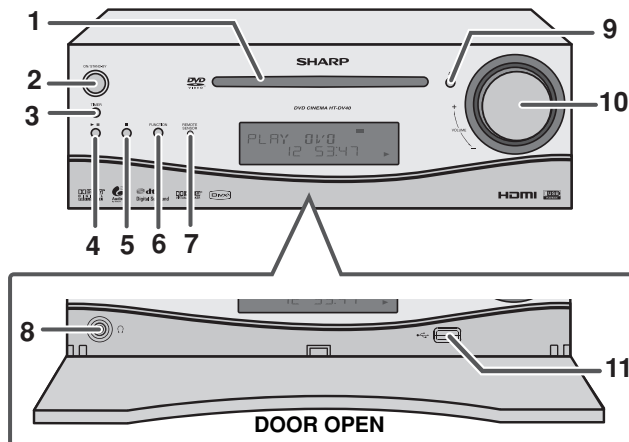
■ Volume control

The sound level at a given volume setting depends on speaker efficiency, location, and various other factors. It is advisable to avoid exposure to high volume levels. Do not turn the volume on to full at switch on. Listen to music at moderate levels. Excessive sound pressure from earphones and headphones can cause hearing loss.

Controls and indicators

HT-DV40H
HT-DV50H

ENGLISH

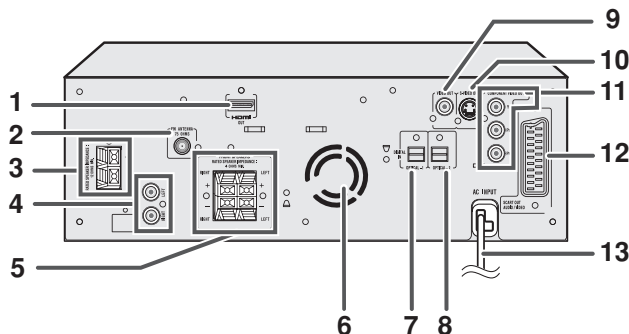


■ Front panel

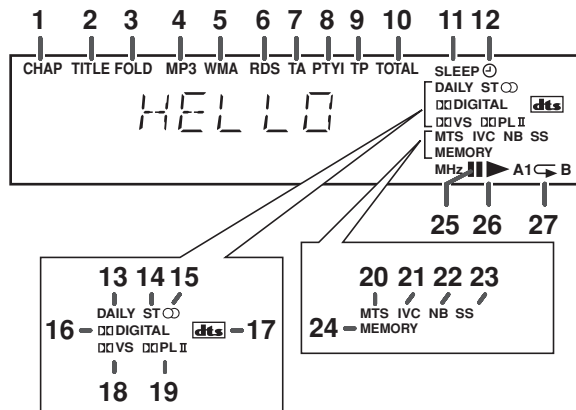
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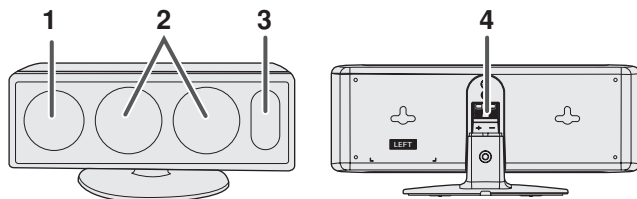
Controls and indicators (continued)



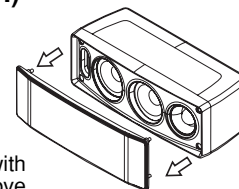
■ Display

Reference page

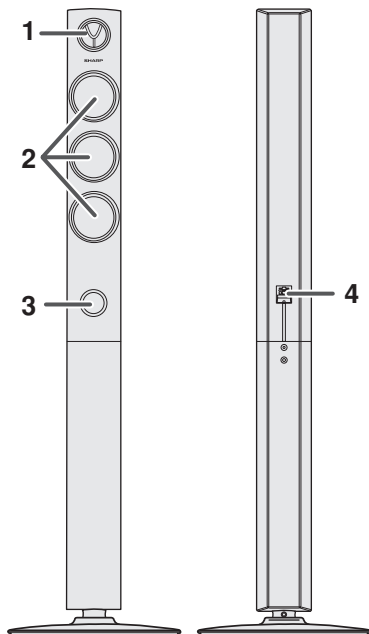
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CP-DV40H**■ Speaker system (CP-DV40H)**

1. Tweeter
2. Woofers
3. Bass Reflex Duct
4. Speaker Terminals

**Speaker grilles are removable:**

Make sure nothing comes into contact with the speaker diaphragms when you remove the speaker grilles.

CP-DV50H**■ Speaker system (CP-DV50H)**

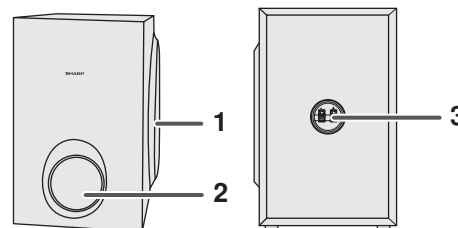
1. Tweeter
2. Woofers
3. Bass Reflex Duct
4. Speaker Terminals

Speaker grilles are not removable.

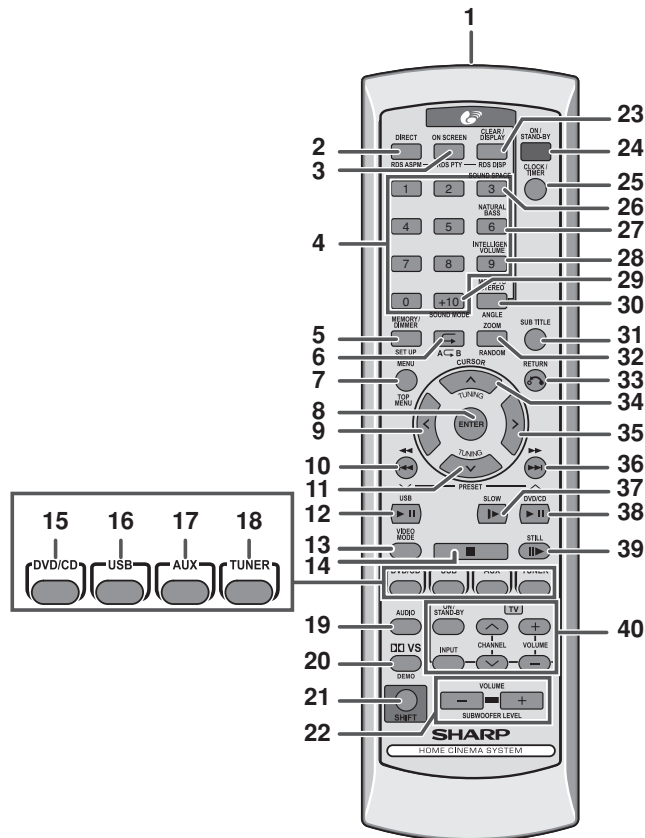
■ Subwoofer (CP-SW40H)

1. Subwoofer
2. Bass Reflex Duct
3. Speaker Terminals

Subwoofer grilles are not removable.



Controls and indicators (continued)



■ Remote control

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33. Return Button	34
34. Tuning Up or Cursor Up Button	21, 34, 40, 41, 47, 50

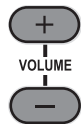
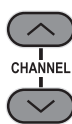
35. Cursor Right Button	21, 34, 38, 40, 41, 46, 47, 48
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■ Remote control with shift button

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28. Intelligent Volume Button	31, 32, 33
29. Sound Mode Button	31
30. Mono to Stereo Button.....	31, 32, 33
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TV Operation Buttons (Only SHARP TV):

On/Stand-by Button 	Set the TV power to "ON" or "STAND-BY".	Input Select Button (TV) 	Press the button to switch the input source.
Volume Up and Down Buttons 	Turn up/down the TV volume.	Channel Up and Down Buttons 	Switch up/down the TV channels.

Note:

Some models of SHARP TV may not be operable.

Description of discs

■ Types of playable discs

The DVD player can play back discs bearing any of the following marks:

Disc type	Disc contents
DVD Video Disc 	Audio and video (movies)
DVD-R  Disc recorded in Video Mode (*1)(*2)	Audio and video (movies)
DVD-RW  Disc recorded in Video Mode (*2)	Audio and video (movies)
Audio CD 	Audio
CD-R/CD-RW (*1)(*2)  Or CD-R/CD-RW recorded in JPEG format (*3) (*4)	Audio and picture
DivX® Video disc (Ver 6 and below) 	Audio and video (movies)

(*1): Playability depends on recording device or disc condition (special disc, scratches, dirt or dirt on pick up).

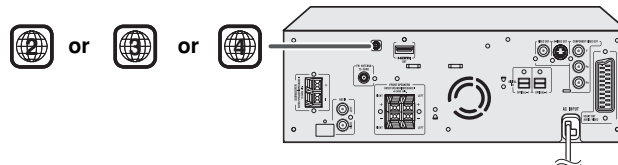
(*2): The DVD-R/DVD-RW/CD-R/CD-RW may not be played back properly depending on the recording equipment or the disc.

(*3): JPEG or JPG picture discs are also playable on this unit. However, pictures may not be clear (depends on resolution and recording method).

(*4): If the file size is larger than 10 Mb, it will take some time for the file to be displayed.

- For unplayable discs, see page 10.

Types of playable DVD discs vary depending on the region. This unit can play back only DVDs with the same region number written on the back of the unit.



Icons used in this operation manual

Some functions may not be available depending on discs. The following icons indicate the discs that can be used in the section.

-  ... Indicates DVDs.
-  ... Indicates audio CDs.
-  ... Indicates CD-R/RW with MP3 recording.
-  ... Indicates CD-R/RW with WMA recording.
-  ... Indicates CD-R/RW with JPEG recording.
-  ... Indicates CD-R/RW with DivX® recording.

- Some operations may not be performed depending on discs even if they are described in this manual.
- During operation, "INVALID KEY" may be displayed on the screen. This means that the operations described in this manual are prohibited by the disc.

■ Discs that cannot be played

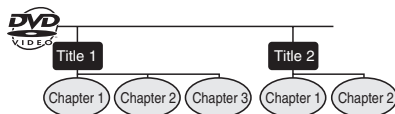
- DVDs without the region number on the back of the unit.
 - DVDs with SECAM system
 - DVD-ROM
 - DVD-RAM
 - DVD-Audio
 - CDG
 - CDV
 - Photo CD
 - CD-ROM
 - SACD
 - Discs recorded in special formats, etc.
 - DVD+R
 - DVD+RW
- The discs above cannot be played at all, or no sound is heard although images appear on the screen or vice versa.
 - Incorrect operation may damage the speakers and can have an adverse effect on your hearing when played at high volume settings.
 - You cannot play illegally produced discs.

Notes:

- A disc which has scratches or fingerprints may not play properly. Refer to "Care of compact discs" (page 64) and clean the disc.
- Do not play discs of special shapes (heart or octagon shaped) as they can be ejected whilst rotating and cause injury.

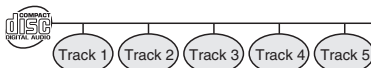
■ Title, chapter and track

DVDs are divided into "titles" and "chapters". If the disc has more than one movie on it, each movie is a separate "title". "Chapters" are subdivisions of titles.



Audio CDs consist of "tracks".

A "track" is each tune on an audio CD.



Note:

Title, chapter, or track numbers may not be recorded on some discs.

■ DivX®

- Official DivX Certified™ product
- Plays all versions of DivX® video (including DivX® 6) with standard playback of DivX® media files. (DivX version cannot be upgraded on this product.)



■ Icons used on DVD discs

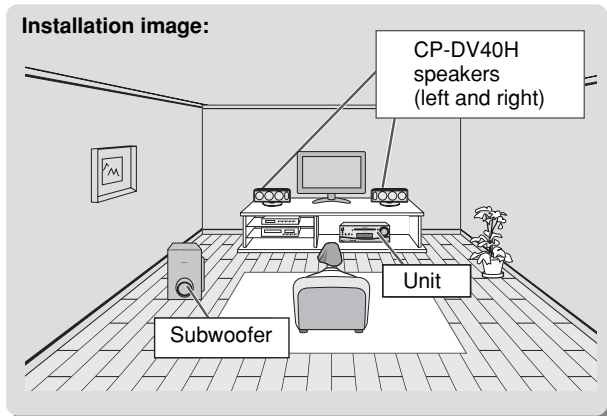
Check the icons on the DVD case before playing your discs.

Display	Description
Region number (playable area number) 	DVD discs are programmed with region numbers indicating countries in which they can be played. This system can play discs with region number on the back of the unit.
Format recorded on the DVD 	To adopt the video format to the connected TVs ("wide-screen TV" or "4:3 size TV").
Recorded in 4:3.	
	You can enjoy wide images on a wide-screen TV and letterbox size images on the 4:3 size TV.
	You can enjoy wide images on a wide-screen TV and 4:3 images with the side edges cut on the 4:3 size TV.
Type of subtitles recorded Example: 1: English 2: French	Recorded subtitle languages. Language can be selected with the SUBTITLE button.
Number of camera angles 	Number of angles recorded on the DVD. Angles can be selected with the ANGLE button.
Number of audio tracks and audio recording systems Example: 1: Original <English> (Dolby Digital 2 Surround) 2: English (Dolby Digital 5.1 Surround)	The number of audio tracks and audio recording systems are indicated. ● The audio recorded on the DVD can be switched by using the AUDIO button. ● The number of audio tracks and recording systems vary depending on the DVD. Check them in the DVD's manual.

System installation

HT-DV40H

Installation image:



■ Magnetically shielded speakers

The speakers can be placed beside or near the TV as they are magnetically shielded. However, uneven colours may appear on the screen depending on the type of TV.

If colour variation occurs:

Turn off the TV (from the power switch). After 15 - 30 minutes, turn the TV on again.

If the colour variation is still present:

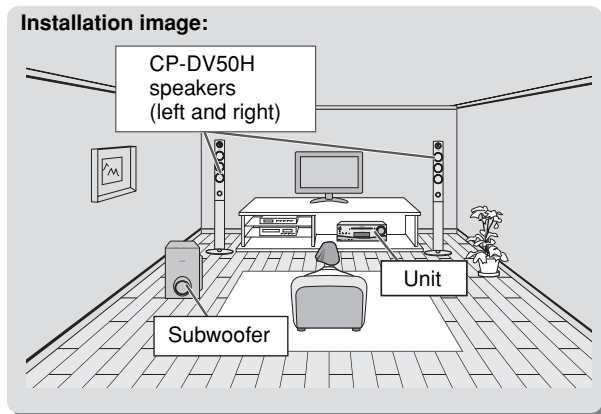
Move the speakers further away from the TV. Refer to the operation manual of the TV for details.

Note:

The speakers and subwoofer are magnetically shielded.

HT-DV50H

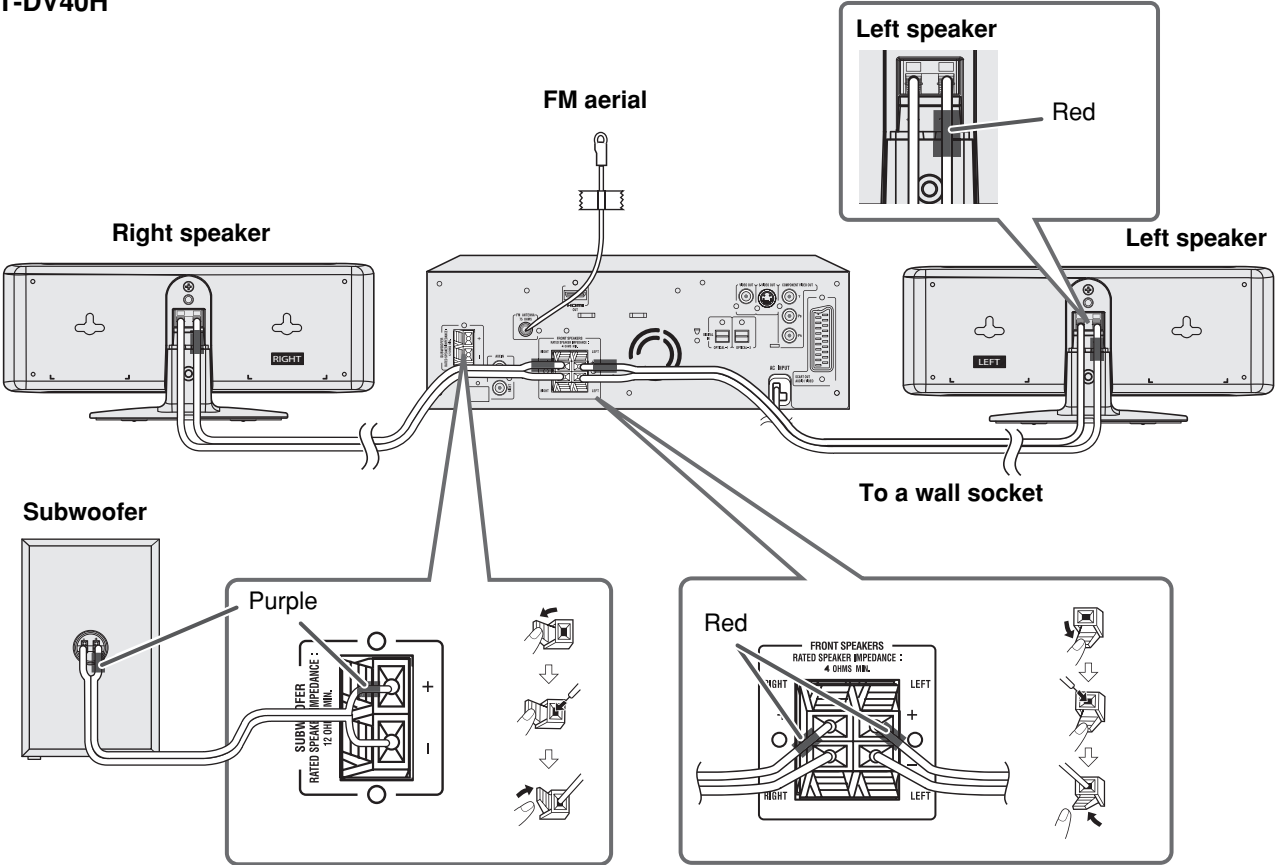
Installation image:



System connections

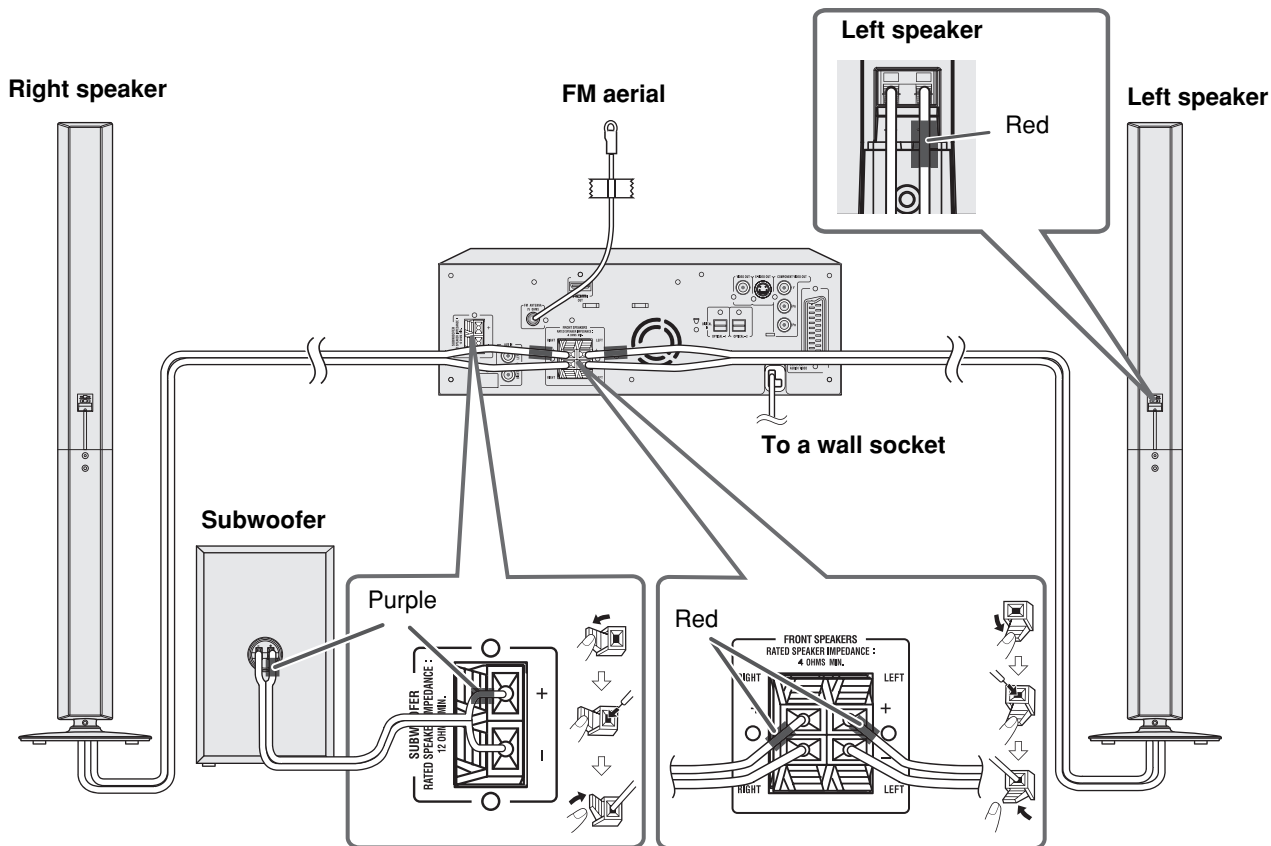
Make sure to unplug the AC power lead before making any connections.

HT-DV40H



System connections (continued)

HT-DV50H

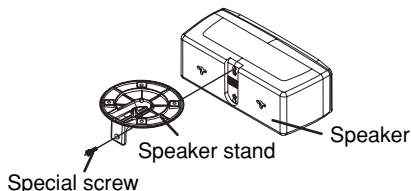


Make sure to leave the AC power lead disconnected when connecting the speakers.

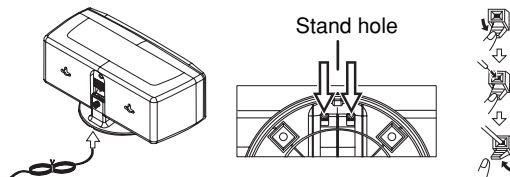
To prevent accidental short circuits between + and - terminals, connect the speaker wires to the speakers first, then to the unit.

■ CP-DV40H**To install the speaker stand**

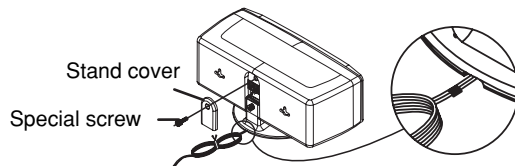
- 1 Align the hole on the speaker stand to the hole on speaker. Fix them securely with the special screw.



- 2 Route the speaker wire through the speaker stand hole. Connect the wire without insulation tube to the speaker minus (-) terminal, and the wire with red insulation tube to the speaker plus (+) terminal.



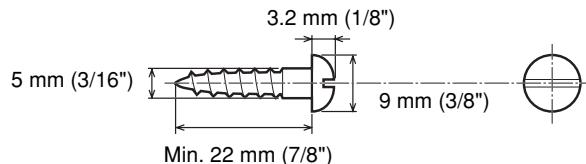
- 3 Connect the other end to the main unit.
- 4 Attach the stand cover.

**To mount the speakers on the wall****Caution:**

- Be very careful to prevent the speaker [2.1kg (4.6 lbs.)] from falling when mounting on the wall.
- Before mounting, check the wall strength. (Do not put on the veneer plaster or whitewashed wall. The speakers may fall.) If unsure, consult a qualified service technician.
- Mounting screws are not supplied. Use appropriate ones.
- Check all mounting screws for looseness and that they are engaged in the speakers.
- Mount the speakers on the wall using 2 screws each for horizontal position and using 1 screw each for vertical position.
- Select a good location. If not, accidents may occur or the speaker may get damaged.
- Avoid placing on a bed, sofa, water tank, sink and hallway wall.
- To avoid accidents, fix the speaker wires to the wall. You may trip over them.
- SHARP is not responsible for accidents resulting from improper installation.

■ Driving screws

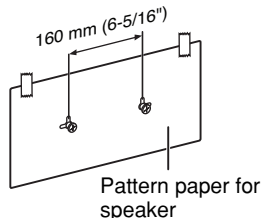
SHARP designed the speakers so you may hang them on the wall. Use proper screws (not supplied). See below for size and type.



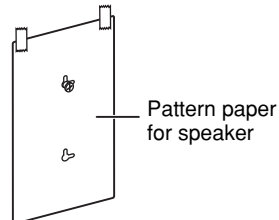
System connections (continued)

- 1 Horizontal position** : Fix the pattern paper and fix two screws into the wall with a distance of 160 mm (6-5/16") in between.
- Vertical position** : Fix the pattern paper and screws into the wall.

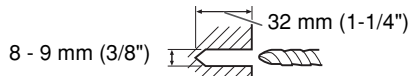
(Horizontal position)



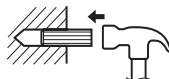
(Vertical position)



- 2 Make a hole in the wall using a drill.**

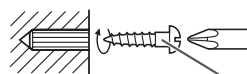


- 3 Fix a wall mount plug into the hole using a hammer, until it is flush with the wall surface.**



- 4 Fix screws into the wall for the speaker, as shown in the illustration.**

- Make sure that the screw and the wall can support a load of 20 kg (45 lbs).
- Fix the screws, so the screw head extends about 5.5 mm (7/32") from the wall.



Wall surface

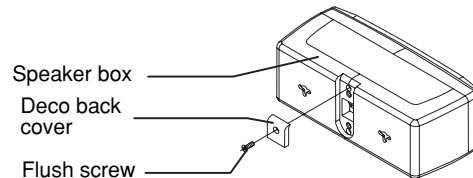
Wall mounting screw



Wall surface

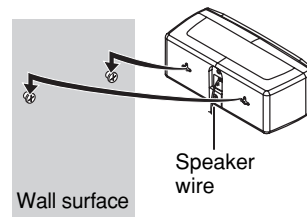
■ Installing the speakers

- 1 Align the deco back cover to the hole on the speaker. Fix them securely with the flush screw.**

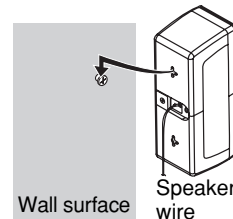


- 2 Tighten the screws and remove the paper. Hook the speaker on the screw heads and make sure it is properly secured.**

(Horizontal position)

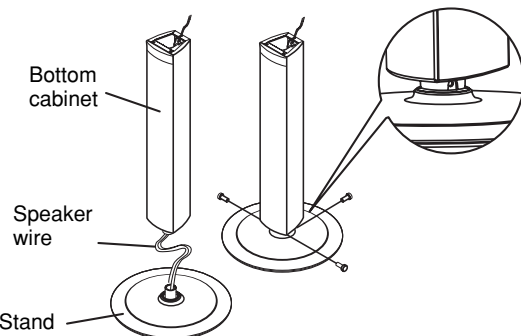


(Vertical position)

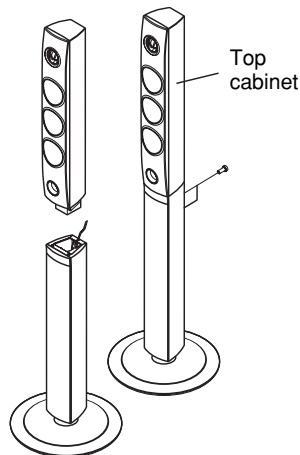


■ CP-DV50H

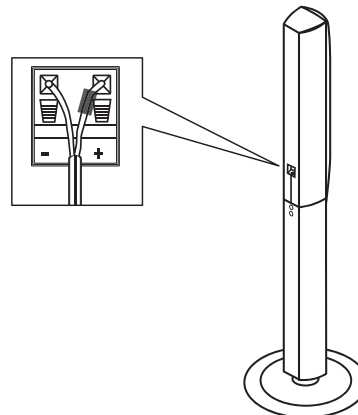
- 1 Route the speaker wire through a stand hole and attach the bottom cabinet to stand.
- 2 Fix them securely with the supplied washer 3 screws.



- 3 Attach the top cabinet to bottom cabinet and fix them securely with the supplied 2 screws.



- 4 Connect the wire without insulation tube to the speakers minus (-) terminal, and the wire with red insulation tube to the speakers plus (+) terminal.



- 5 Connect the other end of speaker wire to the main unit.

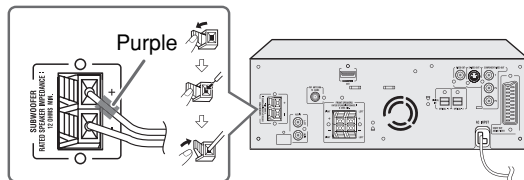
Warning:

- Fix the speaker stand properly according to this manual. Improper fixing may cause speaker to fall leading to injury or breakage.
- To ensure a proper fixing, contact your dealer or installer.
- During fixing, be careful not to pinch your fingers.
- Do not modify or change the stand. It may cause the speaker to fall leading to injury or breakage.

System connections (continued)

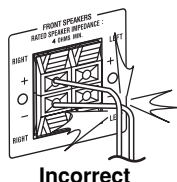
■ Subwoofer

- 1 Connect the wire without insulation tube to the SUBWOOFER minus (-) terminal, and the wire with purple insulation tube to the SUBWOOFER plus (+) terminal.



Caution:

- Never mistake the FRONT SPEAKERS and the SUBWOOFER terminals. The unit or the speakers may be damaged.
- If you use other speakers with an impedance lower than that specified, the unit may be damaged. Front speakers: 4 ohms, Subwoofer: 12 ohms.
- Do not mistake the right and the left channels. The right speaker is the one on the right side when you face the unit.
- **Do not let the bare speaker wires touch each other.**
- Do not allow any objects to fall into or to be placed in the bass reflex duct.
- Do not stand or sit on the subwoofer/speakers. You may be injured.



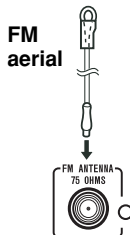
■ Aerial connection

Supplied FM aerial:

Connect the FM aerial wire to the FM 75 OHMS socket and position the FM aerial wire in the direction where the strongest signal can be received.

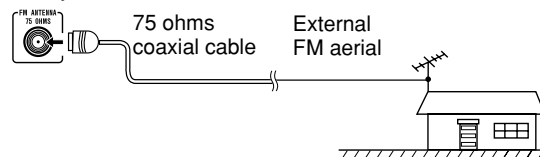
Note:

Placing the aerial on the unit or near the AC power lead may cause noise pickup. Place the aerial away from the unit for better reception.



■ External FM aerial

Use an external FM aerial if you require better reception. Consult your dealer.

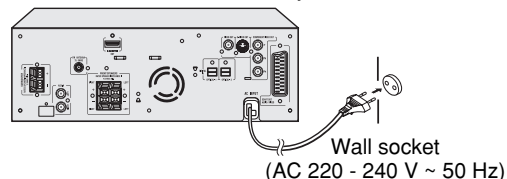


Note:

When an external FM aerial is used, disconnect the supplied FM aerial wire.

■ AC power connection

After checking all the connections have been made correctly, plug the AC power lead of this unit into the wall socket. If you plug in the unit first, the unit will enter the stand-by mode.



Note:

Unplug the AC power lead from the wall socket if the unit will not be in use for a prolonged period of time.

■ Demonstration mode

The first time the unit is plugged in, the unit will enter the demonstration mode. You will see words scroll.

To cancel the demonstration mode:

When the unit is in the power stand-by mode (demonstration mode), press the SHIFT and DEMO buttons on the remote control. The unit will enter the low power consumption mode.

To return to the demonstration mode:

When the unit is in the power stand-by mode, press the SHIFT and DEMO buttons on the remote control again.

HELLO

Connecting to a conventional TV/monitor

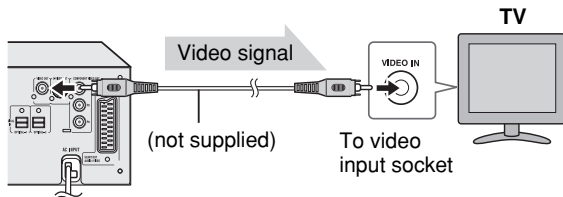
HT-DV40H
HT-DV50H

ENGLISH

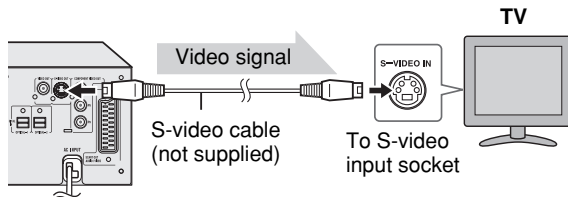
Caution:

Turn off all other equipment before making connections.

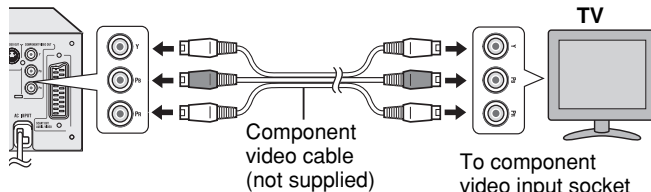
- If the TV/monitor has video input, connect it to the VIDEO OUT socket on the rear of the unit.



- If the TV/monitor has S-video input, connect it to the S-VIDEO OUT socket on the rear of the unit.



- If the TV/monitor has component video input, connect it to the COMPONENT VIDEO OUT socket on the rear of the unit.



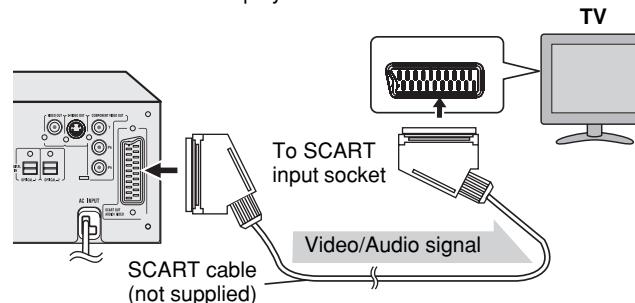
Notes:

- Change the TV input in accordance with the connected socket.
- Do not connect other equipment between the TV and this unit. If they are connected via a VCR, pictures may be distorted.
- If your TV has different indications for the component video inputs (Y, CB and CR or Y, B-Y and P-Y), connect sockets with its matching colour.
- Do not connect to a component video input socket designed for the high-vision system, which is not DVD-compatible (the images may be distorted or not appear).

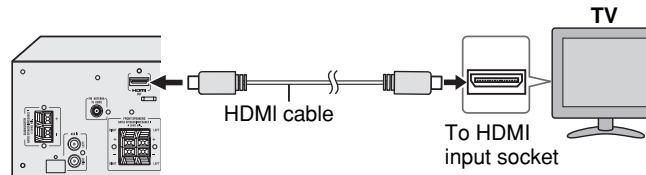
- If the TV/monitor has scart input, connect it to the SCART OUT socket on the rear of the unit. (Do not connect the SCART cable to equipment other than the TV/monitor)

To select SCART function:

- On main unit: Press FUNCTION button repeatedly until SCART is displayed.
- On remote control: Press AUX button repeatedly until SCART is displayed.



- If the TV/monitor has HDMI input, connect it to the HDMI socket on the rear of the unit.



Audio connection to other equipment

You can hear the sound of other equipment via this product. Connect the DVD player, VCR or digital tuner to a TV directly to receive the images (refer to the operation manual of each equipment).

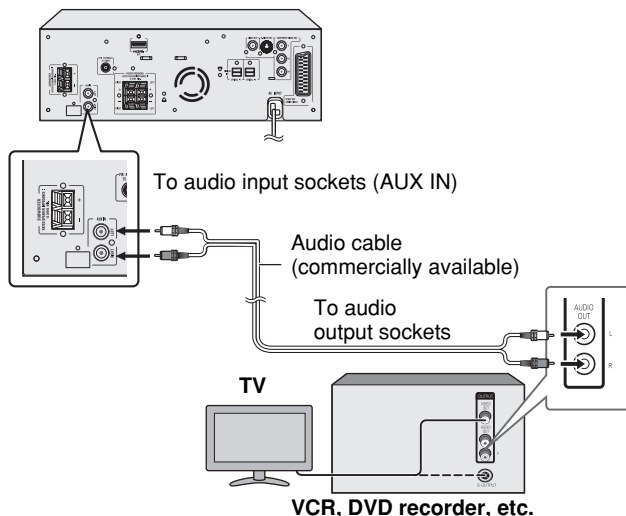
Caution:

Turn off the other equipment before making this connection.

■ Connection for the analogue sound (VCR, etc.)

To select AUX function:

- On main unit: Press FUNCTION button repeatedly until AUX is displayed.
- On remote control: Press AUX button repeatedly until AUX is displayed.

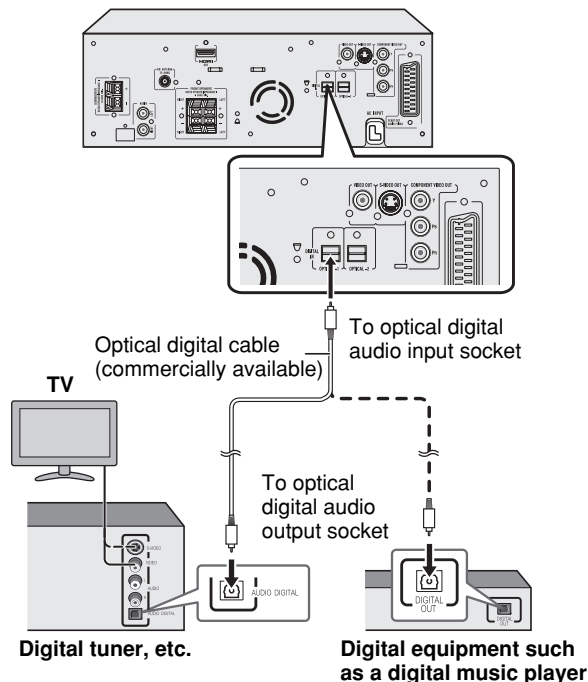


■ Connection for the digital tuner sound (or other optical digital equipment such as an MD player)

If the digital equipment has an optical output socket, you can enjoy better sound by connecting it to the optical digital input socket of the main unit using the optical digital cable.

To select OPTICAL 1 or OPTICAL 2 function:

- On main unit: Press FUNCTION button repeatedly until OPTICAL 1 or OPTICAL 2 is displayed.
- On remote control: Press AUX button repeatedly until OPTICAL 1 or OPTICAL 2 is displayed.



Remote control

HT-DV40H
HT-DV50H

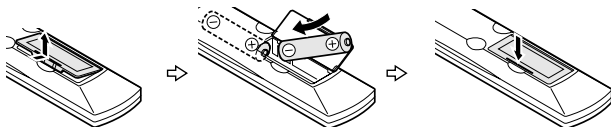
ENGLISH

■ Battery installation

- 1 Open the battery cover.
- 2 Insert the supplied batteries according to the direction indicated in the battery compartment.

When inserting or removing the batteries, push them towards the $\ominus$ battery terminals.

- 3 Close the cover.



Precautions for battery use:

- Replace all old batteries with new ones at the same time.
- Do not mix old and new batteries.
- Remove the batteries if the unit will not be used for long periods of time. This will prevent potential damage due to battery leakage.

Caution:

- Do not use rechargeable batteries (nickel-cadmium battery, etc.).
- Installing the batteries incorrectly may cause the unit to malfunction.
- Batteries (battery packed or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

Battery removal:

Open the battery cover and pull up the battery to take out.

Notes concerning use:

- Replace the batteries if the operating distance is reduced or if the operation becomes erratic. Purchase 2 "AA" size batteries (UM/SUM-3, R6, HP-7 or similar).
- Periodically clean the transmitter on the remote control and the sensor on the unit with a soft cloth.
- Exposing the sensor on the unit to strong light may interfere with operation. Change the lighting or the direction of the unit if this occurs.
- Keep the remote control away from moisture, heat, shock, and vibrations.

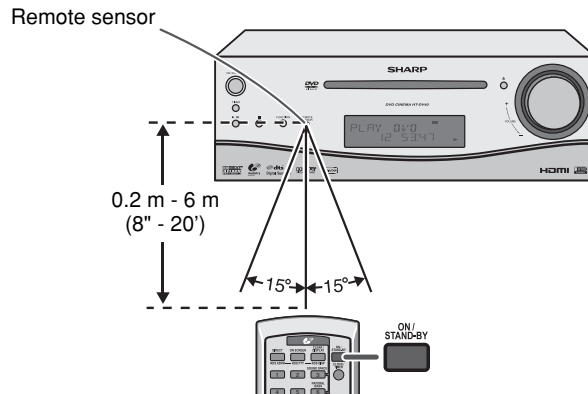
■ Test of the remote control

After installing the unit (see pages 11 - 19), check that the remote control operates correctly.

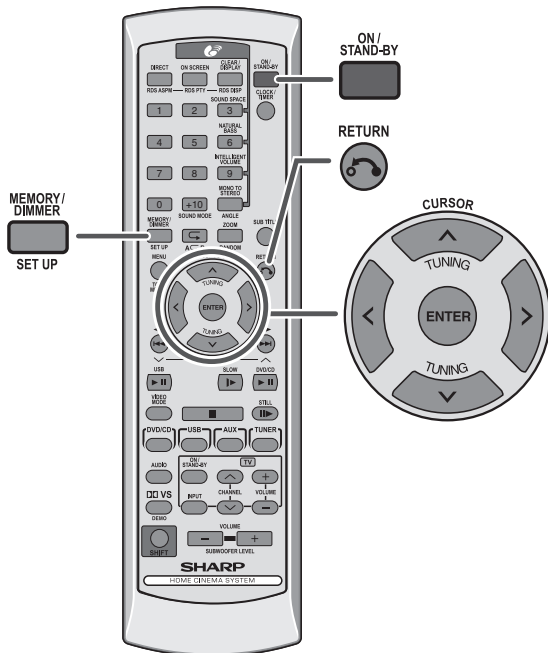
Point the remote control directly at the remote sensor on the unit.

The remote control can be used within the range shown below:

Press the ON/STAND-BY button. Does the power turn on? Now, you can use the unit.



Changing the set up menu



- 1 Turn on the TV.
- 2 Set the TV to the correct input, eg. "AV1", "VIDEO", etc.

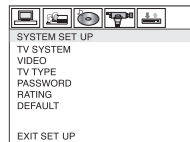
- 3 Turn on the unit by pressing the ON/STAND-BY button.
 - The SHARP startup screen appears.

Note:

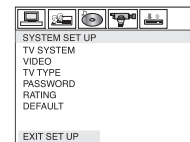
Startup screen will be displayed when both S-Video cable and SCART cable are connected to the TV. If only the S-Video cable is connected, the screen may be blank. To set up S-Video mode, use video out cable or SCART cable.



- 4 Press the SHIFT and SET UP buttons.



- 5 Press the < or > button to select a menu.
 - See the list on pages 22 - 27 for set up menu.
- 6 Press the ^, v, < or > button to change the setting and press the ENTER button.
- 7 After setting is completed, select "EXIT SET UP", then press the ENTER button to return to the main page.

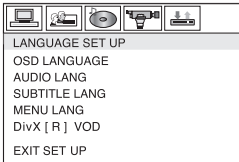
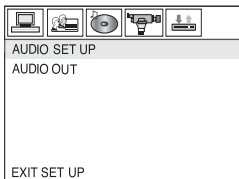


Notes:

- The setting are stored even if the unit is set to stand-by mode.
- The backup function protects the stored setting for a few hours should there be a power failure or AC power lead disconnection.
- System set up can be performed during playback mode.

Set up menu	Selectable parameters (* indicates default setting)	Description
SYSTEM SET UP  SYSTEM SET UP TV SYSTEM VIDEO TV TYPE PASSWORD RATING DEFAULT EXIT SET UP	TV SYSTEM	NTSC PAL* AUTO
	VIDEO	S-VIDEO SCART* COMP. P-SCAN ON COMP. P-SCAN OFF
	TV TYPE	4:3 PS* 4:3 LB 16:9
	PASSWORD	---- 
	RATING	1 KID SAFE 2 G 3 PG 4 PG13 5 PG-R 6 R 7 NC-17 8 ADULT*
	DEFAULT	RESTORE
LANGUAGE SET UP  LANGUAGE SET UP OSD LANGUAGE AUDIO LANG SUBTITLE LANG MENU LANG DivX [R] VOD EXIT SET UP	OSD LANGUAGE	ENGLISH* FRENCH SPANISH CHINESE GERMAN ITALIAN PORTUGUESE DUTCH
		You can select the desired OSD (On Screen Display) language for the set up menu or playback control screen. Example: To select German language, choose "GERMAN" from the menu. Press ENTER button and below screen will appear in German.  SPRACHE EINST OSD-SPRACHE ▶ ENGLISCH AUDIO FRANZÖSISCH UNTERTITEL SPANISH MENU CHINESISCH DIVX[R] VOD DEUTSCH MENU ENDE ITALIENISCH HOLLÄNDISCH

Changing the set up menu (continued)

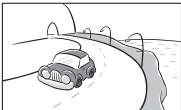
Set up menu	Selectable parameters (* indicates default setting)	Description
LANGUAGE SET UP 	AUDIO LANG AUDIO LANG ENGLISH* FRENCH SPANISH CHINESE GERMAN ITALIAN	Select the language audible from the speakers.
	SUBTITLE LANG SUBTITLE LANG ENGLISH* FRENCH SPANISH CHINESE GERMAN ITALIAN OFF	Select the subtitle displayed on the TV screen.
	MENU LANG MENU LANG ENGLISH* FRENCH SPANISH CHINESE GERMAN ITALIAN	Select the disc menu language.
	DivX [R] VOD DivX [R] VOD REGISTRATION CODE * * * * *	SHARP provide you the DivX registration code that allows you to rent and purchase videos using the DivX service. Please go to www.divx.com/vod for more information.
AUDIO SET UP 	AUDIO OUT AUDIO OUT SP DIF/OFF SP DIF/RAW SP DIF/PCM*	Useful whilst using HDMI cable. When playing a disc recorded with Dolby Digital or DTS, the corresponding digital signals will be output from the HDMI output socket. ● PCM : Choose this setting if the TV with HDMI technology cannot support Dolby Digital or DTS to avoid noise or mute from the TV. ● RAW : Choose this setting if the TV with HDMI technology can support Dolby Digital or DTS.

Set up menu	Selectable parameters (* indicates default setting)	Description	
VIDEO SET UP	 VIDEO SET UP BRIGHTNESS CONTRAST HUE SATURATION HDMI OUTPUT EXIT SET UP	BRIGHTNESS — — — — — — — — — — — — — — — — 12 10 8 6 4 2 0	To adjust TV screen brightness level.
	CONTRAST — — — — — — — — — — — — — — — — 12 10 8 6 4 2 0	To adjust TV screen contrast level.	
	HUE — — — — — — — — — — — — — — — — +6 +4 +2 0 -2 -4 -6	To adjust TV screen hue level.	

Changing the set up menu (continued)

Set up menu	Selectable parameters (* indicates default setting)		Description
		SATURATION	

■ TV display setting

Indicator	Setting
4:3 PS	When playing a wide image (16:9) disc, the left and right sides of the image are cut (pan scan) to display a natural-looking 4:3 size image. A wide image disc without pan scan [PS] is played back in 4:3 letterbox. A 4:3 disc is played in 4:3. 
4:3 LB	When playing a wide image (16:9) disc, black bands are inserted at the top and bottom and you can enjoy full wide images (16:9) on a 4:3 size TV. A 4:3 disc is played in 4:3. 
16:9	A wide image (16:9) is displayed when playing a wide image (16:9) disc.  ● When playing a 4:3 image disc, the image size depends on the setting of the connected TV. ● If you play back a wide image (16:9) disc with this unit connected to a 4:3 TV, the vertically shrunk image is displayed.

Note:

When playing disc with a fixed video format, the display setting will not change even if the TV screen size is changed.

■ TV system setting

Indicator	Setting
NTSC	Select this mode for the NTSC TV.
PAL	Select this mode for the PAL TV.
AUTO	Select this mode for the multi-system TV.

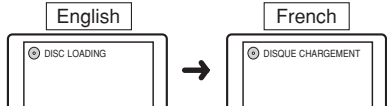
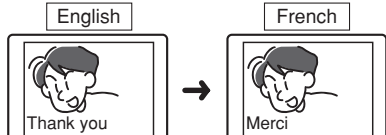
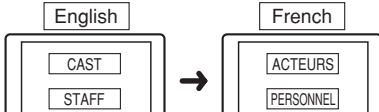
Note:

To achieve optimal picture setting when playing back a DVD disc, ensure the setting of the main unit TV system are the same as the disc video system.

Refer pages 21 - 25 "Changing the set up menu" and follow the changing steps provided.

DVD disc type	Unit setting
NTSC	NTSC
PAL	PAL

■ Language setting

Indicator	Setting
OSD LANGUAGE	A language for screen display can be set for the set up menu, message, etc. 
AUDIO LANG	A language for audio can be set. You can specify a language for conversation and narration. 
SUBTITLE LANG	A language for subtitle can be set. The subtitle are displayed in a specified language. 
MENU LANG	A language for disc menus can be set. Menu screens are displayed in a specified language. 

Changing the set up menu (continued)

■ Rating setting

- 1 Select "SYSTEM SET UP" on the Set up menu screen (see steps 1 - 6 on page 21).
- 2 Before setting "RATING", ensure password is unlocked "⏏". The "RATING" level cannot be set if the password is locked "⏏".
- 3 After selecting "RATING" in steps 1 - 6 on page 21, select the rating level and press the ENTER button to confirm.
- 4 After entering rating level, select "PASSWORD" to lock the password key.
- 5 Enter a 4-digit password using the Direct Search buttons and press the ENTER button.

*If this is the first time, enter "0000" as factory default password.

Indicator	Setting
1 KID SAFE	Only DVD software intended for children can be played back.
2G to 7 NC-17	Only DVD software intended for general use and children can be played back.
8 ADULT	DVD software of any grade (adult/general/children) can be played back.

* Level 8: for most restrictive viewing ==> Level 1: for general audiences viewing.

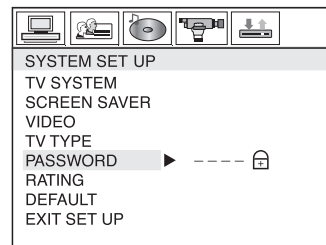
The smaller the number, the greater the level of restriction.

Note:

Whilst playing a disc with parental lock, the display may appear requesting a password in order to watch some restricted scenes. In such case, enter the password to temporarily change the parental level.

■ Password setting

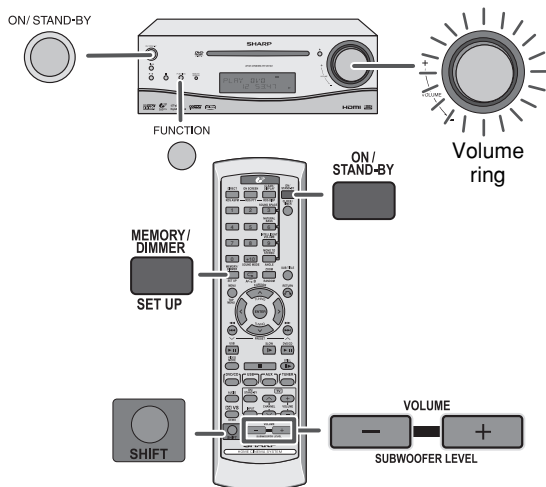
From the set up menu, select "SYSTEM SET UP", "PASSWORD" and choose "---- ⏏".



- 1 When setting the password for the first time, enter the factory default password by pressing "0000". The "⏏" will be unlocked.
- 2 Enter your new password (maximum 4-digits) using the Direct Search buttons and press ENTER button to return. The "⏏" will be locked.
- 3 Enter again the same new password and press ENTER button to return. The "⏏" will be unlocked.
- 4 To change to another password, repeat steps 2 - 3.
- 5 Exit set up.

Note:

If you forget your password, cancel the current password by pressing "0000" using the Direct Search buttons.



■ To turn the power on

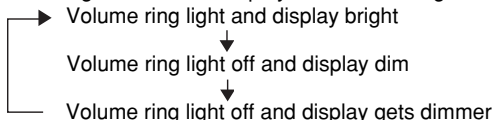
Press the ON/STAND-BY button to turn the power on.

After use:

Press the ON/STAND-BY button to enter the power stand-by mode.

■ Illumination light control

Press the MEMORY/DIMMER button for more than 2 seconds to adjust the brightness of the display and volume ring.



■ Auto power off function

In the stop mode of discs/USB operation, the main unit enters the stand-by mode after 15 minutes of inactivity.

■ Volume auto fade-in

- If you turn off and on the main unit with volume set to 34 or higher, the volume starts at 20 and fades in to the last set level.
- If you turn off and on the main unit with the volume level set to less than 34, the volume starts at the last level volume setting.

■ Volume control

Main unit operation:

When the VOLUME control is turned clockwise, the volume will increase. When it is turned anti-clockwise, the volume will decrease.

Remote control operation:

Press the VOLUME (+ or -) button to increase or decrease the volume.

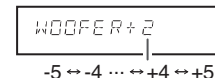


■ Subwoofer level control

The subwoofer level can be adjusted.

To increase the level, hold down the SHIFT button and press the SUBWOOFER LEVEL + button.

To decrease the level, hold down the SHIFT button and press the SUBWOOFER LEVEL - button.

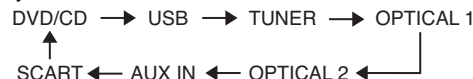


Notes:

- When sound from the subwoofer is distorted, decrease the subwoofer level.
- When changing the subwoofer level, the output level of the SUBWOOFER PRE OUT is also changed.

■ Function

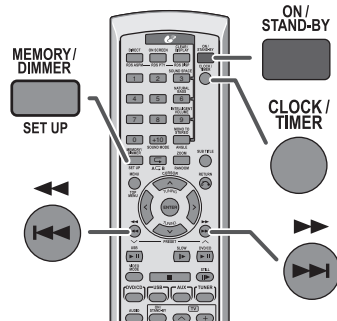
When the FUNCTION button on main unit is pressed, the current function will change to different mode. Press the FUNCTION button repeatedly to select desired function.



Note:

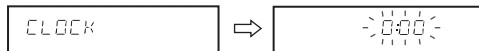
The backup function will protect the memorised function mode for a few hours should there be a power failure or the AC power lead becomes disconnected.

Setting the clock (Remote Control only)



In this example, the clock is set for the 24-hour (0:00) display.

- 1 Press the ON/STAND-BY button to turn the power on.**
- 2 Press the CLOCK/TIMER button.**
- 3 Within 10 seconds, press the ◀ or ▶ button to select "CLOCK", and press the MEMORY/DIMMER button.**



- 4 Press the ◀ or ▶ button to select 24-hour or 12-hour display and then press the MEMORY/DIMMER button.**



- | | |
|------------|---|
| → "0:00" | → The 24-hour display will appear.
(0:00 - 23:59) |
| ↓ | |
| "AM 12:00" | → The 12-hour display will appear.
(AM 12:00 - PM 11:59) |
| ↓ | |
| "AM 0:00" | → The 12-hour display will appear.
(AM 0:00 - PM 11:59) |

- 5 Press the ◀ or ▶ button to adjust the hour and then press the MEMORY/DIMMER button.**



Press the ◀ or ▶ button once to advance the time by 1 hour. Hold it down to advance continuously.

- 6 Press the ◀ or ▶ button to adjust the minutes and then press the MEMORY/DIMMER button.**



Press the ◀ or ▶ button once to advance the time by 1 minute. Hold it down to change the time in 5-minute intervals.

To confirm the time display:

[When the unit is in the stand-by mode]

Press the CLOCK/TIMER button.

The time display will appear for about 10 seconds.

[When the power is on]

Press the CLOCK/TIMER button.

Within 10 seconds, press the ◀ or ▶ button to display the time.

The time display will appear for about 10 seconds.

Note:

The "CLOCK" will appear or time will flash to confirm the time display when the AC power supply is restored after a power failure or unplugging the unit. If incorrect, readjust the clock as follows.

To readjust the clock:

Perform "Setting the clock" from step 1. If the "CLOCK" does not appear in step 3, step 4 (for selecting the 24-hour or 12-hour display) will be skipped.

To change the 24-hour or 12-hour display:

- 1 Clear all the programmed contents. [Refer to "Factory reset, clearing all memory" on page 63 for details.]
- 2 Perform "Setting the clock" from step 1.

Enjoying surround sound (sound mode)

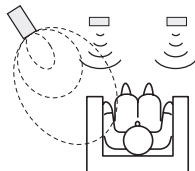
HT-DV40H
HT-DV50H

ENGLISH

■ Preset sound modes and sound image

STANDARD

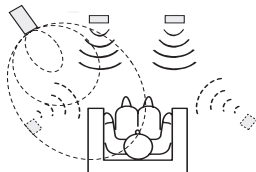
You can enjoy normal stereo sounds.



CINEMA

Enjoy a wide sound field like 5.1ch as well as enhanced powerful bass sounds.

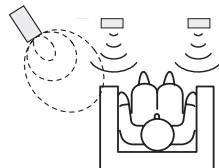
Suitable for movies, etc.



NEWS

Easy to listen to bass sounds such as voice of narration (even at low volume) due to well-controlled bass sounds.

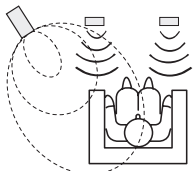
Suitable for news, etc.



MUSIC

Enhanced bass sounds create clear-cut and spacious sounds at 2.1ch.

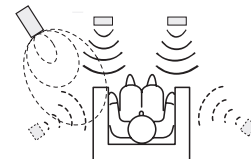
Appropriate for music, etc.



SPORT

Voice of narration comes out from the centre; you can hear cheers and feel the atmosphere in the theatre with a wide sound field like 5.1ch.

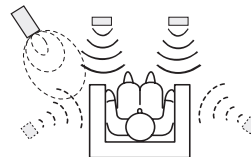
Appropriate for sports broadcasting such as baseball and football.



NIGHT

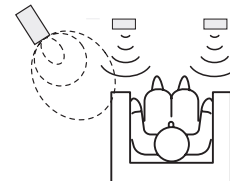
Words are easy to hear and loud sounds are controlled; even at low volume, you can enjoy a wide sound field like 5.1ch.

Suitable for listening to sounds of movies at low volume.



BASS

Bass frequencies are emphasised.
You can select the BASS level.



TREBLE

Treble frequencies are emphasised.
You can select the TREBLE level.

Notes:

- Subwoofer sound levels for preset sound modes are set to the recommended levels.
- You can adjust a subwoofer sound level by each preset sound mode (see page 28). Return the settings to default by resetting (see page 63).

Enjoying surround sound (sound mode) (continued)

■ Preset sound mode

Select any of the 8 preset modes already set to the optimal sound quality levels.

Select a desired sound mode by pressing the **SHIFT** and **SOUND MODE** buttons simultaneously.

Preset sound mode	Display
STANDARD	STANDARD
CINEMA	CINEMA DVS 18
NEWS	NEWS DVS
MUSIC	MUSIC DVS
SPORT	SPORT DVS DVS
NIGHT	NIGHT DVS DVS 18
BASS	BASS
TREBLE	TREBLE

■ Bass control

1. Press the **SHIFT** and **SOUND MODE** buttons simultaneously to select "BASS".
2. Within 10 seconds, press the **VOLUME** (+ or -) button to adjust the bass.

BASS 0 ——— -5 ↔ +5

■ Treble control

1. Press the **SHIFT** and **SOUND MODE** buttons simultaneously to select "TREBLE".
2. Within 10 seconds, press the **VOLUME** (+ or -) button to adjust the treble.

TREBLE 0 ——— -5 ↔ +5

■ Dolby Virtual Speaker (DVS) sound mode

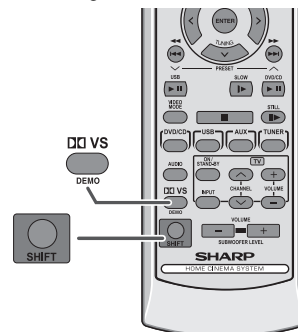
The Dolby Virtual Speaker (DVS) creates virtual surround sound comparable to the 5.1ch sound produced by the 2.1ch speaker.

When setting DVS to "ON" for 2 channel stereo signals, Dolby Pro Logic II (see page 32) brings out virtual sound effects through the signals converted into 5.1ch.

Press the DVS button.

The Dolby Virtual Speaker indicator lights up and set change to DVS WIDE mode. Press DVS button again to change to DVS REFERENCE mode.

Press the DVS button again to return to "DVS OFF".



Notes:

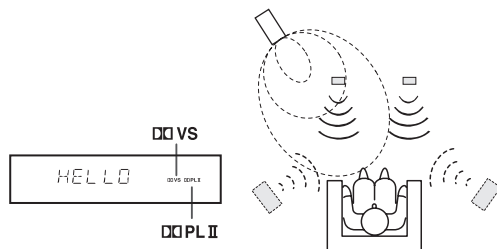
- The DVS default setting is "WIDE" mode.
- When setting the DVS mode to "WIDE" or "REFERENCE", the preset sound mode and Audistry (SOUND SPACE mode, MONO TO STEREO mode) are cancelled. (The NATURAL BASS mode and the INTELLIGENT VOLUME mode are not cancelled.)
- Monaural signals do not generate surround effects.
- In case input signal is Dual mono type and DVS is set to "WIDE" or "REFERENCE", the sound may not be output correctly.
- When unit is turned on for the first time, selecting BASS mode using the SOUND MODE button will automatically set the DVS to OFF. Subsequently, when BASS mode is selected again, the DVS setting will follow the current user setting.
- When headphone is inserted, DVS setting and BASS/TREBLE setting, set earlier by user will be cancelled. However the DVS setting will not be recovered when the headphone is unplugged.

ON

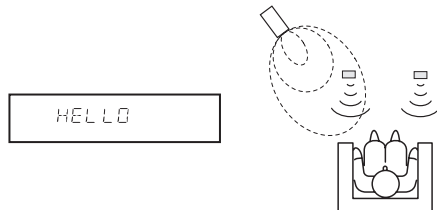
The Dolby Virtual Speaker creates multichannel-like sound effects.

Compared with the cinema mode, the bass sound level is slightly reduced.

The Dolby Pro Logic II indicator also lights up if 2ch sound signals are detected.

**OFF**

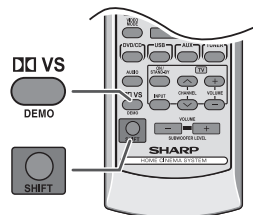
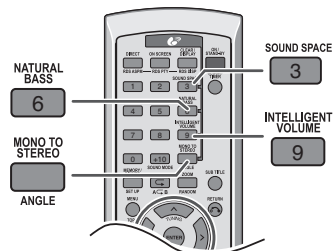
The Dolby Virtual Speaker is deactivated.



■ Audistry sound mode

Enjoy a variety of sounds by each or any combination of the 4 modes.

Press the SHIFT and desired mode button simultaneously.
Press it again to cancel.



Possible combinations

○ :Enabled × :Disabled

	SOUND SPACE	NATURAL BASS	INTELLIGENT VOLUME	MONO TO STEREO
When you select "SOUND SPACE"	/	○	○	○
When you select "NATURAL BASS"	○	/	○	○
When you select "INTELLIGENT VOLUME"	○	○	/	○
When you select "MONO TO STEREO"	○	○	○	/
When you select "DVS"	×	○	○	×

Enjoying surround sound (sound mode) (continued)

SOUND SPACE

(Sound stage expansion)

The 4 speakers create spacious stereo sounds.



(The SOUND SPACE indicator lights up.)

NATURAL BASS

(Bass sound expansion)

The system's low-frequency characteristics realise the optimal bass sounds.



(The NATURAL BASS indicator lights up.)

INTELLIGENT VOLUME

(Peak limiter and expander)

Appropriate listener-friendly volumes realised; the volume is decreased during loud sounds, and increased during low sounds.



(The INTELLIGENT VOLUME indicator lights up.)

MONO TO STEREO

(Mono → Stereo conversion)

You can enjoy monaural sound sources with a stereo-like effect.



(The MONO TO STEREO indicator lights up.)

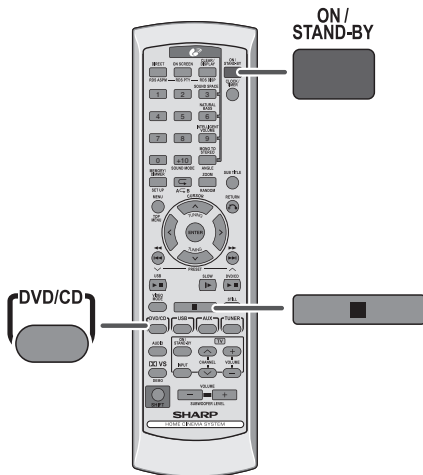
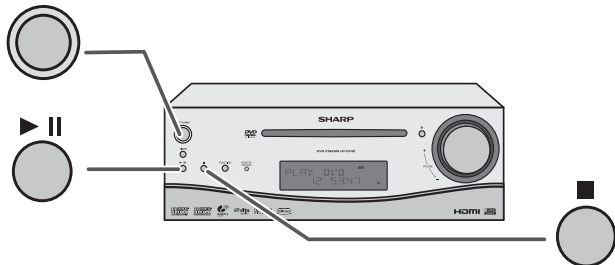
Notes:

- When setting each mode of Audistry to "ON", the preset sound mode setting is cancelled.
- When setting the SOUND SPACE or MONO TO STEREO mode to "ON", the DVS setting is also cancelled. (It is not cancelled even if the NATURAL BASS or INTELLIGENT VOLUME mode is set to "ON".)

Playing a disc

Turn on the TV, and switch the input to the “VIDEO 1”, “VIDEO 2”, etc. accordingly.

ON/STAND-BY



■ Playback DVD CD MP3 WMA JPEG DivX

1 Press the ON/STAND-BY button to turn the power on.

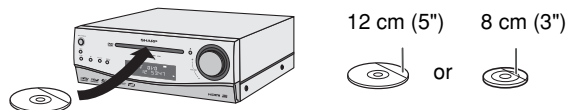
2 “SHARP” startup screen appears on the TV screen.



3 Press the DVD/CD button on the remote control.

4 Insert the disc into the disc slot, label side up.

- The disc must be fully inserted into the disc slot before playing. If “NO DISC” appears due to improper disc insertion, switch off the AC power supply and then switch it on again.



- 8 cm disc can be inserted without an adaptor.
- Due to the structure of the disc information, it takes longer to read an MP3/WMA disc than a normal CD (approximately 20 to 90 seconds).

5 Some discs play automatically. If playback does not start, press the ► II (DVD/CD ► II) button.



Disc play indicator

When the menu appears on the TV screen:

On DVD:

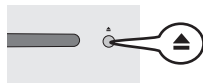
- Select item by using cursor (↑, ↓, < or >) button and press ENTER button.
- To return to the previous display, press the RETURN button.

Playing a disc (continued)

- Playback will begin from track 1.
- After the last track on the disc is played, the unit will stop automatically.

To remove the disc:

In the stop mode, press the  button.



Caution:

- Do not play discs of special shapes (heart, octagon, etc). They may cause malfunctions.
- Do not push the disc whilst it is moving.
- If the power fails whilst the disc is moving, wait until the power is restored.
- If TV or radio interference occurs during CD operation, move the unit away from the TV or radio.

■ Auto power on function

When you press any of these buttons during stand-by mode, the units turns on.

- FUNCTION button (main unit): The unit turns on and the last of previous function is activated. (DVD/CD/USB/TUNER/OPTICAL 1/OPTICAL 2/AUX IN/SCART).
-  /  button (main unit): The unit turns on and start playback the last of previous function of DVD/CD or USB.
- DVD/CD button (remote control): The unit turns on and the “DVD/CD” function is activated.
- USB button (remote control): The unit turns on and the “USB” function is activated.
- AUX button (remote control): The unit turns on and the last of previous function is activated. (OPTICAL 1/OPTICAL 2/AUX IN/SCART).
- TUNER button (remote control): The unit turns on and the “TUNER” function is activated.
- USB  /  button (remote control): The unit turns on and start playback the “USB” function.
- DVD/CD  /  button (remote control): The unit turns on and start playback the “DVD/CD” function.

■ Various disc functions

Function	Main unit	Remote control	Operation
Play 			Press in the stop mode.
Stop			Press in the playback mode.
Pause 			Press in the playback mode. Press the  /  button to resume playback from the paused point.
Track up/ Track down			Press in the playback or stop mode. If you press the button in the stop mode, press the  /  button to start the desired track.
Fast forward/ Fast reverse			Press and hold down in the playback mode. Release the button to resume playback.

Notes for CD or MP3/WMA disc:

- When the end of the last track is reached during fast forward, playback will stop. When the beginning of the first track is reached during fast reverse, the unit will enter the playback mode.
- Rewritable multi-session discs with unfinished writing, can still be played.

To interrupt playback

Press the ► || (DVD/CD ► ||) button.

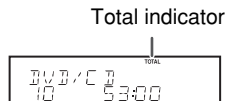
To resume playback from the same point, press the ► || (DVD/CD ► ||) button.

To stop playback**DVD:**

Press the ■ button twice.

Audio CD/MP3/WMA/JPEG/DivX:

Press the ■ button.

CD:**Caution:**

- The unit gets slightly warm when used for a long time. It does not mean the unit is damaged.
- When attempting to play disc with scratches or of a different region number, or unplayable or restricted (*1) discs, an error message will appear on the TV display and the disc will not play.

(*1) Viewing is prohibited on some DVDs according to the audience age.

Notes:

- Stop positions may be recorded on some discs. When you play such a disc, playback stops here.
- During an operation, "INVALID KEY" may appear indicating that the operation is disabled by the disc.

■ To resume playback after stopping (resume play) DVD

You can resume playback from the point playback is stopped.

1 Whilst a disc is playing, press the ■ button.
The system stores the point you stopped.

A DVD screen showing the word 'RESUME' at the top with a right-pointing arrow. Below it is a large 'HOME' logo with 'ENTERTAINMENT' written underneath.

2 To restart play, press the ► || (DVD/CD ► ||) button.

To cancel the resume playback:

Press the ■ button twice.

Notes:

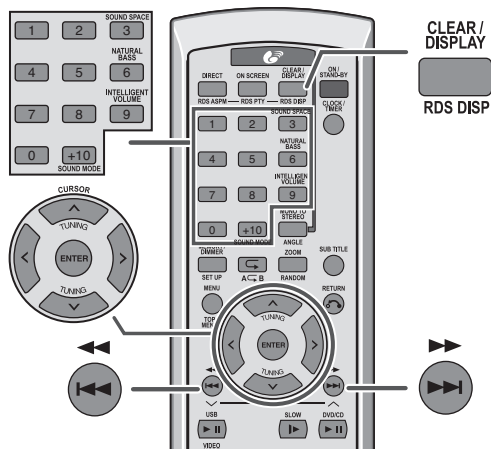
- The resume playback feature is disabled on some discs.
- Depending on the disc, playback may resume from slightly before the stopped position.

■ DVD mode operation indicators

The following are examples of operation indicators that appear during DVD playback.

Operation	TV screen	Unit display
When the unit is on without a disc.		NO DISC
Disc data is being read.	READ	TOC READING
First time stop	PRE STOP ►►	DVD/CD RESUME
Second time stop	STOP ■	DVD/CD STOP
Play	SEQ PLAY	DVD/CD 01 03:00 ►
Pause	PAUSE	DVD/CD 01 03:10 ■

Basic operation



■ To locate the beginning of a chapter track (skip)

DVD CD MP3 WMA JPEG DivX

You can move to other tracks with simple operations.

Whilst a disc is playing, press the ◀◀◀ or ▶▶▶ button.

- Use the ▶▶▶ button to skip to the next chapter (track).
- Use the ◀◀◀ button twice to skip to the previous chapter (track).

Notes:

- Some discs do not display the chapter (track) and the skip feature is disabled.
- On a DVD, skip does not operate between titles.

■ Fast forward/Fast reverse (search)

DVD CD MP3 WMA DivX

You can search the desired point as you play the disc.

- 1 Whilst a disc is playing, press and hold the ◀◀◀ or ▶▶▶ button.**
The scanning speed will change as follows at each press of the button.

PLAY (Normal play) → Forward X 2 → Forward X 4 → Forward X 8 → Forward X 20

PLAY (Normal play) → Backward X 2 → Backward X 4 → Backward X 8 → Backward X 20

The disc is forwarded by the ▶▶▶ button and backward by the ◀◀◀ button.

- 2 Press the ▶ II (DVD/CD ▶ II) button to return to the normal playback.**

Notes:

- On some discs, the search is disabled.
- On a DVD, search does not operate between titles.
- On audio CD, the search can be operated between tracks.
- Whilst searching on a DVD, the sound is not heard and the subtitles only appear at x 2 speed search.
- When search is performed during the DVD playback, pictures may not be forwarded or reversed in the search speed specified in this manual, depending on the disc or the scene being played.
- The search does not operate on JPEG discs.
- Whilst searching on an audio CD, MP3 or WMA disc, the sound can only be heard at x 2 speed search.

■ To start playback from the desired point (direct play) **DVD**

To select and play the desired title and chapter:

1 Whilst in the stop or playback mode, press the DIRECT button.

TV screen

TT 00/02 CH 000/025 ⌚ 01:41:14

2 Select the title or chapter by pressing the < or > button and enter the title or chapter number using the Direct Search buttons.

Example:

To select chapter 1: Press "1".

To select chapter 12: Press "1" and "2".

To select chapter 22: Press "2" and "2".

3 Press the ENTER button after confirm.

Notes:

- Direct play feature is disabled on some discs.
- Some DVD discs may not display the chapter number. You can specify the desired point only in the current title and not in other titles.

To play by specifying time (time search):

You can play back from the desired point by specifying the time.

1 Press DIRECT button.

startup
TV screen

Input desired time here

TT 01/03 CH 000/025 ⌚ 00:00:00

hour min sec

2 Press > button on the remote control to select time column. The time will be reset as "00:00:00".

3 Specify the time with the Direct Search buttons, and then press the ENTER button.

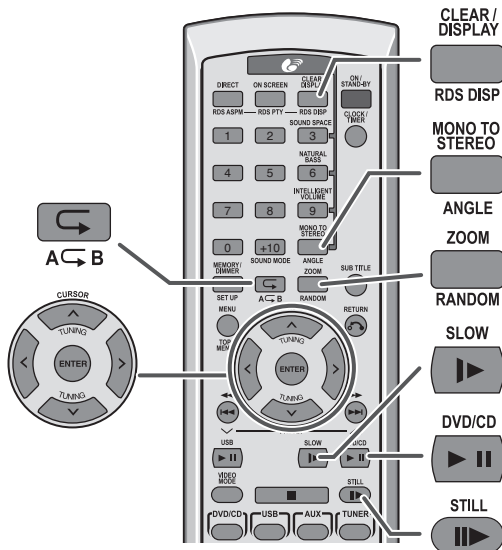
TT 01/03 CH 000/025 ⌚ 01:23:40

- To specify 1 hour 23 minutes and 40 seconds, enter "01:23:40".
- If you enter the wrong number, press < or > button for the desired time.

Notes:

- Some discs cannot play from the specified point.
- Time search feature is disabled on some discs.

Useful operation



■ Slow motion play DVD DivX

You can slow down the playback speed.

- 1 Whilst a disc is playing, press the **SLOW ▶** button repeatedly to select the desired speed.

The speed changes as follows:

SF 1/2

→ SF 1/2 → SF 1/3 → SF 1/4 → SF 1/5 → SF 1/6 → SF 1/7

PLAY (Normal play) ←

- 2 Press the **▶ II (DVD/CD ▶ II)** button to return to the normal playback.

Notes:

- On some discs with movies inside, the slow-motion play function is disabled.
- The sound is muted during slow-motion play.

■ Still picture/Frame advance DVD DivX

You can freeze the picture during playback.

- 1 Whilst a disc is playing, press the **STILL ||▶** button.

TV screen

STEP ▶ II

- 2 Each press of the **STILL ||▶** button advances the frame in the still mode.

- 3 Press the **▶ II (DVD/CD ▶ II)** button to return to the normal playback.

Note: The sound is muted during still picture.

■ To change the angle **DVD**

You can change the angle of view when playing a DVD disc that contains scenes recorded from multiple angle.

When “” is displayed in the upper left corner of the TV screen, press the **ANGLE** button repeatedly to select the desired angle number.

Notes:

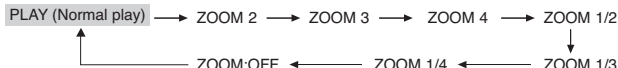
- The angle number is not displayed if angles are not recorded on the disc.
- Refer to the manual of the disc as the operation may vary depending on the disc.

■ To zoom images (zoom) **DVD DivX JPEG**

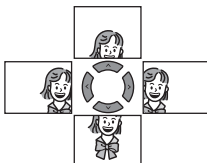
You can zoom in and zoom out the image during playback.

1 Whilst a disc is playing, press the **ZOOM** button.

Each press of the **ZOOM** button cycles through the zoom setting as follows:



2 To shift the view and display the desired part of a zoomed image, press the **^**, **∇**, **<** or **>** button repeatedly.



To return to normal view:

Press the **ZOOM** button repeatedly to select “**ZOOM:OFF**”.

Notes:

- Images may become distorted when zoomed.
- Subtitles cannot be zoomed.
- For **JPEG ZOOM** function, please refer page 48 for details.

■ To play the contents between the specified points repeatedly (A-B repeat)

DVD CD DivX MP3 WMA

You can play the desired portion repeatedly by specifying it during playback.

1 Whilst a disc is playing, press **SHIFT** and **A < B** button simultaneously.



This registers the start point (A).

2 Press **SHIFT** and **A < B** button simultaneously again to enter the end point (B).



This starts A-B repeat from the start point (A) to the end point (B).

3 Press **SHIFT** and **A < B** button simultaneously to return to the normal playback.

Notes:

- A-B repeat play is disabled on some discs.
- A-B repeat play for DVD is possible only within a chapter.
- Some scenes on DVD may not allow A-B repeat play.

■ To select a subtitle or audio language from the disc menu **DVD**

You can select the desired subtitle or audio language and sound system [Dolby Digital (5.1ch) or Dolby Digital (2ch)] on your DVD if it has disc menu.

1 Whilst in the stop or playback mode, press the **TOP MENU/MENU** button to display the disc menu.

2 Press the **^**, **∇**, **<** or **>** button to change the setting and press the **ENTER** button.

Note:

The procedure shown here provides only general steps. The actual procedure for using the disc menu depends on the disc. See the disc jacket for details.

Useful operation (continued)

■ To play in the desired order (programmed play)

DVD CD MP3 WMA JPEG DivX

You can play back the desired tracks in a specific order. Maximum of 16 tracks can be programmed.

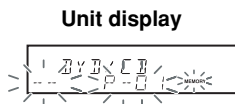
1 Whilst in the stop mode, press the MEMORY/DIMMER button.

The PROGRAM screen shows as follows on CD and USB:

TV screen

PROG			
1	5	9	13
2	6	10	14
3	7	11	15
4	8	12	16

PLAY CLEAR



2 Enter a track and chapter number with the Direct Search buttons.

The PROGRAM screen shows as follows on DVD:

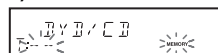
TV screen

PROG			
1 0 1 : 1 2	5	9	13
2 0 0 1 3	6	10	14
3 0 1 0 2	7	11	15
4	8	12	16

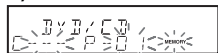
PLAY CLEAR

Unit display

1) ENTER TITLE



2) ENTER CHAPTER



The PROGRAM screen shows as follows on CD and USB:

TV screen

PROG			
1 0 0 1 5	5	9	13
2 0 0 1 3	6	10	14
3 0 1 0 2	7	11	15
4	8	12	16

PLAY CLEAR

Unit display

- For the next entry, repeat the procedure above to enter other track numbers by pressing Direct Search buttons after pressing ENTER button.
- If you enter the wrong number, you can change the title/track number by pressing Direct Search buttons again before pressing ENTER button.
- If the track number is 2 digits or more, example track 12, just press "1" and "2" by Direct Search buttons.
- Folder programmed is not possible.

3 Select "PLAY" at the PROGRAM menu by pressing ^, v, < or > button and press ENTER button on remote control to start play.

To change the programmed contents:

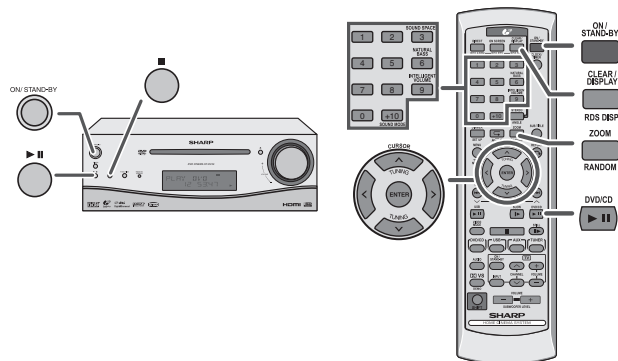
Repeat the above procedure from step 1.

To cancel the programmed play mode:

Select "CLEAR" at the PROGRAM menu by pressing ^, v, < or > button and press ENTER button on remote control to cancel the programmed play mode.

Notes:

- If the disc is ejected, the programmed sequence will be cancelled.
- The programme will be automatically cancelled if you press the ON/STAND-BY button to enter the stand-by mode or change the function from DVD/CD to another.
- During the programme operation, pressing the RANDOM button will automatically cancel the programme.
- Removing the USB memory device will automatically cancel the programmed sequence.
- Select "CLEAR" at the PROGRAM menu and press ENTER button, the programmed sequence will be cancelled.



■ To play repeatedly (repeat play)

DVD CD MP3 WMA JPEG DivX

You can play a chapter (track) or a title repeatedly by specifying it during playback.

1 Whilst a disc is playing, press the **◀** button to Repeat 1.

TV screen

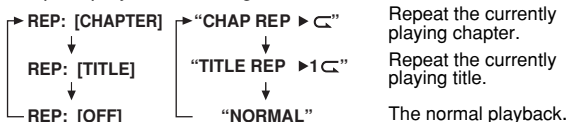
REP: [CHAPTER]

Unit display

CHAP REP ▶ 1 ◀

Each time the button is pressed, the repeat play mode changes in the following order.

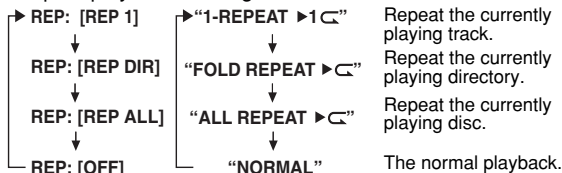
The repeat play mode changes as follows on DVD:



The repeat play mode changes as follows on audio CD:



The repeat play mode changes as follows on MP3/WMA:



2 To return to the normal playback, press the **◀** button repeatedly to select “NORMAL”.

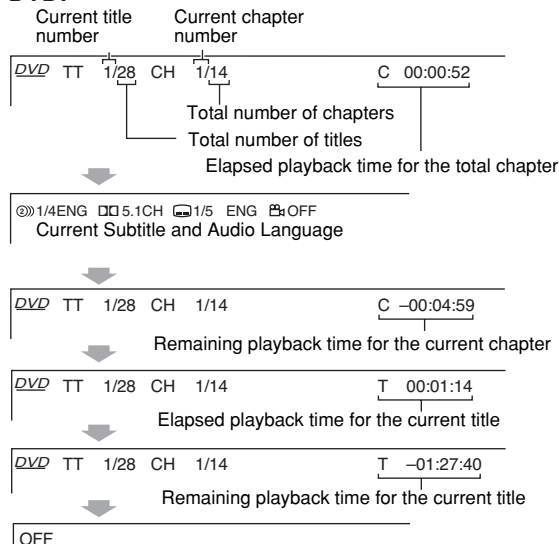
Notes:

- After performing repeat play, be sure to press the **■** button. Otherwise, the disc will play continuously.
- On some discs, the repeat play function is disabled.

■ To change the display on TV screen **DVD DivX**

You can display or hide the operation indicators on the TV screen. Whilst a disc is playing, press the ON SCREEN button. (The display is changed at each press.)

DVD:

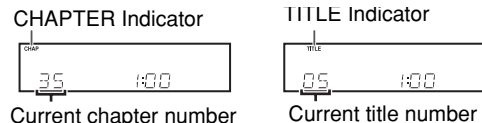


■ To change the display on main unit

DVD MP3 WMA

Whilst a disc is playing, press the **CLEAR/DISPLAY** button. (The display is changed at each press.)

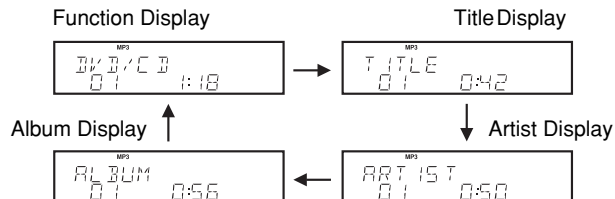
DVD:



Useful operation (continued)

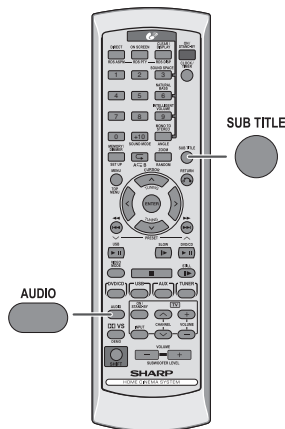
MP3/WMA:

- Title, Artist and Album name is displayed if it is recorded on the disc.
- Display content can be changed by pressing the CLEAR/DISPLAY button on remote control.



Note:

If "UNKNOWN" is displayed, it means Title or Artist or Album name is not recorded.

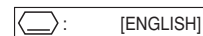


The subtitle language, audio language and TV type you select during playback are reset each time you set this unit to stand-by mode or switch the input. To keep your own settings, set them in the Set up menu (see page 21).

■ To change the subtitle language **DVD**

You can change the subtitle language or hide subtitles during playback.

Whilst a disc is playing, press the SUBTITLE button repeatedly to select the desired subtitle language.



Notes:

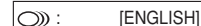
- On some discs, the subtitle language cannot be changed.
- If no subtitles are recorded on the disc, "OFF" is displayed.
- It may take time to switch the subtitle language to the selected one.
- Subtitles cannot be hidden on some DVDs.

■ To change the audio language (audio output)

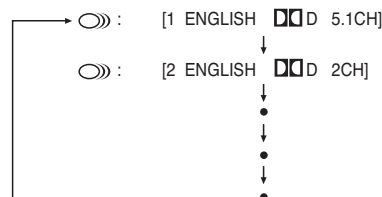
DVD

During playback, you can change the audio language (audio output).

Whilst a disc is playing, press the AUDIO button repeatedly to select the desired audio number.



You can select desired languages.



Notes:

- On some discs, the audio language cannot be changed.
- For the audio language and audio system, refer to the manual of the disc.

Listening to a CD or MP3/WMA disc

This system can play back a standard CD, CD-R/RW in the CD format and CD-R/RW with MP3 or WMA files, but cannot record on them. Some audio CD-R and CD-RW discs may not be playable due to the state of the disc or the device that was used for recording.

MP3:

MP3 is a form of compression. It is an acronym which stands for MPEG Audio Layer 3.

MP3 is a type of audio code which is processed by significant compression from the original audio source with very little loss in sound quality.

- This system supports MPEG 1 Layer 3 and VBR files.
- During VBR file playback, time counter in the display may differ from its actual playback time.
- Bitrate which is supported by MP3 is 32 ~ 320 kbps.

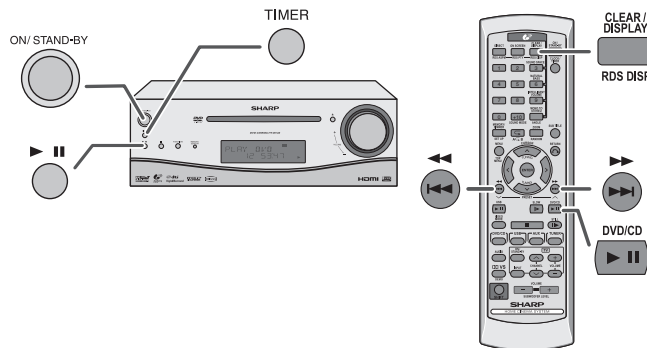
WMA:

WMA files are Advanced System Format files that include audio files which are compressed with Windows Media Audio codec. WMA is developed by Microsoft as an audio format file for Windows Media Player.

- "MP3" and "WMA" indicator will light up after the unit reads information on an MP3 or WMA disc.
- Bitrate which is supported by WMA is 64 ~ 160 kbps.

The following playback functions are the same as DVD operations.

	Page
Playing a disc	34 - 36
To locate the beginning of a chapter track (skip)	37
Fast forward/Fast reverse (search)	37
To start playback from the desired point (direct play)	38
To play the contents between the specified points repeatedly (A-B repeat)	40
To play in the desired order (programmed play)	41
To play repeatedly (repeat play)	42
To change the display on TV screen	42
To change the display on main unit	42 - 43



Advanced CD or MP3/WMA disc playback

■ To play in random order (random play)

CD JPEG MP3 WMA

The tracks on the disc play back can be played in random order automatically.

In the stop or playback mode, press the SHIFT button and then the RANDOM button.

All the tracks play in random order.

TV screen

Random [ON]

Unit Display

RANDOM 0



R 02 0:15

To cancel random play:

To cancel random playback, press the SHIFT and RANDOM buttons, so that the random "R*" character will disappear.

Notes:

- On some disc, this function cannot be used.
- If RANDOM button is pressed whilst in programmed playback, playback will enter random mode and programme is cancelled.
- In random play, the unit will select and play tracks automatically. (You cannot select the order of the tracks.)
- If you press the ◀◀ or ▶▶ button during random play, you can move to the track selected next by the random operation.
- In random function, playback will continue until ■ button is pressed.

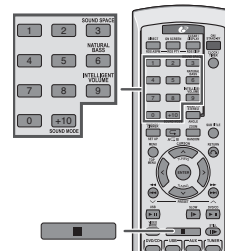
■ To start playback from the desired point (direct play)

By using the Direct Search buttons, the desired tracks on the current disc can be played.

Use the Direct Search buttons on the remote control to select the desired track whilst playing or in the stop mode.

02 0:10

Selected track number



Notes:

- A track number higher than the number of tracks on the disc cannot be selected.
- During random play, direct search is not possible.
- For CD-R/RW discs recorded in the MP3 or WMA format, you can select the track number but cannot select the folder by pressing the Direct Search buttons.

Notes:

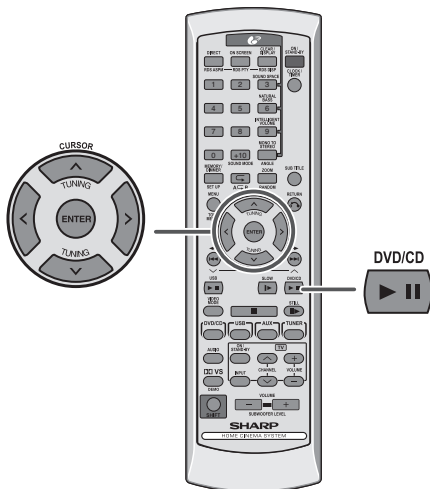
- This unit only supports "MPEG-1 Audio Layer-3" and "MPEG-2 Audio Layer-3" format. (Sampling Frequency is 32, 44.1, 48kHz)
- "MPEG-2.5 Audio Layer-3" and MP1, MP2 format are not supported.
- Playback order for MP3 files may differ sometimes depending on the writing software used during file downloading.
- Bitrate which is supported by MP3 is 32~320 kbps, WMA is 64~160 kbps.
- For MP3/WMA files, please put ".MP3" ".WMA" extension. Files cannot be played back if there is no MP3/WMA extension.
- Playlists are not supported on this unit.
- This unit only supports MP3 ID3-Tag version 1.x.
- The display playback time may not be displayed correctly when playing back a variable bitrate file.
- Copyright protected WMA files cannot be played back.

DivX and JPEG disc operation

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	Page
Playing a disc	34 - 36
To locate the beginning of a chapter track (skip)	37
Fast forward/Fast reverse (search)	38
To start playback from the desired point (direct play)	39
Still picture/Frame advance	39
Slow motion play (DivX only)	39
To change the angle	40
To zoom images (zoom)	40
To play the contents between the specified points repeatedly (A-B repeat)	40
To select a subtitle or audio language from the disc menu ..	40
To play in the desired order (programmed play)	41
To play repeatedly (repeat play)	42
To change the display on screen	42
To change the display on main unit	42 - 43
To change the audio language	43



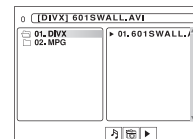
■ Playback on the DivX and JPEG menu screen

DivX JPEG

You can play CD-R/RW recorded in the DivX and JPEG formats.

1 Load a disc containing DivX and JPEG files, the menu screen appears.

- indicates folders
- indicates JPEG data
- indicates MP3/WMA data
- indicates DivX or MPEG data



2 Press the < or > button to select , , or and then press the ENTER button.

3 Select a folder or a track using the ^, v, < or > button.

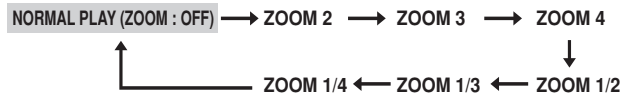
- Playback starts when you press (DVD/CD) or ENTER button.
- The next file picture can be automatically displayed after a while for JPEG format if you select (DVD/CD) button to start playback.
- Using the Direct Search buttons, you can open file directly.

DivX and JPEG disc operation (continued)

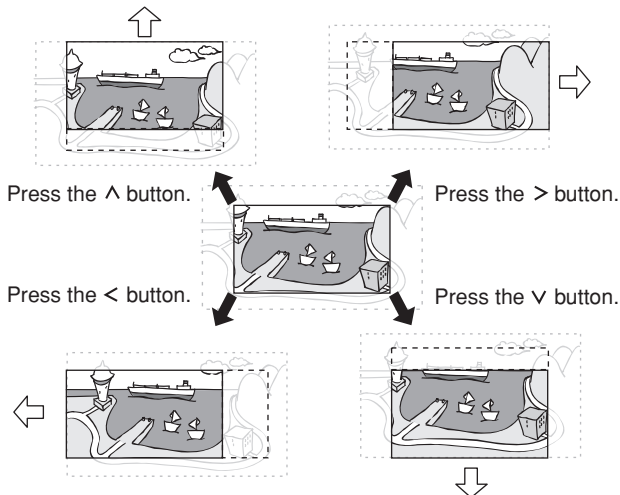
■ Zoom function **JPEG** **DivX**

1 During playback, press the ZOOM button.

2 Each press of the ZOOM button cycles through the zoom setting as follows:



3 To shift the view and display the desired part of a zoomed image, press the $\wedge$, $\vee$, $<$ or $>$ button repeatedly.



To return to normal view:

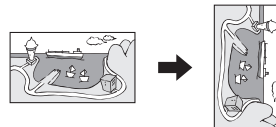
Press the ZOOM button again, "ZOOM:OFF" will appear on the screen.

■ Rotating a picture **JPEG**

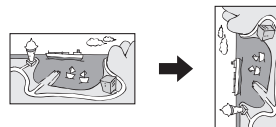
1 During playback, press the $\wedge$, $\vee$, $<$ or $>$ button.

The image rotates as below:

$>$ button : 90° rotation in a clockwise direction.



$<$ button : 90° rotation in an anti-clockwise direction.



$\wedge$ button : Horizontal mirror image.



$\vee$ button : Vertical mirror image.

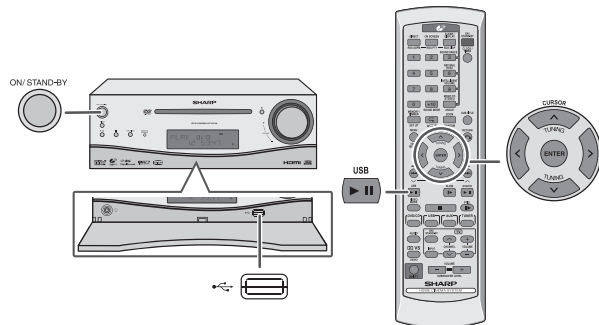


Playback on USB memory device

■ Playback on USB memory device

JPEG MP3 WMA

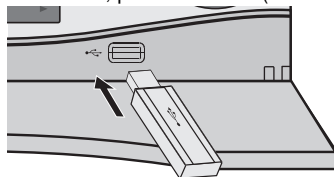
You can play USB recorded in JPEG, MP3 and WMA formats.



Note:

This product is not compatible with MTP and AAC file systems.

- 1 Open the bottom door. Connect the USB device. Press the ► II (USB ► II) button.**
 - To select USB function, press the ► II (USB ► II) button.

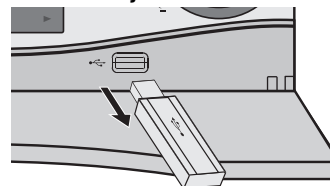


- 2 Press the < or > button to select data types recorded in USB memory device.**
- 3 Press ENTER button to choose folder types.**
- 4 Select desired track to be played back by pressing ^, v, < or >. Then press ENTER or ► II (USB ► II) button. This function is only visible when connected to TV.**

To remove USB memory device

■ To remove USB memory device

- 1 Press the ■ button.**
- 2 Disconnect USB memory device from the USB terminal.**



The following functions are the same as DVD or CD operations:

	Page
To locate the beginning of a chapter track (skip)	37
Fast forward/Fast reverse (search)	37
To start playback from the desired point (direct play)	38
Slow motion play	39
To zoom images (zoom)	40
To play the contents between the specified points repeatedly (A-B repeat)	40
To play in the desired order (programmed play)	41
Random play	45

Note:

If USB memory device is not connected, "NO MEDIA" will be shown on the display.

To remove USB memory device (continued)

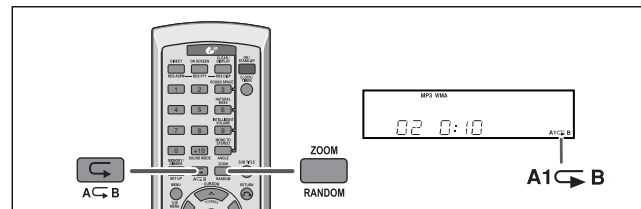
Notes:

- SHARP will not be held liable for the loss of data whilst the USB memory device is connected to the audio system.
- Files compressed in MP3 and / or WMA format can be played back when connected to the USB terminal.
- This USB memory's format support FAT 16 or FAT 32.
- SHARP cannot guarantee that all USB memory devices will work on this audio system.
- This USB memory cannot be operated via USB hub.
- If "UNSUPPORT WMA" is displayed, it means "Copyright protected WMA file" is selected.
- The USB terminal in this unit is not intended for a PC connection but is used for music streaming with a USB memory device.
- The larger the capacity of the USB storage device, the longer it will take for the data to be read.
- Some USB multi-reader devices may not work correctly with the USB terminal on this unit.
- External storage devices cannot be played back using the USB terminal on this unit.
- This unit only supports "MPEG-1 Audio Layer-3" and "MPEG-2 Audio Layer-3" format. (Sampling Frequency is 32, 44.1, 48kHz)
- "MPEG-2.5 Audio Layer-3" and MP1, MP2 format are not supported.
- Playlists are not supported on this unit.
- The playback time may not be displayed correctly when playing back a variable bitrate file.
- Use only the supplied USB cable.

Advanced USB playback

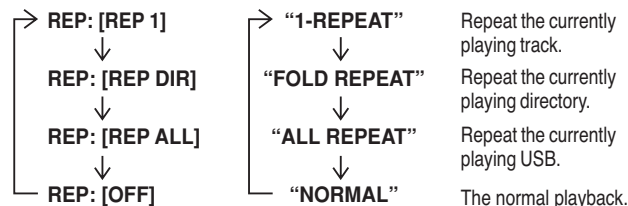
■ Repeat play (REMOTE CONTROL ONLY)

Repeat play can play single track and all track sequence continuously.



Whilst a disc is playing, each time the button is pressed, the repeat mode changes in the following order:

In case of an USB mode:

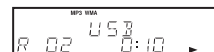


■ Random play (REMOTE CONTROL ONLY)

The tracks can be played in random order automatically.

To random play all tracks:

Press the SHIFT and RANDOM buttons on the remote control so that random indicator lights up in the display window.



Listening to the radio

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Radio Operation

To cancel random playback, press again the SHIFT and RANDOM buttons, so that the random indicator will disappear.

Notes:

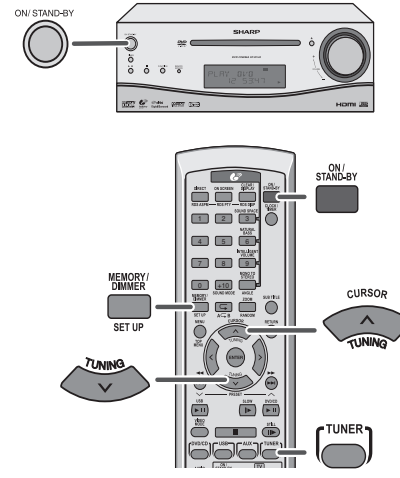
- If you press the ◀◀ ◀◀ or ▶▶ ▶▶ button during random play, you can move to the track selected next by the random operation.
- In random play, the unit will select and play tracks automatically. (You cannot select the order of the tracks.)
- If you press the REPEAT button during random play, playback will enter repeat mode and random will be cancelled.
- In random function, playback will continue until ■ button is pressed.

Caution:

After performing repeat, be sure to press the ■ button. Otherwise, it will play continuously.

Notes:

- This unit only supports “MPEG-1 Audio Layer-3” and “MPEG-2 Audio Layer-3” format. (Sampling Frequency is 32, 44.1, 48kHz)
- “MPEG-2.5 Audio Layer-3” and MP1, MP2 format are not supported.
- Playback order for MP3 files may differ sometimes depending on the writing software used during file download.
- Bitrate which is supported by MP3 is 32~320 kbps, WMA is 64~160 kbps.
- For MP3/WMA files, please put “.MP3” “.WMA” extension. Files cannot be played back if there is no MP3/WMA extension.
- Playlists are not supported on this unit.
- This unit only supports MP3 ID3-Tag version 1.x.
- The display playback time may not be displayed correctly when playing back a variable bitrate file.
- Copyright protected WMA files cannot be played back.



■ Tuning

- 1 Press the ON/STAND-BY button to turn the power on.**
- 2 Press the TUNER button on the remote control.**
- 3 Press the TUNING (∨ or ∧) button to tune in to the desired station.**

Manual tuning:

Press the TUNING (∨ or ∧) button as many times as required to tune in to the desired station.

Auto tuning:

When the TUNING (∨ or ∧) button is pressed for more than 0.5 seconds, scanning will start automatically and the tuner will stop at the first receivable broadcast station.

Listening to the radio (continued)

Notes:

- When radio interference occurs, auto scan tuning may stop automatically at that point.
- Auto scan tuning will skip weak signal stations.
- To stop the auto tuning, press the TUNING (∨ or ∧) button again.
- When an RDS (Radio Data System) station is tuned in, the frequency will be displayed first, and then the RDS indicator will light up. Finally, the station name will appear.
- Full auto tuning can be achieved for RDS stations "ASPM", see page 53.

To receive an FM stereo transmission:

Press the TUNER button to select stereo mode and "ST" indicator will be displayed.

- "CD" will appear when an FM broadcast is in stereo.
- If the FM reception is weak, press the TUNER button to extinguish the "ST" indicator. The reception changes to monaural, and the sound becomes clearer.

FM stereo receiving indicator



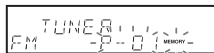
FM stereo mode indicator

■ Memorising a station

Up to 30 stations for FM band can be stored and recalled at the push of a button. (PRESET (∨ or ∧))

1 Perform steps 1 - 3 in "Tuning" on page 50.

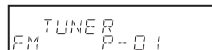
2 Press the MEMORY/DIMMER button to enter the preset tuning saving mode.



3 Within 30 seconds, press the PRESET (∧ or ∨) button to select the preset channel number.

Store the stations in memory, in order, starting with preset channel 1.

4 Within 30 seconds, press the MEMORY/DIMMER button to store that station in memory.



If the "MEMORY" and preset number indicators disappear before the station is memorised, repeat the operation from step 2.

5 Repeat steps 1 - 4 to set other stations, or to change a preset station.

When a new station is stored in memory, the station previously memorised for that preset channel number will be erased.

Note:

The backup function protects the memorised stations for a few hours should there be a power failure or the AC power lead become disconnected.

■ To recall a memorised station

Press the PRESET (∨ or ∧) button for less than 0.5 seconds to select the desired station.

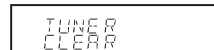
■ To scan the preset stations

The station saved in memory can be scanned automatically. (Preset memory scan)

- 1 Press the PRESET (∨ or ∧) button for more than 0.5 seconds. The preset number will flash and the programmed stations will be tuned in sequentially, for 5 seconds each.
- 2 Press the PRESET (∨ or ∧) button again when the desired station is located.

■ To erase entire preset memory

- 1 Press the ON/STAND-BY button to enter the stand-by mode.
- 2 Press and hold CLEAR/DISPLAY button until "TUNER CLEAR" appears.



Using the Radio Data System (RDS)

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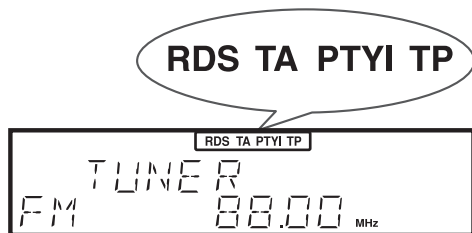
ENGLISH

RDS is a broadcasting service which a growing number of FM stations provide. These FM stations send additional signals along with their regular programme signals. They send their station names, and information about the type of programme such as sport, music, etc.

When tuned to an RDS station, "RDS" and the station name will be displayed.

"TP" (Traffic Programme) will appear on the display when the received broadcast carries traffic information, and "TA" (Traffic Announcement) will appear whilst a traffic information is on air.

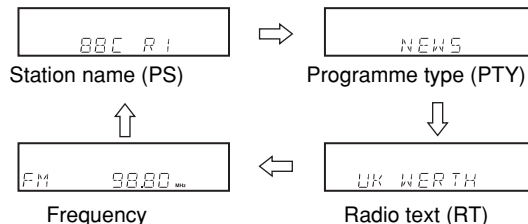
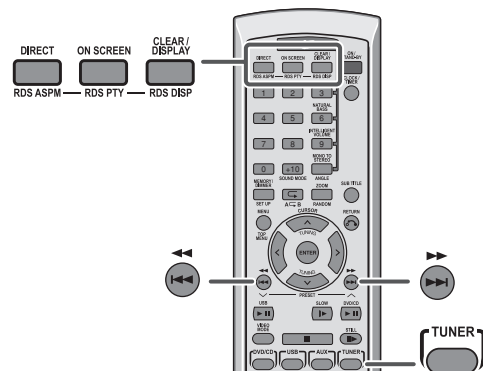
"PTYI" (Dynamic PTY Indicator) will appear whilst the Dynamic PTY station is received.



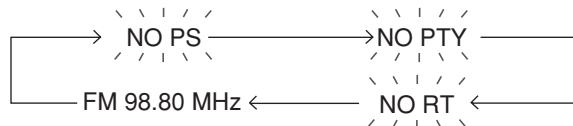
You can control the RDS by using the buttons on the remote control only.

■ Information provided by RDS

Each time the RDS DISP button is pressed, the display will switch as follows:



When tuning in to a station other than an RDS station or to an RDS station which sends weak signal, the display will change in the following order:



Using the Radio Data System (RDS) (continued)

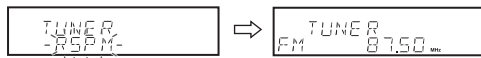
■ Using the Auto Station Programme Memory (ASPM)

Whilst in the ASPM operation mode, the tuner will automatically search for new RDS stations. Up to 30 stations can be stored. If you have already stored some stations in memory, the number of new stations you can store will be less.

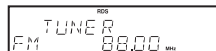
1 Press the TUNER button to select the FM band.

2 Press and hold down the SHIFT and RDS ASPM button on the remote control for at least 3 seconds.

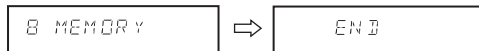
- After "ASPM" has flashed for about 4 seconds, scanning will start (87.50 - 108.00 MHz).



- When an RDS station is found, "RDS" will appear for a short time and the station will be stored in memory.



- After scanning, the number of stations stored in memory will be displayed for 4 seconds, and then "END" will appear for 4 seconds.



To stop the ASPM operation before it is complete:

Press the SHIFT and RDS ASPM button whilst it is scanning for stations.

The stations which are already stored in memory will be kept there.

Notes:

- If the same station is broadcasting on different frequencies, the strongest frequency will be stored in memory.
- Any station which has the same frequency as the one stored in memory will not be stored.
- If 30 stations have already been stored in memory, the scan will be aborted. If you want to redo the ASPM operation, erase the preset memory.
- If no station is stored in memory, "END" will appear for about 4 seconds.
- If the RDS signals are very weak, station names may not be stored in memory.

To erase all of the contents of preset memory:

- Press the ON/STAND-BY button to enter the power stand-by mode.
- Press CLEAR/DISPLAY button for more than 2 seconds until "TUNER CLEAR" appears.
- After performing this operation, all of the preset memory information will be erased.

To store a station name again if the wrong name was stored in memory:

It may be impossible to store station names in memory using the ASPM function if there is lots of noise or if the signal is too weak. In this case, perform as follows.

- Press the PRESET (^ or v) button to check whether the names are correct.
- If you find a wrong name whilst receiving the station, wait until the correct name is displayed and then press the MEMORY/DIMMER button.
- Within 30 seconds, press the MEMORY/DIMMER button whilst the preset channel number is flashing.
- The new station name has been stored in memory correctly.

Notes:

- The same station name can be stored in different channels.
- In a certain area or during certain time periods, the station names may temporarily be different.

■ Notes for RDS operation

If any of the following events occur, it does not mean that the unit is faulty:

- “PS”, “NO PS” and a station name appear alternately, and the unit does not operate properly.
- If a particular station is not broadcasting properly or a station is conducting tests, the RDS reception function may not work properly.
- When you receive an RDS station whose signal is too weak, information like the station name may not be displayed.
- “NO PS”, “NO PTY” or “NO RT” will flash for about 5 seconds, and then the frequency will be displayed.

Notes for radio text:

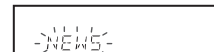
- The first 10 characters of the radio text will appear for 4 seconds and then they will scroll across the display.
- If you tune in to an RDS station which is not broadcasting any radio text, “NO RT” will be displayed when you switch to the radio text position.
- Whilst radio text data is received or when the text contents change, “RT” will be displayed.

■ To recall stations in memory**To specify programmed types and select stations (PTY search):**

You can search a station by specifying the programme type (news, sports, traffic programme, etc. ... see pages 55 - 56) from the stations in memory.

1 Press the TUNER button to select the FM band.**2 Press the SHIFT and RDS PTY button on the remote control.**

“SELECT” and “PTY TI” will appear alternately for about 6 seconds.

3 Within 6 seconds, press the PRESET (∧ or ∨) button to select the programme type.

Each time the button is pressed, the programme type will appear. If the button is held down for more than 0.5 seconds, the programme type will appear continuously.

4 Whilst the selected programme type is flashing (within 6 seconds), press the SHIFT and RDS PTY button again.

After the selected programme type has been lit for 2 seconds, “SEARCH” will appear, and the search operation will start.

Using the Radio Data System (RDS) (continued)

Notes:

- If the display has stopped flashing, start again from step 2. If the unit finds a desired programme type, the corresponding channel number will flash for about 4 seconds, and then the station name will flash for 7 seconds, which will remain lit.
- If you want to listen to the same programme type of another station, press the SHIFT and RDS PTY button whilst the channel number or station name is flashing. The unit will look for the next station.
- If no station can be found, "NOT FOUND" will appear for 4 seconds.

If you select the traffic programme:

If you select the traffic programme (TP) in step 3, "TP" will appear. (This does not mean that you can listen to the traffic information at that time.)

When the traffic information is broadcast, "TA" will appear.

Descriptions of the PTY (Programme Type) codes, TP (Traffic Programme) and TA (Traffic Announcement).

You can search for and receive the following PTY, TP and TA signals.

NEWS	Short accounts of facts, events and publicly expressed views, reportage and actuality.
AFFAIRS	Topical programme expanding or enlarging upon the news, generally in different presentation style or concept, including debate, or analysis.
INFO	Programmes whose purpose is to impart advice in the widest sense.
SPORT	Programme concerned with any aspect of sport.
EDUCATE	Programme intended primarily to educate, of which the formal element is fundamental.
DRAMA	All radio plays and serials.
CULTURE	Programmes concerned with any aspect of national or regional culture, including language, theatre, etc.
SCIENCE	Programmes about the natural sciences and technology.
VARIED	Used for mainly speech-based programmes usually of light-entertainment nature, not covered by other categories. Examples include: quizzes, panel games, personality interviews.
POP M	Commercial music, which would generally be considered to be of current popular appeal, often featuring in current or recent record sales charts.
ROCK M	Contemporary modern music, usually written and performed by young musicians.
EASY M	Current contemporary music considered to be "easy-listening", as opposed to Pop, Rock or Classical, or one of the specialised music styles, Jazz, Folk or Country. Music in this category is often but not always, vocal, and usually of short duration.

LIGHT M	Classical music for general, rather than specialist appreciation. Examples of music in this category are instrumental music, and vocal or choral works.
CLASSICS	Performances of major orchestral works, symphonies, chamber music, etc., and including Grand Opera.
OTHER M	Musical styles not fitting into any of the other categories. Particularly used for specialist music of which Rhythm & Blues and Reggae are examples.
WEATHER	Weather reports and forecasts and meteorological information.
FINANCE	Stock Market reports, commerce, trading, etc.
CHILDREN	For programmes targeted at a young audience, primarily for entertainment and interest, rather than where the objective is to educate.
SOCIAL	Programmes about people and things that influence them individually or in groups. Includes: sociology, history, geography, psychology and society.
RELIGION	Any aspect of beliefs and faiths, involving a God or Gods, the nature of existence and ethics.
PHONE IN	Involving members of the public expressing their views either by phone or at a public forum.
TRAVEL	Features and programmes concerned with travel to near and far destinations, package tours and travel ideas and opportunities. Not for use for announcements about problems, delays, or roadworks affecting immediate travel where TP/TA should be used.
LEISURE	Programmes concerned with recreational activities in which the listener might participate. Examples include, Gardening, Fishing, Antique collecting, Cooking, Food & Wine, etc.
JAZZ	Polyphonic, syncopated music characterised by improvisation.

COUNTRY	Songs which originate from, or continue the musical tradition of the American Southern State characterised by a straightforward melody and narrative story line.
NATION M	Current Popular Music of the Nation or Region in that country's language, as opposed to International "Pop" which is usually US or UK inspired and in English.
OLDIES	Music from the so-called "golden age" of popular music.
FOLK M	Music which has its roots in the musical culture of a particular nation, usually played on acoustic instruments. The narrative or story may be based on historical events or people.
DOCUMENT	Programme concerned with factual matters, presented in an investigative style.
TEST	Broadcast when testing emergency broadcast equipment or receivers.
ALARM !	Emergency announcement made under exceptional circumstances to give warning of events causing danger of a general nature.
NONE	No programme type (receive only).
TP	Broadcasts which carry traffic announcements.
TA	Traffic announcements are being broadcast.

Timer and sleep operation (Remote Control only)

Timer playback:

The unit turns on and plays the desired source (DVD/CD, USB, TUNER, OPTICAL 1, OPTICAL 2, AUX IN, SCART) at a preset time.

This unit has 2 types of timer: ONCE TIMER and DAILY TIMER.

Once timer: Once timer play works for one time only at a preset time.

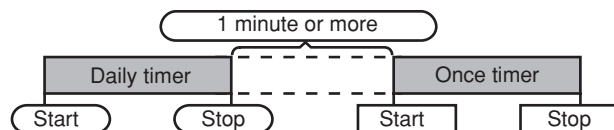
Daily timer: Daily timer play works at the same preset time every day.

For example, set the timer as a wake-up call every morning.

Using the once timer and daily timer in combination:

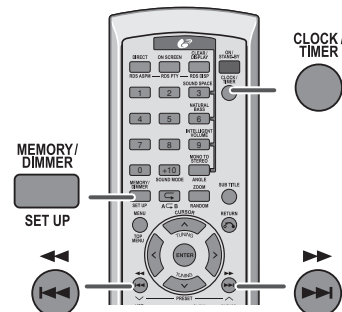
For example, use the once timer to listen to a radio programme, and use the daily timer to wake up.

- 1 Set the daily timer (pages 57 - 59).
- 2 Set the once timer (pages 57 - 59).



Note:

When set times for the daily timer and once timer overlap, the once timer takes priority. Allow an interval of at least 1 minute between operations.



■ Timer playback

Before setting timer:

- 1 Check that the clock is set to the correct time (refer to page 29). If it is not set, you cannot use the timer function.
- 2 For timer playback: Load discs to be played.



1 Press the ON/STAND-BY button to turn the power on.

2 Press the CLOCK/TIMER button.

3 Within 10 seconds, press the ◀◀ or ▶▶ button to select "ONCE" or "DAILY", and press the MEMORY/DIMMER button.



Set the clock to the correct time if "ONCE" or "DAILY" does not appear.

- 4** Within 10 seconds, press the **◀◀** or **▶▶** button to select “ONCE SET” or “DAILY SET”, and press the **MEMORY/DIMMER** button.

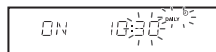


- 5** Press the **◀◀** or **▶▶** button to adjust the hour and then press the **MEMORY/DIMMER** button.



The illustrations show the timer playback setting in the daily timer mode.

- 6** Press the **◀◀** or **▶▶** button to adjust the minutes and then press the **MEMORY/DIMMER** button.



- 7** Set the time to finish as in steps 5 and 6 above.

- 8** Switch input with the **◀◀** or **▶▶** button, and then press the **MEMORY/DIMMER** button.

To select the timer playback source: DVD/CD, USB, OPTICAL 1, OPTICAL 2, AUX IN, SCART or TUNER.

- When you select the tuner, select a station by pressing the **◀◀** or **▶▶** button, and then press the **MEMORY/DIMMER** button.
- If a station has not been programmed, “NO PRESET” will be displayed and timer setting will be cancelled.

- 9** Adjust the volume using the **VOLUME** control, and then press the **MEMORY/DIMMER** button.

Do not turn the volume up too high.

- 10** Press the **ON/STAND-BY** button to enter the power stand-by mode.

The “TIMER” indicator lights up and the unit is ready for timer playback.



Continued to the next page

Timer and sleep operation (Remote Control only) (continued)

11 When the preset time is reached, playback will start.

The volume will increase gradually until it reaches the preset volume.

12 When the timer end time is reached, the system will enter the power stand-by mode automatically.

Once timer:

The timer will be cancelled.

The “☹” indicator will blink during timer playback.

Daily timer:

The timer will operate at the same time every day. It will continue until the daily timer setting is cancelled. Cancel the daily timer when it is not in use.

The “DAILY ☹” indicator will blink during timer playback.

Note:

When performing timer playback using another unit connected to the USB terminal/OPTICAL 1/OPTICAL 2/AUX IN/SCART sockets, select USB or OPTICAL 1 or OPTICAL 2 or AUX or SCART in step 8. This unit will turn on or enter the power stand-by mode automatically. However, the connected unit to USB terminal/OPTICAL 1/OPTICAL 2/AUX IN/SCART sockets will not turn on or off.

Checking the timer setting in the timer stand-by mode:

- 1 Press the CLOCK/TIMER button.
- 2 Within 10 seconds, press the ◀◀ or ▶▶ button to select “ONCE” or “DAILY”, and press the MEMORY/DIMMER button.
- 3 Within 10 seconds, press the ◀◀ or ▶▶ button to select “ONCE CALL” or “DAILY CALL”, and press the MEMORY/DIMMER button.
The unit returns to the timer stand-by mode after displaying the settings in order.

Cancelling the timer setting in the timer stand-by mode:

- 1 Press the CLOCK/TIMER button.
- 2 Within 10 seconds, press the ◀◀ or ▶▶ button to select “ONCE” or “DAILY”, and press the MEMORY/DIMMER button.
- 3 Within 10 seconds, press the ◀◀ or ▶▶ button to select “ONCE OFF” or “DAILY OFF”, and press the MEMORY/DIMMER button.
Timer will be cancelled (the setting will not be cancelled).

Reusing the memorised timer setting:

The timer setting will be memorised once it is entered. To reuse the same setting, perform the following operations.

- 1 Turn the power on and press the CLOCK/TIMER button.
- 2 Within 10 seconds, press the ◀◀ or ▶▶ button to select “ONCE” or “DAILY”, and press the MEMORY/DIMMER button.
- 3 Within 10 seconds, press the ◀◀ or ▶▶ button to select “ONCE ON” or “DAILY ON”, and press the MEMORY/DIMMER button.
- 4 Press the ON/STAND-BY button to enter the power stand-by mode.

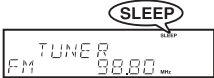
■ Sleep operation

The radio, discs and USB can all be turned off automatically.

- 1 Play back the desired sound source.**
- 2 Press the CLOCK/TIMER button.**
- 3 Within 10 seconds, press the ◀◀ or ▶▶ button to select “SLEEP”, and press the MEMORY/DIMMER button.**

- 4 Press the ◀◀ or ▶▶ button to select the time.
(Maximum: 3 hours - Minimum: 1 minute)**
 - 3 hours - 5 minutes → 5-minute intervals
 - 5 minutes - 1 minute → 1-minute intervals
- 5 Press the MEMORY/DIMMER button.**

“SLEEP” will appear.


- 6 The unit will enter the power stand-by mode automatically after the preset time has elapsed.**

The volume will be turned down 1 minute before the sleep operation finishes.

To confirm the remaining sleep time:

- 1 Whilst “SLEEP” is indicated, press the CLOCK/TIMER button.
 - 2 Within 10 seconds, press the ◀◀ or ▶▶ button to select “SLEEP X : XX”.
- “X : XX” is sleep remaining time.
- The remaining sleep time is displayed for about 10 seconds.
 - You can change the remaining sleep time whilst it is displayed by pressing the MEMORY/DIMMER button (steps 4 - 5).

To cancel the sleep operation:

Press the ON/STAND-BY button whilst “SLEEP” is indicated.

To cancel the sleep operation without setting the unit to the stand-by mode, proceed as follows.

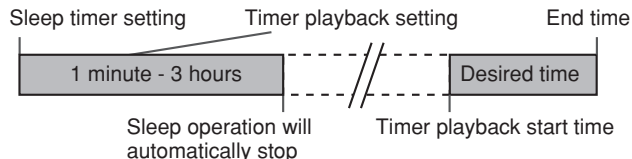
- 1 Whilst “SLEEP” is indicated, press the CLOCK/TIMER button.
- 2 Within 10 seconds, press the ◀◀ or ▶▶ button to select “SLEEP OFF”, and press the MEMORY/DIMMER button.

■ To use timer and sleep operation together

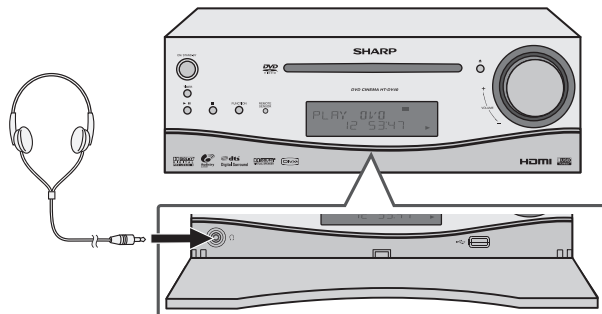
Sleep and timer playback:

For example, you can fall asleep listening to the radio and wake up to CD the next morning.

- 1 Set the sleep time (see left, steps 1 - 5).
- 2 Whilst the sleep timer is set, set the timer playback (steps 2 - 10, pages 57 - 58).



Headphone connection



- Before plugging in or unplugging the headphone, reduce the volume.
- Be sure your headphone have a 3.5 mm (1/8") diameter plug and impedance between 16 and 50 ohms. The recommended impedance is 32 ohms.
- Plugging in the headphone disconnects the speakers automatically. Adjust the volume using the VOLUME control.

Troubleshooting chart

Many potential problems can be resolved by the owner without calling a service technician.

If something is wrong with this product, check the following before calling your authorised SHARP dealer or service centre.

■ General

Symptom	Possible cause
• The power is not turned on.	• Is the unit unplugged?
• No sound is heard.	• Is the volume level set to "0"? • Are the headphones connected? • Are the speaker wires disconnected?
• The sounds from speakers are not well balanced.	• Are the speaker wires connected to the wrong channels?
• Noise is heard during playback.	• Move the unit away from any computers or mobile phones.
• When a button is pressed, the unit does not respond.	• Set the unit to the power stand-by mode and then turn it back on. • If the unit still malfunctions, disconnect the unit from the mains for 30 seconds, then reconnect.
• Interference or noise occurs on the TV image.	• Is the unit placed near TV with internal aerial? Use an external aerial.
• The display on the unit is dark.	• Is the display in the dimmer mode?
• No images are displayed.	• Is the TV turned on? • Is the TV input switched on?

■ DVD player

Symptom	Possible cause
● Even though a disc is loaded, "No Disc" is displayed.	● Is the disc loaded upside down? ● Is the disc very dirty? ● Does the disc satisfy the standards? ● Is the unit located near excessive vibrations?
● Playback sounds are skipped.	● Is condensation formed inside the unit?
● The control buttons do not function. Music or video playback is interrupted.	● Is the disc very dirty? ● Does the disc satisfy the standards? ● Is the unit located near excessive vibrations? ● Is condensation formed inside the unit?
● Pictures and sound are skipped.	● Is the disc very dirty? ● Is the unit located near excessive vibrations? ● Is condensation formed inside the unit?
● The unit does not operate even if the power is on.	● Is a disc other than a DVD (region number at the back of the unit), audio CD, CD-R or CD-RW loaded?

Symptom	Possible cause
● Images cannot be played back. (Sound is not heard.)	● Are the video and audio cables connected improperly? ● Is a disc other than a DVD (region number 2 or ALL), audio CD, CD-R or CD-RW loaded? ● Is the disc very dirty? ● Is the disc loaded upside down? ● Is the optical pick up dirty? ● Is the TV input set to video (VIDEO 1, VIDEO 2, etc.)? ● Is the unit turned on?

■ USB

Symptom	Possible cause
● Device cannot be detected.	● Is there any MP3/WMA file available? ● Is the device properly connected? ● Is it MTP device? ● Does the device contain AAC files only?
● Playback does not start.	● Is it a copyright protected WMA file? ● Is it a false MP3 file?
● Wrong time display. ● Wrong file name display.	● Is Variable Bitrate file being played back? ● Is the File Name written in Chinese or Japanese characters?

Troubleshooting chart (continued)

■ Remote control

Symptom	Possible cause
The remote control does not operate.	- Is the AC power lead of the unit plugged in? - Is the battery polarity correct? - Are the batteries dead? - Is the distance or angle incorrect? - Is there a strong light shining on the remote sensor?

■ Tuner

Symptom	Possible cause
The radio makes unusual noises continuously.	- Is the unit placed near the TV or computer? - Is the FM aerial or AM loop aerial placed properly? Move the aerial away from the AC power lead if it is located nearby.

■ Condensation

Sudden temperature changes, storage or operation in an extremely humid environment may cause condensation inside the cabinet (CD pickup, etc.) or on the transmitter on the remote control.

Condensation can cause the unit to malfunction. If this happens, leave the power on with no disc in the unit until normal playback is possible (about 1 hour). Wipe off any condensation on the transmitter with a soft cloth before operating the unit.

■ If trouble occurs

When this product is subjected to strong external interference (mechanical shock, excessive static electricity, abnormal supply voltage due to lightning, etc.) or if it is operated incorrectly, it may malfunction.

If such a problem occurs, do the following:

- Set the unit to the stand-by mode and turn the power on again.
- If the unit is not restored in the previous operation, unplug and plug in the unit, and then turn the power on.

Note:

If neither operation above restores the unit, clear all the memory by resetting it.

■ Before transporting the unit

Remove the CD from the unit. Make sure there is no CD in the disc tray. Then, set the unit to the power stand-by mode. Carrying the unit with disc left inside can damage the unit.

■ Factory reset, clearing all memory

- Press the ON/STAND-BY button to enter the power stand-by mode.
- Whilst pressing down the  button, press the ON/STAND-BY button until "CLEAR ALL" appears.



Caution:

This operation will erase all data stored in memory including clock, timer settings, tuner preset and CD programme.

■ Error indicators and warning

When you load an unplayable disc or fail to perform operations properly, the following messages are displayed on the unit and the TV screen.

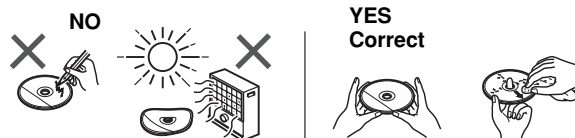
Display	Meaning
E7	● Malfunction of surround circuit. ● Place the unit away from noise source and plug the AC power lead into another wall socket. (*)
ERROR	● The unit considers the DVD mechanism is defective. (*)
FAN LOCK	● The cooling fan on the rear of the unit does not run. Unplug the AC power lead and check if foreign object get caught around the cooling fan.
NO DISC	● The disc is not loaded.
NO SIGNAL	● The digital audio input socket is not connected properly. ● Unspecified signal is received and cannot be recognised.
NO SUPPORT	● When copyright protected WMA file is played back.

(*): Set the main unit to the stand-by mode and turn the power on again, or unplug and plug it back in. Should the same message appear, contact your authorised SHARP dealer or service centre.

■ Care of compact discs

Compact discs are fairly resistant to damage, however mistracking can occur due to an accumulation of dirt on the disc surface. Follow the guidelines below for maximum enjoyment from your CD collection and player.

- Do not write on either side of the disc, particularly the non-label side from which signals are read. Do not mark this surface.
- Keep your discs away from direct sunlight, heat, and excessive moisture.
- Always hold the CDs by the edges. Fingerprints, dirt, or water on the CDs can cause noise or mistracking. If a CD is dirty or does not play properly, clean it with a soft, dry cloth, wiping straight out from the centre, along the radius.



Maintenance

■ Cleaning the cabinet

Periodically wipe the cabinet with a soft cloth and a diluted soap solution, then with a dry cloth.

Caution:

- Do not use chemicals for cleaning (petrol, paint thinner, etc.). It may damage the cabinet finish.
- Do not apply oil to the inside of the unit. It may cause malfunctions.

Specifications

As part of our policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual units.

■ Main Unit

Power source	AC 220 - 240 V ~ 50 Hz
Power consumption	Power on: 82 W Power stand-by: 0.6 W (*)
Output power	PMPO: 500 W Front Speaker: MPO: 150 W (75 W + 75 W) (DIN 45 324) RMS: 150 W (75 W + 75 W) (DIN 45 324) RMS: 90 W (45 W + 45 W) (DIN 45 500) Subwoofer: MPO: 100 W (DIN 45 324) RMS: 100 W (DIN 45 324) RMS: 55 W (DIN 45 500)
Video output terminals	SCART output: SCART terminal x 1 Video output: RCA type x 1 S-video output: S-terminal x 1 Component video output: (Y/P _B /P _R) x 1 HDMI output : HDMI x 1 Support 480p/570p/1080i output formats.
Audio input terminals	Optical digital input (DIGITAL 1): Square type x 1 Optical digital input (DIGITAL 2): Square type x 1 Analogue input : 500 mV/47k ohms
Audio output terminals	Speakers: 4 ohms Subwoofer: 12 ohms Headphones: 16 - 50 ohms (recommended: 32 ohms)
Dimensions	Width: 300 mm (11-13/16") Height: 106 mm (4-1/8") Depth: 300 mm (11-13/16")
Weight	3.8 kg (8.4 lbs.)

(*) This power consumption value is obtained when the demonstration mode is cancelled in the power stand-by mode.
Refer to page 17 to cancel the demonstration mode.

■ USB

USB host interface	● Complies with USB 1.1/2.0 (Full Speed) Mass Storage Class. ● Support Bulk only and CBI protocol.
Support file	● MPEG 1 Layer 3 ● MPEG 2 Layer 3 ● WMA (Non DRM)
Bitrate support	● MP3 (32 - 320 kbps) ● WMA (64 - 160 kbps)
Other	● Maximum total number of MP3/WMA files is 65 535. ● Maximum total number of folders is 512 INCLUSIVE of root directory. (Folders which have non playable files also counted.) ● The ID3TAG information supported are TITLE, ARTIST and ALBUM only. ● Support ID3TAG version 1 and version 2.
File system support	● Support USB devices with Microsoft Windows/DOS/FAT 12/FAT 16/FAT 32. ● 2 kbyte block length for sector.

■ Tuner

Frequency range	FM: 87.5 - 108 MHz
Other	Maximum station can be stored is 30 preset.

■ DVD player

Signal system	PAL/NTSC colour	
Supported disc types	DVD (with the same region number at the back of the unit), audio CD, CD-R, CD-RW, JPEG, DivX (version 3 ~ 6)	
Video signal	Horizontal resolution: 500 lines S/N ratio: 70 dB	
Audio signal	Frequency characteristics	Linear PCM DVD: 20 Hz to 20 kHz (sampling rate: 48 kHz) 20 Hz to 20 kHz (sampling rate: 96 kHz) CD: 20 Hz to 20 kHz
	S/N ratio	CD: 94 dB (1 kHz)
	Dynamic range	Linear PCM DVD: 95 dB CD: 94 dB
	Total harmonic distortion ratio	0.01% maximum

■ CP-DV40H Speaker

Type	2-way type speaker system 2.5 cm (1") tweeter 8 cm (3-1/8") woofer (x 2)
Maximum input power	150 W
Rated input power	75 W
Impedance	4 ohms
Dimensions	Width: 300 mm (11-13/16") Height: 129 mm (5-1/16") Depth: 160 mm (6-5/16")
Weight	2.1 kg (4.6 lbs.)/each

■ CP-DV50H Speaker

Type	2-way type speaker system 2.5 cm (1") tweeter 6.5 cm (2-1/2") woofer (x 3)
Maximum input power	150 W
Rated input power	75 W
Impedance	4 ohms
Dimensions	Width: 100 mm (3-15/16") Height: 1243 mm (48-15/16") Depth: 114 mm (4-1/2")
Weight	7.1 kg (15.65 lbs.)/each

■ Subwoofer

Type	Subwoofer system 20 cm (8 ") subwoofer
Maximum input power	200 W
Rated input power	100 W
Impedance	12 ohms
Dimensions	Width: 220 mm (8-11/16") Height: 354 mm (13-15/16") Depth: 438 mm (17-1/4")
Weight	7.6 kg (16.7 lbs.)

SHARP

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SonninstraÙe 3, D-20097 Hamburg

SHARP CORPORATION

TINSA327AWZZ
07M RAS ①

↑
UP

HT-DV40H/HT-DV50H

DVD CINEMA

SHARP

DOWN