DVD MINI HI-FI SYSTEM

FWD185

Register your product and get support at
www.philips.com/welcome
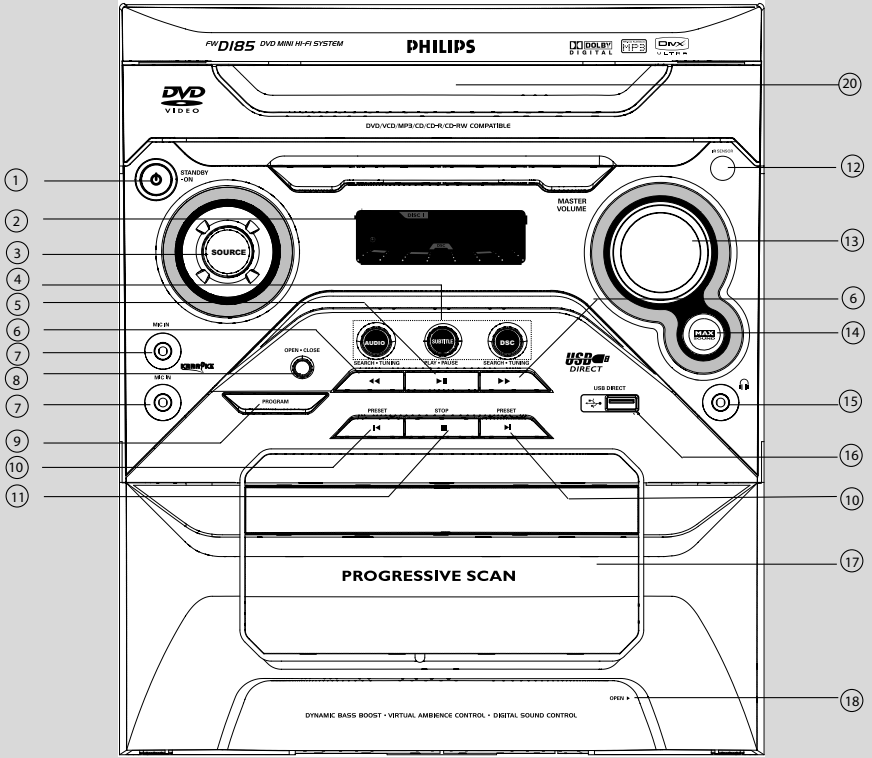
User Manual
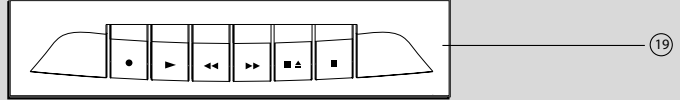
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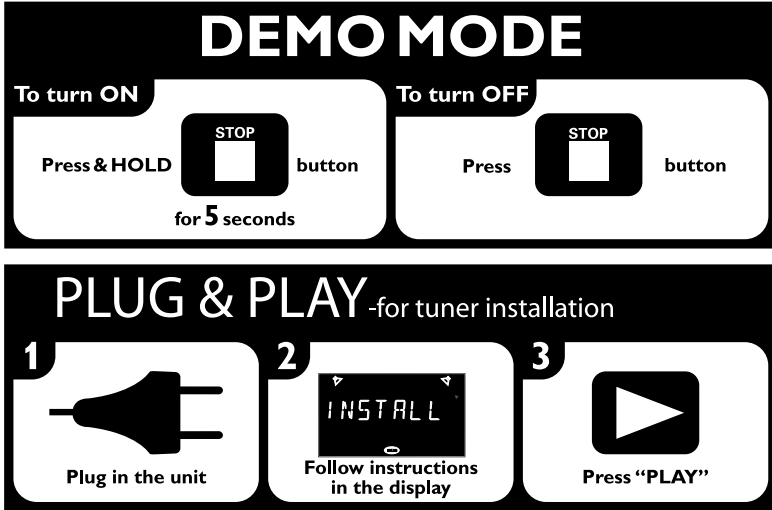
CAUTION
Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

Top view of cassette key

3

DEMO MODE

To turn ON

Press & HOLD [STOP] button
for **5** seconds

To turn OFF

Press [STOP] button

PLUG & PLAY -for tuner installation

1

Plug in the unit

2

INSTALL

Follow instructions in the display

3

Press "PLAY"

Contents

Contents

Congratulations on your purchase and welcome to Philips!

To Fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.

Features

Your DVD Mini Hi-Fi System with 2-channel full analog amplifier creates the same dynamic sound qualities that you find in full-fledged cinemas and incorporates some of the best features in home theater technology.

Additional Component Connections

Lets you connect other audio and audio/visual components to the system so you can use the system's speakers.

Night mode

Lets you compress the dynamic range, reducing the difference in loudness between different sounds in Dolby Digital mode.

Parental control (rating level)

Lets you set a rating level so that your children cannot watch a DVD that has a rating higher than you set.

Sleep timer

Enables the system to switch to standby mode automatically at a preset time.

Discs for playback

Your DVD Mini Hi-Fi System will play:
– Digital Video Discs (DVDs)
– Video CDs (VCDs)
– Super Video CDs (SVCDs)
– Digital Video Discs + Rewritable (DVD+RW)
– Compact Discs (CDs)
– Picture (Kodak, JPEG) files on CDR(W)
– Windows Media™ Audio discs
– Supported MP3-CD / DivX Ultra format.
• ISO 9660 / UDF format
• Max. title/album name –14 characters
  Max. title number plus album is 300.
• Max. nested directory is 8 levels.
• The max. album number is 32.
• The max. MP3 track number is 650.
• Supported sampling frequencies for MP3 disc: 32 kHz, 44.1 kHz, 48 kHz.
• Supported Bit-rates of MP3 disc are: 32, 64, 96, 128, 192, 256 (kbps).
– Following formats can't be supported
• The files like *.VMA, *.AAC, *.DLF, *.M3U, *.PLS, *.WAV

• Non-English Album/Title name
• The discs recorded under Joliet format

Region codes

DVDs must be labeled for **ALL regions** or for **Region 5** in order to play on this system. You cannot play discs that are labeled for other regions.

Notes:

– For mixed mode discs, only one mode will be selected for playback according to the recording format.

– If you are having trouble playing a certain disc, remove the disc and try a different one. Improperly formatted discs will not play on this system.

Supplied accessories

– 1 composite video cable (yellow)
– 1 component video cable (red/blue/green)
– 1 audio cable (white, red)
– 1 FM wire antenna
– 1 FM T-Type antenna (not for all countries)
– 1 MW loop antenna
– 1 remote Control
– 1 AC power cable
– This instruction booklet and a Quick Use Guide

Environmental information

Any unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet).

Your system consists of materials which can be recycled and reused if disassembled by a specialised company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

General Information/Maintenance

Care and safety information

Avoid high temperatures, moisture, water and dust

● Do not expose the system, batteries or discs to humidity, rain, sand or excessive heat (caused by heating equipment or direct sunlight). Always keep disc trays closed to avoid dust buildup on the lens.

● No objects filled with liquids, such as vases, shall be placed on the apparatus.

● No naked flame sources, such as lighted candles, should be placed on the apparatus.

Avoid condensation problem

● The lens may cloud over when the player is suddenly moved from cold to warm surroundings, making it impossible to play a disc. Leave the player in the warm environment until the moisture evaporates.

Do not block the vents

● Do not operate the system in an enclosed cabinet and allow about 10 cm (4 inches) of free space all around the player for adequate ventilation.

● The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers table-cloths, curtains, etc.

Cleaning the cabinet

● Use soft cloth slightly moistened with a mild detergent solution. Do not use a solution ontaining alcohol, spirits, ammonia or abrasives.

Cleaning discs

● To clean a CD, wipe it in a straight line from the center towards the edge using soft and lint-free cloth. A cleaning agent may damage the disc.

● Write only on the printed side of a CDR(W) and only with a soft felt-tipped pen.

● Handle the disc by its edge. Do not touch the surface.

Cleaning the disc lens

● After prolonged use, dirt or dust may accumulate at the disc lens. To ensure good playback quality, clean the disc lens with Philips CD Lens Cleaner or any commercially available cleaner. Follow the instructions supplied with cleaner.

Finding a suitable location

● Place the player on a flat, hard, stable surface.

Cleaning the head and the tape paths

● To ensure good recording and playback quality, clean the head Ⓐ, the capstan(s) Ⓑ, and pressure roller(s) Ⓒ after every 50 hours of tape operation.

● Use a cotton swab slightly moistened with cleaning fluid or alcohol.

● You also can clean the head by playing a cleaning tape once.

Demagnetising the head

● Use a demagnetising tape available at your dealer.

● Don't expose the system to dripping or splashing.

● Install this unit near the AC outlet and where the AC Power can be reached easily.

● When the system is switched to standby mode, it is still consuming some power. To disconnect the system from the power supply completely, remove the AC power plug from the wall sockets.

● Where the mains plug is used as the disconnect device, the disconnect device shall readily operable.

Step 1: Placing speakers and subwoofer

Place the front left and right speakers at equal distances from the TV set and at an angle of approximately 45 degrees from the listening position.

Notes:
– To avoid magnetic interference, do not position the front speakers too close to your TV set.
– Allow adequate ventilation around the DVD Mini Hi-Fi System.

Step 2: Connecting speakers and subwoofer

Connect the speaker wires to the SPEAKERS (FRONT) terminals, right speaker to "R" and left speaker to "L", coloured (marked) wire to "+" and black (unmarked) wire to "–". Fully insert the stripped portion of the speaker wire into the terminal as shown.
Connect the subwoofer using subwoofer cable to the SUBWOOFER OUT jack on the DVD Mini Hi-Fi System to active input jack.

Notes:
– For optimal sound performance, use the supplied speakers.
– Do not connect more than one speaker to any one pair of +/- speaker terminals.
– Use an active subwoofer only.
– Do not connect speakers with an impedance lower than the speakers supplied. Please refer to the SPECIFICATIONS section of this manual.

Speakers	⊖	⊕
Front Left (L)	Black	White
Front Right (R)	Black	Red

IMPORTANT!
The type plate is located on the rear of the system.

To avoid overheating of the system, a safety circuit has been built in. Therefore, your system may switch to Standby mode automatically under extreme conditions. If this happens, let the system cool down before reusing it.

Connections

Step 3: Connecting TV set

IMPORTANT!
– You only need to make one video connection from the following options, according to the capabilities of your TV system.
– S-Video or Component Video connection provides higher picture quality. These options must be available on your TV set.
– Connect the system directly to the TV set.

Using Video In jack (CVBS)

● Use the composite video cable (yellow) to connect the system's **VIDEO** jack to the video input jack (or labeled as A/V In, Video In, Composite or Baseband) on the TV set.

Using LINE OUT jack (L/R)

● To listen to this system channels through TV , use the audio cables (white/red) to connect **LINE OUT (L/R)** jacks to the corresponding AUDIO IN jacks on the TV set.

Using component Video In jack (Pr Pb Y)

● Use the component video cables (red/blue/green) to connect the system's **PR PB Y** jacks to the corresponding Component video input jacks (or labeled as Pr, Pb, Y or YUV) on the TV set.
● To listen to this system channels through TV , use the audio cables (white/red) to connect **LINE OUT (L/R)** jacks to the corresponding AUDIO IN jacks on the TV set.

Using S-Video In jack

● Use the S-Video cable (not supplied) to connect the system's **S-VIDEO** jack to the S-Video input jack (or labeled as Y/C or S-VHS) on the TV set.

● To listen to this system channels through TV, use the audio cables (white/red) to connect **LINE OUT (L/R)** jacks to the corresponding AUDIO IN jacks on the TV set.

Using Headphone jack

● To listen to TV channels through this system, use the audio cables (white/red, not supplied) to connect **AUX IN (L/R)** jacks to the HEADPHONE jacks (stereo jack with a diameter 3.5mm) on the TV set.

Using an accessory RF modulator

● Use the composite cable (yellow) to connect the system's **VIDEO** jack to the video input jack on the RF modulator.

● Use the RF coaxial cable (not supplied) to connect the RF modulator to your TV's RF jack.

IMPORTANT!-
– If your TV set only has a single Antenna In jack (or labeled as 75 ohm or RF In), you will need a RF modulator in order to view the DVD playback via TV. See your electronics retailer or contact Philips for details on RF modulator availability and operations.

11

plied MW loop antenna to the
the MW loop antenna on a
to a stand or wall.

plied FM antenna to the **FM**
FM antenna and fix its end to

ereo reception, connect an
nna to the FM ANTENNA

ition of the antennas for optimal

*tennas as far as possible from
or other radiation sources to*

Note:

*– For better reception, please
two pronges of the T-TYPE an
alignment with each other.*

Step 5: Connecting cord

**After everything is conn
plug in the AC power co
outlet.**

Never make or change any c
power switched on.

Step 6: Connecting a VCR or cable/satellite box

Viewing and listening to playback

❶ Connect the VCR or Cable/Satellite Box to the TV system as shown.

❷ Connect the system's **AUX IN** jacks to the AUDIO OUT jacks on the VCR or Cable/Satellite box.

Before starting operation, press **AUX** on the remote control to select "AUX" in order to activate the input source.

Using the VCR for recording DVDs

Some DVDs are copy-protected. You cannot record or dub protected discs using a VCR.

❸ Connect the system's **VIDEO** jack to the VIDEO IN jack on the VCR.

❹ Connect the system's **LINE OUT (R/L)** jacks to the AUDIO IN jacks on the VCR. This will allow you to make analog stereo (two channel, right and left) recording.

To view DVD playback while recording
You must connect the system to your TV system using the S-VIDEO (as shown above) or the Component (Pr Pb Y) video connection.

Step 7: Connecting digital audio equipment

Recording(digital)

Connect the system's **DIGITAL OUT** jack to the DIGITAL IN jack on a digital recording device (DTS-Digital Theater System compatible, with a Dolby Digital decoder, for example).

Before operation, set the DIGITAL OUTPUT according to the audio connection.

Y ON ⏻ or **SOURCE** key
el.

ll switch to the last selected

TUNER, USB or **AUX** on the

ll switch to the selected source.

system to Standby mode
Y ON ⏻ on the system (or
e control) in the active mode.
of display is dim in standby.

automatic standby

g feature, the system will
tch to standby mode if you do
ttons within 15 minutes after a
stopped playing.

tion mode

, demonstration mode that
atures offered by the system.
ows you to display all function
one on the VFD.

demonstration

s and hold **STOP** key on the
more than 5 seconds to activate

s displayed.
n will begin.

g demonstration

on the system until
displayed.
ill switch to Standby mode.

ove the AC power cord and

---

to select the audio channel...

SUBTITLE
– to select the preferred langu

SOUND
– to select various sound effec

⑤ ▶II **(PLAY/PAUSE)**
for DISC/USB
- to start or interrupt playba
- to resume playback from la

⑥ ◀◀ / ▶▶
– **for DISC/USB** ..... **to search**
– for TUNER ....to tune to
radio frequ

⑦ **MIC IN.**
– to connect microphone jack

⑧ **OPEN.CLOSE**
- to open or close the disc tr

⑨ **PROGRAM**
– for DISC/USB............ to prog
– for TUNER........ to program f

⑩ **I◀ / ▶I**
– for DISC..........to skip to the
chapter/track.
– for TUNER..............to select a

⑪ **STOP** ■
– for DISC/USB................ to sto
clear a programme.
– for TUNER............to delete a
station.

⑫ **SENSOR**
– point the remote control to

⑬ **MASTER VOLUME**
– to adjust master volume lev

⑭ **MAX**
– to activate/deactivate max s

⑮ 🎧
– to connect headphones.

PHILIPS

... source you wish to control by ... e source select keys on the ... ISC or TUNER, for example). ... e desired function (►►, I◄ or

... vant active mode: DISC, USB,

... between FM and MW band.

... ous sound track / channel on ... D/DivX.

... subtitle.

... fic section on a disc.

– previous/next chapter/track.
– in Tuner mode, to select a p... number.

⑩ **VOL +/-**
– adjust the volume level.

⑪ **DISPLAY (OSD)**
– to view the time, title or cha...

⑫ **Numeric Keypad (0-9)**
– to enter a track/title number...
– to enter a number of preset...

⑬ **GOTO**
– to go direct to desired title,...

⑭ **MAX**
- to activate or deactivate m...

⑮ **SOUND**
– to select various sound effe...

⑯ (¹)
– to switch to standby mode.

⑰ **ZOOM**
– to access the Zoom functio...

⑱ **ANGLE**
- to select the angles cyclically

⑲ **SLEEP**
– to set the sleep timer functi...

⑳ **MODE**
– to select REPEAT or SHUFF...

㉑ **MENU**
– to enter or exit the disc con...

㉒ **OK**
– to exit or confirm the select...

㉓ ►II
– to start or interrupt disc/US...
– to resume playback from las...
  ■
– for DISC / USB......to stop pl...
  programme.

Preparations

IMPORTANT!
– Make sure to complete the preparation procedures before operating the system.

Step 1: Inserting batteries into the remote control

(1) Open the battery compartment.
(2) Place two batteries (Type LR03 or AAA) in the compartment with the correct polarity as indicated by "+" and "–" symbols.
(3) Close the cover.

Using the remote control to operate the system

1 Point the remote control directly to the remote sensor (IR) on the front panel.

2 Select the source you wish to control by pressing one of the source select buttons on the remote control (for example DISC, TUNER).

3 Then select the desired function (for example ►II, I◄ or ►I).

CAUTION!
– Remove batteries if they are exhausted or will not be used for a long time.
– Do not use old and new or different types of batteries in combination.
– Batteries contain chemical substances, so they should be disposed of properly.

Step 2: Setting the TV set

IMPORTANT!
– Make sure you have completed all the necessary connections.

1 Press **SOURCE** key on the front panel (or press **DISC** on the remote control).

2 Turn on the TV set and set to the correct Video-In channel. You should see the blue Philips DVD background screen on the TV set.
➜ You may go to channel 1 on your TV set, then press the channel down button repeatedly until you see the Video In channel.
➜ Or, you can use the TV remote control to select different video modes.
➜ Or, set TV to channel 3 or 4 if you are using an RF modulator.

Selecting the color system that matches your TV set

This DVD Mini Hi-Fi System is compatible with both NTSC and PAL. For the playback of a DVD disc on this DVD Mini Hi-Fi System, the color systems of the DVD, TV set and DVD Mini Hi-Fi System should match.

1 In DISC mode, press **SETUP** on the remote control.

2 Press ◀ / ▶ / ▲ / ▼ keys on the remote control to select your preferred option.

➜ Move to "Video Setup Page" and press ▼.
➜ Move to "TV Type" and press ▶.

PAL

– Select this if the connected TV set is PAL system. It will change the video signal of an NTSC disc and output to PAL format.

NTSC

– Select this if the connected TV set is NTSC system. It will change the video signal of a PAL video disc and output to NTSC system.

Multi

– Select this if the connected TV set is compatible with both NTSC and PAL (multi system). The output format will be consistent with the video signal of the disc.

3 Select an item and press **OK** on the remote control.

To remove the menu
Press **SETUP**.

Step 3: Setting language preference

You can select your preferred language settings so that this DVD Mini Hi-Fi System will automatically switch to the language for you whenever you load a disc. If the language selected is not available on the disc, the language set by default will be used instead. But the menu language of the DVD Mini Hi-Fi System cannot be changed once selected.

⚙ ◁ 🗔 ⠿ ⇨	PHILIPS
Preference Page	
AUDIO	**English**
Subtitle	French
Disc Menu	Spanish
Parental	Chinese
Password	Japanese
DivX Subtitle	Korean
Default	Russian
	Thai ▽

1 In disc mode, stop playback and press **SETUP.**

2 Press ◀ / ▶ / ▲ / ▼ keys on the remote control to select your preferred option.

➜ Move to "Preference Page" and press ▼.
➜ Move to one of the following and press ▶.

– Audio (disc's soundtrack)
– Subtitle (disc's subtitles)
– Disc Menu (on screen menu)

3 Press ▲ / ▼ to select a language and press **OK**.

4 Repeat **steps 2~3** for other settings.

To remove the menu
Press **SETUP**.

Disc Operations

IMPORTANT!

– This system is designed for regular discs. Therefore, do not use any accessories such as disc stabiliser rings or disc treatment sheets, etc., as offered on the market, because they may jam the disc mechanism.

– Do not move the system during playback. Doing so may damage the system.

– Do not push on the disc tray or put any object other than disc on the disc tray. Doing so may cause the system to malfunction.

– DVD discs and players are designed with regional restrictions. Before playing a disc, make sure the disc matches the regional code of your player.

– According to the format requirement of DVD or VCD, some operations may be different or restricted.

Playing discs

1 Press **DISC** to select disc mode.

2 Power on the TV system and set to the correct Video In channel.
→ You should see the blue Philips DVD background screen on the TV set.

3 Press **OPEN/CLOSE** to open the disc tray and load a disc respectively.
→ Make sure the disc label is facing up. For double-sided discs, load the side you want to play facing up.

4 Press **OPEN•CLOSE** to close the disc tray.
→ "*LOADING*" will be displayed .

● Some discs can play automatically. For discs with Table Of Contents, a menu may appear on the TV screen. When the menu is displayed, press ◀ / ▶ / ▲ / ▼ keys to highlight your selection and press **OK** to confirm. To select a play option, press **numeric keys (0-9)**.
→ If the disc is locked by parental control, you must enter your six-digital password .

5 Press ▶II to start playback.

For MP3/WMA

● Load an MP3/WMA disc in the disc tray.
→ Press **MENU** to select File list , Folder or Playlist (if available).

Notes:
– Load discs with the label side facing up.
– To ensure good system performance, wait until disc reading is completed before proceeding.

Using the menu

For disc with Table Of Contents, a menu may appear on the TV screen once you load the disc.

To select a playback feature or item

● Press ◀◀ / ▶▶ / ▲ / ▼ or **numeric keys (0-9)** on the remote control, then press ▶II or **OK** to start playback.

To access or remove the menu

● Press **MENU** on the remote control.

Basic playback controls

To start playback

● Press ►II.

To interrupt playback

● Press ►II.
● To resume playback, press ►II again.

To stop playback

● Press ■.

Skipping to another title (track)/chapter

For DVD/VCD

● During playback, press I◄ to skip to the beginning of the current title (track) /chapter; press I◄ twice in 2 seconds to skip to the previous title (track)/chapter, and press ►I to skip to the next title (track)/chapter.

For MP3/JPEG/WMA

● Press I◄ or ►I on the front panel or on the remote control repeatedly during playback to skip to the previous or next track.

Notes:
– Each press will take the disc to the beginning of the previous or next title (track) / chapter.
– If the player has been set to repeat chapter (track), pressing this button will replay the same chapter (track) from its beginning.

To go directly to any title (track) / chapter

For CD/VCD/MP3/DivX/WMA

● Use the **numeric keys (0-9)** to enter the number of the desired track.

For DVD

● Please see ''Moving to another title/chapter''.

Fast search

1 Press ◄◄ or ►► on the front panel (or on the remote control) to fast reverse or forward the disc.

2 To resume normal play, press ►II.

Continuing playback from the last stop point

● In stop mode and before the disc is removed, press ►II to resume playback from where you have stopped.

To cancel the resume mode

● Press ■ again, or go into **STANDBY** or press the **OPEN/CLOSE** key.

Note:
– Resume information will be erased if you have changed the disc, opened the disc tray, changed source or disconnected the system from the power supply.

Selecting various mode functions

Repeat/Shuffle play mode

You can only select the Repeat play and Shuffle play mode during playback for DVD/VCD/CD, but for MP3 / DivX/WMA , in stop/playback mode, you can also select Repeat play and Shuffle play mode.

For DVD - repeat chapter/title

● Press **MODE** repeatedly to select the following:
REPEAT CHAPTER ➜ REPEAT TITLE ➜ SHUFFLE ➜SHUFFLE REPEAT➜REPEAT OFF

For SVCD/VCD/CD - repeat track/disc

● Press **MODE** repeatedly to select the following:
REPEAT TRACK ➜ REPEAT ALL➜SHUFFLE ➜SHUFFLE REPEAT➜ REPEAT OFF

For MP3/DivX/WMA repeat - track/ album/disc

in Folder mode:
● Press **MODE** repeatedly to select the following:
REPEAT ONE ➜ REPEAT ALL ➜ SHUFFLE ➜ FOLDER(REPEAT OFF)
in File list / Playlist mode:
● Press **MODE** repeatedly to select the following:
REPEAT ONE ➜ REPEAT ALL ➜ SHUFFLE ➜ REPEAT OFF

In shuffle playback mode:

● Press ►I button to select another track in a shuffle order.

● Press ■ to stop shuffle playback.

Disc Operations

To cancel Shuffle mode:

● Press **MODE** repeatedly to select ''REPEAT OFF'' mode.
Notes:
– In Tuner or Tape mode, this button does not function.
– When the disc tray is opened, Shuffle/Repeat function will be cancelled automatically.
– For SVCD and VCD discs, the Repeat function is not available when the PBC function is set to "ON".

Repeating a section within a chapter/track

You can play a specific section in a chapter/track repeatedly.

1 Press **REPEAT A-B** at your chosen start point.

2 Press **REPEAT A-B** again at your chosen end point.
➜ The passage will now repeat continuously.

3 To resume normal play, press **REPEAT A-B** again.

Note:
– The REPEAT A-B function can only be set within the same chapter or track.

Programming favorite tracks

You can play the contents of the disc in the order you want.

For DVD/VCD/SVCD/CD

1 Press **PROGRAM** on the system or **PROG** on the remote control.
➜The programming menu appears.

```
Program: Track (01-16)

 1  04          6  __
 2  10          7  __
 3  12          8  __
 4  __          9  __
 5  __         10  __
                Exit   Start   Next ▶▶|
```

2 Use the **numeric keys (0-9)** to input the track (title) /chapter number in the order you want. (must enter two-digital, such as 04)
➜ If there are more than ten programmed tracks, select {**NEXT**} on the screen and press

OK (or press ▶▶| on the remote control) to access the next programming page.

3 Once completed, select {**Start**} on the screen and press **OK** to play the program.

4 To stop playback, press ■ once.

5 To exit the programming mode, select {**Exit**} in the menu and press **OK**
– Or press **PROG** on the remote control to exit the programming mode.

For MP3/JPEG/WMA

1 Press ▲ / ▼ to select a track/picture on the disc menu. then press **PROGRAM** to add the track/picture to playlist.
➜''Add To Playlist'' will show on the disc menu.

2 Press **MENU** repeatedly to select playlist menu.

3 Press ▲ / ▼ to select a track/picture and press **OK** to start playback.
➜In programming playlist, you can select a track/picture and press **PROGRAM** to move it

4 Press **STOP** to stop program playback .

5 Press **MENU** to return to File list.

Notes:
- At most 20 tracks can be stored for DVD/VCD/SVCD/CD.
- At most 100 tracks can be stored for MP3/JPEG/WMA.

Playing in slow motion mode

For DVD

1 Press ▲ / ▼ repeatedly to select the required slow motion speed:
Press ▼ : |▶ 1/2 ➜|▶ 1/4 ➜|▶ 1/8 ➜|▶ 1/16 ➜ ▶ (PLAY)......
Press ▲ : ◀| 1/2 ➜◀| 1/4 ➜◀| 1/8 ➜◀| 1/16 ➜ ▶ (PLAY)......
|▶ = slow forward
◀| = slow reverse
For VCD (only slow forward function is available)

2 Press ▼ to select the required slow motion speed:
|▶ 1/2 ➜|▶ 1/4 ➜ |▶ 1/8 ➜|▶ 1/16 ➜ ▶ (PLAY)......

3 Press ▶II to cancel the slow function.

Note:
– This function is not available for CD, MP3, WMA or Divx discs.

Special DVD/VCD features

Changing subtitle language

This operation only works on DVDs with multiple subtitle languages.

● Press **SUBTITLE** to select the desired language.

Changing the pictures scales

This operation only works on VCDs/DVDs/ JPEGs with images.

For VCD/DVD:

● Press **ZOOM** to change the zooming scale:
ZOOM X2 ➞ZOOM X3 ➞ZOOM X4
➞ZOOM X1/2 ➞ZOOM X1/3 ➞ZOOM
X1/4➞ (ZOOM OFF)...

For JPEG:

● Press **ZOOM** to change the picture zooming scale:
ZOOM X100% ➞ZOOM X125% ➞ZOOM
X150% ➞ZOOM X200% ➞ZOOM X75%
➞ZOOM X50%➞ (ZOOM OFF)...

● To pan through the enlarged image, press ◀ / ▶
/ ▲ / ▼ buttons to move the zoomed picture left, right, up or down.

● Press **ZOOM** repeatedly to select ZOOM OFF to exit ZOOM mode.

Changing sound track language

This operation only works on DVDs / VCDs with multiple audio languages.

For DVD:

● Press **AUDIO** to select the desired language.

For VCD:

● Press **AUDIO** to select the desired audio channels for sound.
MONO LEFT ➞ MONO RIGHT ➞
MIX-MONO ➞ STEREO

Note:
– If your desired language is not set in the disc, you cannot select the language via this function.

Searching for a particular passage

1 Press ◀◀ or ▶▶ on the remote control to select fast reverse search or fast forward search respectively.

2 Press ◀◀ or ▶▶ on the remote control repeatedly to select the required search speed:
(forward): ▶▶ 2X ➞ ▶▶ 4X ➞ ▶▶ 8X ➞
▶▶ 16X ➞ ▶▶ 32X ➞(PLAY)...
(reverse): ◀◀ 2X ➞ ◀◀ 4X ➞ ◀◀ 8X ➞
◀◀ 16X ➞ ◀◀ 32X➞ (PLAY)...

Displaying the disc information during playback

● In disc mode, press **DISPLAY/OSD** repeatedly to select the following display information:

▶ Menu	
Track	11/6
Disc Time	1:16:50
Track Time	0:04:50
Repeat	Off ▽
Bitrate 75 IIIIIIIIII Total Elapsed 0:55:11	

Moving to another title/chapter

Some discs may contain more than one title or chapter. If the disc has a title or chapter menu recorded on it, you can start playback from the selected item.

1 Press **DISPLAY/OSD** on the remote control to display the message of title and chapter.

2 Use ▲ / ▼ to highlight an item and press **OK**

3 Use **numeric keys (0-9)** to select a desired title/chapter number.

4 Press **DISPLAY/OSD** to exit the disc information menu.

Note:
– Selecting a title or chapter might not be possible on certain discs.

Disc Operations

Playing from a selected point

This function allows you to start playback at any chosen time on the disc.

For DVD

1 Press **GOTO** to activate time menu, the TV screen will display:
Title:XX/XX Chapter_ _/XX
Title:XX/XX Time _:_ _: _ _
Chapter:XX/XX Time _:_ _: _ _
➔ You can press ◀ / ▶ to highlight the title item and use the numeric keys to select desired title.

2 Enter hours, minutes and seconds from left to right in the time edit box using the **numeric keys (0-9)**.

For SVCD, VCD or CD

3 Press **GOTO** to activate time menu, the TV screen will display:
Disc Go to:_ _: _ _
Track Go to:_ _: _ _
Select Track :_ _/XX

4 Enter minutes and seconds from left to right in the time edit box using the **numeric keys (0-9)**. then it will start playback.

For MP3/Divx/WMA

5 Press **GOTO** and use **numeric keys (0-9)** to to enter your choice to playback.

Note:
– In repeat disc or repeat all mode, you can search a desired time point.

Viewing from another angle

If the playing DVD disc is recorded with multiple camera angles ,This allows you to view the picture from different angles. Angle selection is determined by the disc format.
● press **ANGLE** key to invoke the angle available in a disc.

1 Press **DISPLAY/OSD** to display the disc message.
2 Use ▲ / ▼ to highlight "Angle" and press **OK**
3 Use **numeric keys (0-9)** to select a desired angle.
➔ Playback changes to the selected angle.

- **Exit** :The system will exit angle selection automatically when playing a chapter which does not contain multiple angles.

Playback control (PBC)

PBC playback allows you to play Video CD interactively, following the menu on the display.
● Press **MENU** to toggle between PBC ON and PBC OFF.

Playing a disc with PBC function

● If PBC OFF, the system will start playback automatically.
● If PBC ON, the PBC menu (if available) will appear on the TV screen for selection. Use the **numeric keys (0-9)** to enter your choice.

Note:
– This function is not available for DVD/CD/MP3/ WMA/Divx discs.

Checking the contents of DVD

1 Press **MENU** on the remote control.
➔ If the current title has a menu, the menu will appear on the screen. Otherwise, the disc menu will be displayed.

2 Press ◀ / ▶/▲ /▼ to select the desired title or chapter, and then press ▶II or **OK**.
➔ Playback start from the selected title or chapter.

3 Press **MENU** on the remote control to go to disc menu of the disc.

Note:
– If no title menu or root menu is recorded in the DVD disc, pressing this button will restart playback from the first track.

Playing MP3/WMA/Picture disc (Kodak,JPEG)

IMPORTANT!
– You have to turn on your TV set and set to the correct Video In channel.

MP3/WMA/JPEG Picture disc

1 Load an MP3/WMA/Picture (JPEG) disc.
➜ The disc reading time may exceed 30 seconds due to complexity of the directory/file configuration.
➜ The disc menu appears on the TV

2 Select a track in the menu and press **OK** to start playback

(MP3 disc menu)

3 During music playback, press ▲ / ▼ or use the **numeric keys (0-9)** to select a desired picture file from the disc menu and press **OK**.

4 ➜ If the disc main menu contains various folders, use ▲ / ▼ to select a desired folder, and press **OK** to open the folder.

5 Press I◄ or ►I on the system to select the previous /next track.

6 To stop simultaneous playback, press **MENU** followed by **STOP**.

7 During JPEG or Kodak Picture disc playback, press **PROGRAM** repeatedly to select different scan effects. There are 12 types of scan effect for selection. The selected scan effect will be displayed on the TV screen.

Kodak Picture disc

1 Load a Kodak Picture disc.
➜ The disc reading time may exceed 30 seconds due to complexity of the directory/file configuration.

2 During playback, press ■.
➜ 12 thumbnail pictures will appear on the TV screen.

(example for picture disc menu)

3 Press I◄ or ►I to view the previous/next page (if available).

4 Press ◄ / ► / ▲ / ▼ to move within the menu and press **OK** to select the desired picture to play.

5 Press **PROGRAM** to select different slide-show playback modes.

During playback, you can:

● Press I◄ or ►I to select another track/picture in the current folder.

● Press ◄ / ► / ▲ / ▼ on the remote control to rotate or flip the picture files.

● Press **ZOOM** repeatedly to zoom the picture in and out.

● Press ►II to pause/resume playback.

Notes:
– Due to the recording nature of Digital Audio MP3 (DAM), only digital audio music will play.
– It is normal to experience an occasional "skip" while you are listening to your MP3 discs.
– For multi-session discs with different formats, only the first session can be read and played.

MP3/WMA/Picture/Divx Disc Operations

Playing a Divx disc

This unit supports the palyback of Divx movies which you can copy from your computer onto a recordable disc.

1 Insert a Divx disc.

2 Press ◀ / ▶ / ▲ / ▼ keys to navigate to the title you want to play.

3 Press **PLAY** or **OK** key to start playback..

During playback:
● If the Divx has multilingual subtitles, you can press **SUBTITLE** on the remote control to change the subtitle language.
● If the Divx has different audio tracks, you can press **AUDIO** on the remote control to change he audio stream.
● Use ◀◀ / ▶▶ keys on the remote control to perform fast reverse /forward search.
● Press **GOTO** and use **numeric keys (0-9)** to enter your choice to playback. key in the time where playback should start.

For DivX Ultra disc

To select a playback feature or item
● Use ◀ / ▶ /▲ / ▼ keys on the remote control, then press **OK** to start playback.

To access or remove the menu
● Press **MENU** on the remote control again.

Helpful Hints:
– Subtitle files with the following file name extensions (.srt, .smi, .sub, .ssa, .ass) are   supported but do not appear on the file navigation menu.
– The subtitle file name has to be the same as the file name of the movie.
– The subtitle can only be displayed up to an average of 45 characters.

Using the menu (user preference settings)

This DVD setup is carried out via your TV set, enabling you to customize the DVD Mini Hi-Fi System to suit your particular requirements.

1 In disc mode, press **SETUP.**

➜ The setup menu will appear on the TV screen.

2 Use ◄ / ► keys to select one of the setup menu options and press **OK**.

⚙	◁	▦	▦▦	⇨	PHILIPS
General Setup Page					

Display Dim	100%
OSD Lang	70%
Screen Saver	40%
DivX(R) VOD Code	

⚙	◁	▦	▦▦	⇨	PHILIPS
Audio Setup Page					

Night Mode	On
Mic Setup	Off

☼	◁	▦	▦▦	⇨	PHILIPS
Video Setup Page					

TV Display	
Progressive	
TV Type	PAL
	NTSC
	Multi

⚙	◁	▦	▦▦	⇨	PHILIPS
Preference Page					

AUDIO	English
Subtitle	French
Disc Menu	Spanish
Parental	Chinese
Password	Japanese
DivX Subtitle	Korean
Default	Russian
	Thai

3 Press ▲ / ▼ / ◄ / ► on the remote control to navigate in the menu.

4 Press **OK** to confirm your selection.

To remove the menu
Press **SETUP** again.

DVD Menu Operations

Setting the TV shape

Make sure the format you need is available on the disc. If not, your setting will be invalid.

4:3 Pan Scan
Select this if you have a conventional TV set and your DVD is not formatted for wide screen viewing. A wide picture will display on the whole TV screen with a portion automatically cut off.

4:3 Letter Box
Select this if you have a conventional TV set and your DVD is formatted for wide screen viewing. Black bars appear on the upper and lower portions of the TV screen.

16:9 Wide Screen
Select this if you have a wide-screen TV set (you must also set your wide screen TV to "full size").

16:9 Wide screen

4:3 Letter Box

4:3 Pan Scan

Improving the image for progressive scan video output setting

This feature is only applicable when you have connect this system to a Progressive Scan TV system through the Component Video jack

Off
Select this if a conventional TV set is connected to your system.

On
To enjoy the full quality potential offered by progressive scan feature, a progressive scan TV set is required.

Setting the screen saver

If set to On, the screen saver will be activated when you leave the system in stop or pause mode for 5 minutes. The default setting is On.

Night mode - turning on/off

Off

Select this when you want to enjoy the surround sound with its full dynamic range.

On

Select this to level out the volume. High volume output will be softened and low volume output will be brought upward to an audible level. This feature is only available for movies with Dolby Digital mode.

Changing the password

You can change the six-digit code used as Password.

1 In disc stop mode, press **SETUP** key on the remote control.

2 Press ◄ / ►/ ▲ / ▼ on the remote control to navigate in the menu.

➜ Move to "Preference Page" and press ▼.
➜ Move to "Password" and press ►.
➜ Press **OK**.

The TV screen will display below picture

3 Use the **numeric keys (0-9)** to enter your six-digit code.
➜ The password supplied by default is 000000.
➜ If you forget the six-digit code, press"136900".
to set password.

● Go to "Password" and enter your new code. Then, enter the same code again to confirm.

4 Press **SETUP** again to remove the menu.

DVD Menu Operations

Restricting playback by setting parental level

Some DVDs may have a parental level assigned to the complete disc or to certain scenes on the disc. This feature lets you set a playback limitation level. The rating levels are from 1 to 8 and are country specific. You can prohibit the playing of certain discs that are not suitable for your children or have certain discs played with alternative scenes.

1 In disc stop mode, press **SETUP**.

2 Use ◄ / ►/ ▲ / ▼ on the remote control to navigate in the menu.

➜ Move to "Preference Page" and press ▼.
➜ Move to "Parental" and press ►.

⚙	◁	▦	▪▪▪	⇨	PHILIPS
Preference Page					
AUDIO			1 KID SAF		
Subtitle			2 G		
Disc Menu			3 PG		
Parental			4 PG 13		
Password			5 PGR		
DivX Subtitle			6 R		
Default			7 NC17		
			8 ADULT		

3 Press ▲ / ▼ to select a rating level between 1-8 and press **OK**.
➜ DVDs rated above the level you select will not play unless you enter your six-digit password or choose a higher level rating.

4 Use the **numeric keys (0-9)** to enter the six-digit code, and press **OK**.

⚙	◁	▦	▪▪▪	⇨	PHILIPS
Password		XXXXXX			
	OK				

5 Press **SETUP** again to remove the menu.

Rating explanations:

8 ADULT – material for adults only; viewed only by adults due to graphic sexual scenes, violence, or language.
7 NC-17 – No children under age 17; not recommended for children under age 17.
5-6 PG-R – Parental Guidance – Restricted; recommended that parents restrict children under 17 from viewing or allow them to view only when supervised by a parent or adult guardian.
4 PG 13 – Material is unsuitable for children under age 13.
3 PG – Parental Guidance suggested.
2 G – General Audience; recommended as acceptable for viewers of all ages.
1 KID SAFE – Kids material; recommended especially for children and viewers of all ages.

– OSD Lang (Menu language)
To set the screen display language. The default setting is English.

– Default
If RESET is selected, all the items in the setup menu will be reset to default setting, except Parental Setting and Password.

IMPORTANT!
– Make sure FM and MW antennas are connected.

Tuning to radio stations

1 Press **SOURCE** key on the front panel repeatedly until "FM XX" or "MW XX" appears on the display panel (or press **TUNER** key on the remote control).

2 Press and hold ◄◄ / ►► on the system or on the remote control until "SERACH-->"appeared, then release.
→ The first radio station with sufficient signal strength will appear on the display.

3 To tune to a weak station, press ◄◄ / ►► on the system or on the remote control to search until a radio station with sufficient signal strength is found.

Presetting radio stations

You can store up to 40 preset radio stations in the memory, starting from FM and followed by MW bands. There are three different ways to program the radio stations:

- **Using auto install (for first time setup only)**
- Automatic preset programming
- Manual preset programming

Note:
- If no stereo signal is detected during tuner installation," NO SIGNAL PLEASE CHECK ANT" will appear on the VFD.

Using auto install

When you plug in the unit for the very first time, you will be prompted to install the radio stations. With this feature, you can install all the available tuner station automatically with one touch of button.

When "AUTO INSTALL PRESS PLAY" appears,

● Press ►II on the system,
→ **The system starts searching from the FM band followed by the MW band.**
→ All the available radio stations with strong signal will be strored automatically.
→ When all the available radio stations are stored or the memory for 40 presets are used, the first preset radio station will be played.

Automatic preset programming

You can start automatic presetting from a selected preset number.

1 Press **TUNER** key to select TUNER mode.
→ The current radio frequency will appear on the display.

To begin automatic preset from a desired preset number
● Press I◄ / ►I or **numeric keys (0-9)** to select the desired preset number.

2 Press and hold **PROG** on the remote control (**or** press **PROGRAM** on the system) until ">>> AUTO " appears on the display.
→ The system will start to search all radio stations on the FM band, then MW band.
→ All radio stations with strong signal strength will be stored automatically.
→ The system will stop searching when all available radio stations are stored or when the memory of 40 preset radio stations is full.
→ If no stereo signal is detected during tuner installation," NO SIGNAL PLEASE CHECK ANT" will appear on the VFD.

To stop storing the automatic preset
● Press ■ to stop storing the automatic preset.

Tuner Operations

Manual preset programming

1 Press **TUNER** key repeatedly to select the desired tuner band: FM or MW.

2 Press and hold ◄◄ / ►► on the system or on the remote control to search a radio frequency.

3 Press **PROGRAM**.
➜ "PROG" and "00 00.00" will display.

4 Press |◄ / ►| or **numeric keys (0-9)** to select the desired preset number.

5 After selecting an address number, press **PROGRAM** again to store the radio station.

● Repeat **steps 3-5** to store other preset radio stations.

Notes:
– If you attempt to store more than 40 preset radio stations, "FULL" will be displayed.
- The system exits presetting mode if no button is pressed within 20 seconds.

Selecting a preset radio station

● In tuner mode, press |◄ / ►| or use the **numeric keys (0-9)** to select the desired preset number.
➜ The preset number and radio frequency appear on the display panel.

Deleting a preset radio station

1 In tuner mode, press |◄ or ►| keys to select the preset radio station to be erased.

2 Press and hold ■ on the system until "DELETED" appears on the display panel.
➜ The radio station continues to play but has been deleted from the preset list.
➜ The rest of the preset radio stations remain unchanged.

● Repeat **steps 1-2** to erase other preset radio stations.

Changing tuning grid

In some countries, the frequency step between adjacent channels in the MW band is 9 kHz (10 kHz in some areas). The preset frequency step in the factory is 10 kHz.

1 Plug the AC power cord.

2 Press **TUNER** to select MW mode.

3 Press and hold ►|| button for more than **5** seconds on the panel.

Note:
– All preset stations will be lost and need to be reprogrammed.

IMPORTANT!
–Before playing a tape, check and tighten slack tape with a pencil. Slack tape may get jammed or may burst in the mechanism.
– Store tapes at room temperature and do not put them too close to a magnetic field (for example, a transformer, TV set or speaker).

Tape playback

● Only cassette keys can be used for tape playback control.

Top view of cassette key

1 Press ■▲ to open the tape deck door.

2 Insert a recorded tape and close the tape door.

● Load the tape with the open side down and the full spool to the left.

3 Press **SOURCE** key on the front panel to select tape mode.
(or press ► to switch to TAPE source directly)

4 Press ► to start playback.

Interrupting playback
● Press ❚❚ to interrupt playback.

Stopping playback
● Press ■▲ to stop playback.

Rewinding or forwarding fast when playback is stopped

1 Press ◄◄ or ►► on the front panel.

2 Press ■▲ when you reach the desired passage.

General information on recording

● If you don't intend to record via the microphone, unplug it to avoid unwanted recording source.

● For recording, only use tape of IEC type I(normal tape).

● The recording level is set automatically, regardless of the position of the Volume, Vocal, Key control and so forth.

● The type is secured at both ends with leader tape. At the beginning and end of the tape, nothing will be recorded for seven seconds.

● To prevent accidental recording, break out the tab on the left shoulder of the tape side you want to protect.

● Press ● in Disc / USB , Tuner or AUX mode, the record key ● can't be press if there is no recordable tape in tape deck.

Tape Operation/Recording

IMPORTANT!
– Recording is permissible if copyright or other rights of third parties are not infringed upon.
– Recording is possible only in tape deck.

Preparation for recording

1 Load a recordable tape into tape deck with the full spool to the left.

2 Prepare the source to be recorded.
   DISC – load the disc(s).
   USB - insert a USB driver.
   TUNER – tune to the desired radio station.
   AUX – connect external equipment.

3 Press **DISC**, **USB**, **TUNER** or **AUX** to select the source.

4 Start to play the selected source.

5 Press ● to start recording.

To stop recording
● Press ■▲ on the system.

Disc synchro recording

1 Press **DISC** to select the disc mode.
● You can record programmed tracks in the order you want.

2 Press ● to start recording.
   ➔ "REC" will flash, but the first 7 seconds of the start passage will not be recorded.

Selecting another track during recording
1 Press **II** to interrupt recording.

2 Press I◄ / ►I to select another track.

3 Press **II** to resume recording.

To stop recording
● Press ■▲ .

Setting the sleep timer

The sleep timer enables the system to switch to Standby mode automatically at a preset time.

● Press **SLEEP** on the remote control repeatedly and stop at the desired preset turn-off time.
➜ Following options are available (time in minutes):
15 ➜30 ➜45➜60 ➜90 ➜ 120➜OFF

➜ ''zzz '' will show on the display panel unless ''OFF'' is selected.

To check or change the setting
● Press **SLEEP** once to show the remaining time before switching off. If you continue pressing the SLEEP button, the next Sleep Timer option will appear on the display.

To cancel the sleep timer
● Press **SLEEP** repeatedly until ''OFF'' is displayed or press the **STANDBY ON** button.

Sound and Volume Controls

Sound control

Selecting sound effect

The digital sound effect allows you to select from various preset modes that control the frequency bands of sound to optimize certain musical styles. It greatly enhances the excitement and enjoyment of your favorite music.

● Press **SOUND** repeatedly to select the available sound effect.
● You can select Digital Sound Control:
  – TECHNO, ROCK, JAZZ,OPTIMAL (in music mode).
  – CONCERT,ACTION,DRAMA,SCI- FI (in movie mode)

Selecting DBB effect

● To enhance the bass response, press DBB once or more to select your option: **DBB 1, DBB 2, DBB 3, DBB OFF.**

Volume control

Changing the volume level

● Press **VOL +/-** (or turn MASTER VOLUME clockwise or anticlockwise) to increase or decrease the master volume level.
➜ ''VOL MIN'' is displayed at minimum level.
➜ ''VOL MAX'' is displayed at maximum level.
➜ The range is from 0dB to 40dB. and the step is1dB.

Switching off the volume temporarily

● Press **MUTE**.
➜ ''Mute'' is displayed on the TV.
➜ Press **MUTE** again or adjust the volume level to cancel the MUTE mode.
➜ ''Mute off'' is displayed on the TV.

Listening through headphones

Connecting headphones to 🎧 will switch off the speakers .

Disconnecting the headphones will switch on the speakers again.

USB Operations

IMPORTANT!

Compatibility of the USB connection on this product:

● *This product supports most USB Mass storage devices (MSD) that are compliant to the USB MSD standards.*
   – Most common Mass storage class devices are flash drives, memory sticks, jump drives and etc.
   – If you see a "Disc Drive" show up on your computer after you plugged the mass storage device into your computer, most likely it is MSD compliant and it will work with this product.
   – If your Mass storage device required a battery / power source. Please make sure you have a fresh battery in it or charge the USB device first and then plug it into the product again.

Supported Music type:

● This device only supports unprotected music with the following file extension:
   .mp3
   .WMA

● Music bought from on-line music stores are not supported because they are secured by Digital Rights Management protection (DRM).

● File name extensions that end with the following are not supported:
   .wav; .m4a; .m4p; mp4; .aac and etc.

   No Direct connection can be made from Computer USB port to the micro system even you have mp3 files in your computer.

Using a USB device

By connecting a USB device to the Hi- Fi system , you can enjoy the device's stored music through the powerful speakers of Hi-Fi system.

Compatible USB device

With the HI- Fi system, you can use
– USB flash memory (USB2.0 or USB1.1)
– USB flash players (USB2.0 or USB1.1)
– Memory cards (requires an additional card reader to work with this Hi-Fi system)

Note:
– In some USB flash player (or memory devices), the stored contents are recorded using copyright protection technology. Such protected contents will be unplayable on any other devices (such as this Mini Hi- Fi system).

USB playback

You can play or view the data files (JPEG , MP3,WMA or DivX) in the USB flash driver or USB memory card reader. However, editing or copying the data file is not possible.

1 Connect the USB flash driver/USB memory card reader directly to the **USB DIRECT** socket on this unit.

2 Press **USB** on the remote control (or press **SOURCE** key on the system to switch to USB mode) to access the device detected.
➜ When using multiple drives on a single card reader, only one of the connected cards can be accessed.
➜ The device numbers may vary with different card readers.

3 Select the file and press **OK** to play.

Helpful Hints:
– When the USB device does not fit into the USB DIRECT, a USB extension cable is required.
– You can only read and playback the content from the USB device.
– Copy-protected contents are not playable.

Dimming the display

● Press **DIM** repeatedly to select different levels of brightness for the display: HIGH(100%), MID(70%) or LOW(40%).

1 In disc/USB mode, press **SETUP** on the remote control.
  ➜ { **General Setup Page** } appears.

⚙	◁	▦	▦▦▦	▷	**PHILIPS**
General Setup Page					
Display Dim				**100%**	
OSD Lang				70%	
Screen Saver				40%	
DivX(R) VOD Code					

2 Press ▼ to highlight {**Display Dim**}.
3 Press ▶ and ▲ / ▼ keys to select display.
4 press **OK**.

To remove the SETUP
Press **SETUP** again.

Vocal

This function allows you to fade out the original vocal from a karaoke. Press **AUDIO** key repeatedly to select different audio modes.

Microphone Setup

In DISC/USB source, you are allowed to enter the Micphone menu for setup.

1 In disc / USB mode, press **SETUP** on the remote control.
2 Press ▶
  ➜ { **Audio Setup Page** } appears.
3 Press ▼ to highlight {**Mic Setup**}.
4 Press **OK** to enter {**Micphone Setup**}.

⚙	◁	▦	▦▦▦	▷	**PHILIPS**
Micphone Setup					
Mic		Off	On		
Mic Volume		10	Off		
Echo Level		10			
Key		00			

Mic
- This feature allows you to turn microphone on/off.

Mic Volume
- This feature allow you to increase/decrease microphone volume (ranging from 00~+20).

Echo Level
- This feature allows you to add echo while singing or talking through a microphone.

Key
- This feature allows you to change the key tone when you playing in the disc/USB mode.

5 Press ▶ and ▲ / ▼ keys on the remote control to navigate in the menu.
6 Press **OK** to confirm your selection.

To remove {Micphone Setup}
Press **SETUP** again.

...phone (not supplied) to the
...ong with the music source.

...phone to the **MIC IN** jack.
...appear on the TV .

...g the microphone, set the **Mic**
...minimum level to prevent

...elect the source to be mixed
...k.

...e of the source through
...LUME control.

...phone volume through **Mic**
...l.

...phone away from the speakers to

...external sources

...io out terminals of the external
...CR, Laser Disc player, DVD
...corder) to the AUX IN
...system.

...elect AUX mode directly.

...d not to listen to and record from
...ingly replace

.... 600 mV

.... 25 mV ± 1dB
.... (CD mode)2 ± 0.2 V

....
.5 – 108 MHz (50 kHz steps)
531 – 1602 kHz (9 kHz steps)
30 – 1700 kHz (10 kHz steps)
tio .... FM ≥ 50 dB
.... MW ≥ 35 dB

se
.... 80 – 12500 Hz (±8 dB)
tio
.... ≥ 45 dBA
.... ≤ 0.3%

.... Semiconductor
.... 12cm / 8cm
.... MPEG-2 / MPEG-1/
Divx 3/4/5/6, Ultra
.... 12 Bits
.... PAL / NTSC
.... 4:3 / 16:9
.... 56 dB (minimum)
Output .... 1.0 Vp-p, 75 Ω
.... Y - 1.0 Vp-p, 75 Ω
.... C - 0.286 Vp-p, 75 Ω
.... 24 Bits / 96 kHz
se .... 4 Hz - 20 kHz (44.1kHz)
.... 4 Hz - 44 kHz (48kHz)
.... 4 Hz - 44 kHz (96kHz)

Dimensions (w × d × h) .265
Weight ....
Packaging Dimensions (w × d
.... 56
Gross weight ....

SPEAKERS

Front speakers
System ....
Impedance ....
Speaker drivers ....

....
Frequency response ....
Dimensions (w × d × h) ....
.... 222
Weight ....

Specifications subject to change
notice

Troubleshooting

WARNING
Under no circumstances should you try to repair the system yourself, as this will invalidate the warranty. Do not open the system as there is a risk of electric shock.

If a fault occurs, first check the points listed below before taking the system for repair. If you are unable to remedy a problem by following these hints, consult your dealer or service center.

Problem	Solution
No power.	– Check if the AC power cord is properly connected.
"UNREADABLE DISC" **is displayed.**	– Check if the disc is inserted upside down. – Wait until the moisture condensed at the lens has cleared. – Replace or clean the disc, see "Maintenance". – Use a readable disc or correctly recorded format MP3-CD.
No picture.	– Select the appropriate video input mode on the TV set. – Check if the TV set is switched on. – Check the video connection. – Check if the system is securely connected.
Distorted or poor picture.	– Sometimes a slight picture distortion may appear. This is not a malfunction. – Clean the disc. – Connect the system to the S-video input of your TV set.
The aspect ratio of the screen cannot be changed even though you have set the TV shape.	– The aspect ratio is fixed on the DVD disc. – The aspect ratio may not be changed for some TV systems.
The DVD player does not **start playback.**	– Insert a readable disc. The DVD+R/CD-R must be finalised. – Check the disc type, color system and region code. – Clean the disc. – Place the disc with the playback side down. – Press SETUP key to turn off the setup menu. – Cancel the parental control rating function or change the rating level. – Moisture has condensed inside the system. Remove the disc and leave the system turned on for about an hour.
The system does not respond when the buttons are pressed.	– Disconnect the power plug from the jack, and insert again.
The language for the sound or subtitle cannot be changed when playing a DVD.	– Multi-language sound or subtitle is not recorded on the DVD. – Changing the language for the sound or subtitle is prohibited on the DVD.
No image is output when a function is selected.	– Make sure the component is connected correctly. – Press the correct function button for the input source.

Sound cannot be heard or is of poor quality	– Adjust the volume. – Disconnect the headphones. – Check that the speakers are connected correctly. – Check if the stripped speaker wire is clamped. – If the system is in pause, slow motion or fast forward/reverse mode, press ▶II to resume the normal play mode. – Make sure the MP3-CD was recorded within 32-256 kbps bit rate with sampling frequencies at 48 kHz, 44.1 kHz or 32 kHz.
Poor radio reception.	– If the signal is too weak, adjust the antenna or connect an external antenna for better reception. – Increase the distance between the MiNi HiFi System and your TV set or VCR.
Recording or playback cannot be made	– Clean deck parts, see "Maintenance". – Use only NORMAL tape. – Apply a piece of adhesive tape over the missing tab space.
The tape deck door cannot open	– Remove and reconnect the AC power plug and switch on the system again.
Left and right sound outputs are reversed.	– Check the speaker connections and location.
The remote control does not function.	– Point the remote control at the remote control sensor of the unit. – Reduce the distance to the player. – Remove any possible obstacles. – Replace the batteries with new ones. – Check that the batteries are loaded correctly.
Select DIM	– Please see Page 35.

Glossary

Analog: Sound that has not been turned into numbers. Analog sound varies, while digital sound has specific numerical values. These jacks send audio through two channels, the left and right.

Aspect ratio: The ratio of vertical and horizontal sizes of a displayed image. The horizontal vs. vertical ratio of conventional TVs. is 4:3, and that of wide-screens is 16:9.

AUDIO OUT Jacks: Jacks on the back of the DVD System that send audio to another system (TV set, Stereo, etc.).

Bit Rate: The amount of data used to hold a given length of music; measured in kilobits per second, or kbps. Or, the speed at which you record. Generally, the higher the bit rate better the sound quality. However, higher bit rates use more space on a Disc.

Chapter: Sections of a picture or a music piece on a DVD that are smaller than titles. A title is composed of several chapters. Each chapter is assigned a chapter number enabling you to locate the chapter you want.

Component Video Out Jacks: Jacks on the back of the DVD System that sends high-quality video to a TV set that has Component Video In jacks (R/G/B, Y/Pb/Pr, etc.).

Disc menu: A screen display prepared for the selection of images, sound, subtitles, multi-angles, etc recorded on a DVD.

Digital: Sound that has been converted into numerical values. Digital sound is available when you use the DIGITAL AUDIO OUT COAXIAL or OPTICAL jacks. These jacks send audio through multiple channels, instead of just two channels as analog does.

Dolby Digital: A surround sound system developed by Dolby Laboratories containing up to six channels of digital audio (front left and right, surround left and right and center).

JPEG: A still-picture data compression system proposed by the Joint Photographic Expert Group, which features small decrease in image quality in spite of its high compression ratio.

MP3: A file format with a sound data compression system. "MPE" is the abbreviation of Motion Picture Experts Group 1 (or MPEG-1) Audio Layer 3. Through the MP3 format, one CD-R or CD-RW can contain about 10 times as much data volume as a regular CD can.

Multichannel: DVD is specified to have all sound tracks constitute one sound field. Multichannel refers to a structure of sound tracks having three or more channels.

Parental control: A function of the DVD to limit playback of the disc by the age of the users according to the limitation level in each country. The limitation varies from disc to disc; when it is

activated, playback will be prohibited if the software's level is higher than the user-set level.

Playback control (PBC): Refers to the signal recorded on video CDs or SVCDs for reproduction control. By using screen menus recorded on a Video CD or SVCD that supports PBC, you can enjoy interactive-type software as well as software having a search function.

Progressive Scan: It displays all the horizontal lines of a picture at one time, as a signal frame. This system can convert interlaced video from DVD into progressive format for connection to a progressive display. It dramatically increases the vertical resolution. A progressive scan TV set is needed to receive progressive scan output from the player.

Region code: A system allowing discs to be played only in preset regions. This unit will only play discs that have compatible region codes. You can find the region code of your unit from the product label. Some discs are compatible with more than one region (or ALL regions).
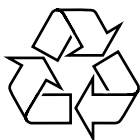
S-Video: Produces a clear picture by sending separate signals for luminance and the color. You can use S-Video only if your TV set has S-Video In jack.

Sampling Frequency: Frequency of data sampling when analog data is converted to digital data. Sampling frequency numerically represents how many times the original analog signal is sampled per second.

Title: The longest section of a picture or music feature on DVD, music, etc., in video software, or the entire album in audio software. Each title is assigned a title number enabling you to locate the title you want.

VIDEO OUT jack: Jack on the back of the DVD System that sends video to TV.

English

FWD185

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