

Bluetooth Wireless Micro System

BTM177

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User manual

Manuel d'utilisation

Manual de usuario

Benutzerhandbuch

Gebruikershandleiding

Manuale dell'utente

Användarhandbok

Brugervejledning



PHILIPS

Important notes for users in the U.K.

Mains plug

This apparatus is fitted with an approved 13 Amp plug. To change a fuse in this type of plug proceed as follows:

- 1 Remove fuse cover and fuse.
- 2 Fix new fuse which should be a BS1362 3 Amp, A.S.T.A. or BSI approved type.
- 3 Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place.

If the mains plug contains a fuse, this should have a value of 3 Amp. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 3 Amp.

Note: The severed plug must be disposed of to avoid a possible shock hazard should it be inserted into a 13 Amp socket elsewhere.

How to connect a plug

The wires in the mains lead are coloured with the following code: blue = neutral (N), brown = live (L).

- As these colours may not correspond with the colour markings identifying the terminals in your plug, proceed as follows:
 - Connect the blue wire to the terminal marked N or coloured black.
 - Connect the brown wire to the terminal marked L or coloured red.
 - Do not connect either wire to the earth terminal in the plug, marked E (or \perp) or coloured green (or green and yellow).

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the two wires.

Copyright in the U.K.

Recording and playback of material may require consent. See Copyright Act 1956 and The Performer's Protection Acts 1958 to 1972.

Italia

DICHIARAZIONE DI CONFORMITA'

Si dichiara che l'apparecchio BTM177 Philips risponde alle prescrizioni dell'art. 2 comma 1 del D.M. 28 Agosto 1995 n. 548.

Fatto a Eindhoven

Philips Consumer Electronics
Philips, Glaslaan 2
5616 JB Eindhoven, The Netherlands

Norge

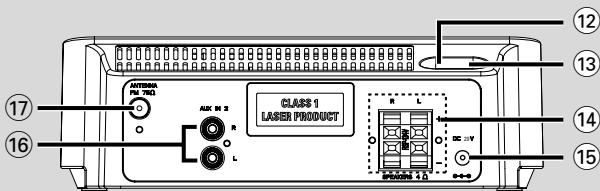
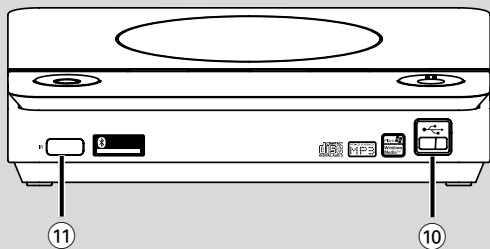
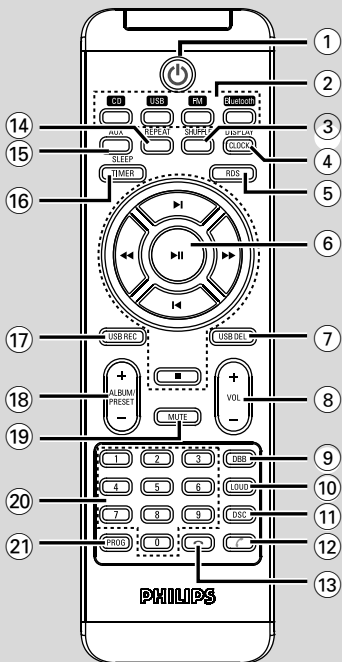
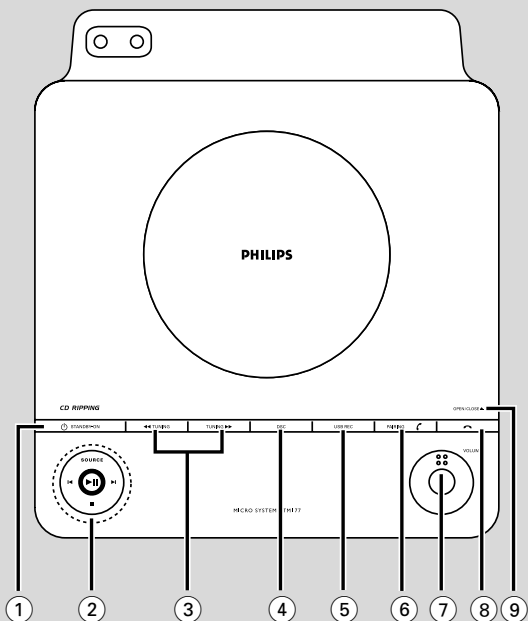
Typeskilt finnes på apparatens underside.

Observer: Nettbryteren er sekundert innkoplet. Den innebygde nettdelen er derfor ikke frakoplet nettet så lenge apparatet er tilsluttet nettkontaktten.

For å redusere faren for brann eller elektrisk støt, skal apparatet ikke utsettes for regn eller fuktighet.

CAUTION

Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.



DK

Advarsel: Usynlig laserstråling ved åbning når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

Bemærk: Netafbryderen er sekundært indkoblet og afbryder ikke strømmen fra nettet. Den indbyggede netdel er derfor tilsluttet til lysnettet så længe netstikket sidder i stikkontakten.

S

Klass 1 laseraparät

Varning! Om apparaten används på annat sätt än i denna bruksanvisning specificerats, kan användaren utsättas för osynlig laserstråling, som överskrider gränsen för laserklass 1.

Observera! Stömbrytaren är sekundärt kopplad och bryter inte strömmen från nätet. Den inbyggda nätdelen är därför ansluten till elnätet så länge stickproppen sitter i vägguttaget.

SF

Luokan 1 laserlaite

Varoitus! Laitteen käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa altistaa käyttäjän turvallisuusluokan 1 ylittävälle näkymättömälle lasersäteilylle. Oikeus muutoksiin varataan. Laite ei saa olla alttiina tippu- ja roiskevedelle.

Huom. Toiminnanvalitsin on kytketty toisiopuolelle, eikä se kytke laitetta irti sähköverkosta. Sisäänrakennettu verkko-osa on kytkettynä sähköverkkoon aina silloin, kun pistoke on pistorasiassa.

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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.

This product complies with the radio interference requirements of the European Community.

Supplied accessories

- 1 X certified AC/DC adaptor Brand name: PHILIPS, Model: PAT075A29UV Input: 100-240V, 50/60Hz, 1.6A Output: 29.0V, === 2.5A
- 2 speaker boxes
- remote control
- FM antenna

Environmental Information

All 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 specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

Disposal of your old product

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

When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC



Please inform yourself about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences for the environment and human health.

Safety Information

- Before operating the system, check that the operating voltage indicated on the typeplate (or the voltage indication beside the voltage selector) of your system is identical with the voltage of your local power supply. If not, please consult your dealer.
- Place the system on a flat, hard and stable surface.
- Where the MAINS plug or an appliance coupler is used as the disconnet device, the disconnet device shall remain readily operable.
- The apparatus shall not be exposed to dripping or splashing.
- Install the unit near the AC outlet and where the AC power plug can be easily reached.
- Place the system in a location with adequate ventilation to prevent internal heat build-up in your system. Allow at least 10 cm (4 inches) clearance from the rear and the top of the unit and 5 cm (2 inches) from each side.
- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.
- Do not expose the system, batteries or discs to excessive moisture, rain, sand or heat sources caused by heating equipment or direct sunlight.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- No objects filled with liquids, such as vases, shall be placed on the apparatus.
- If the system is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens of the disc unit inside the system. Should this occur, the CD player would not operate normally. Leave the power on for about one hour with no disc in the system until normal playback is possible.
- The mechanical parts of the set contain self-lubricating bearings and must not be oiled or lubricated.

General Information

- Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
- **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 socket.**

Hearing Safety

Listen at a moderate volume.

- Using headphones at a high volume can impair your hearing. This product can produce sounds in decibel ranges that may cause hearing loss for a normal person, even for exposure less than a minute. The higher decibel ranges are offered for those that may have already experienced some hearing loss.
- Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So after prolonged listening, what sounds "normal" can actually be loud and harmful to your hearing. To guard against this, set your volume to a safe level before your hearing adapts and leave it there.

To establish a safe volume level:

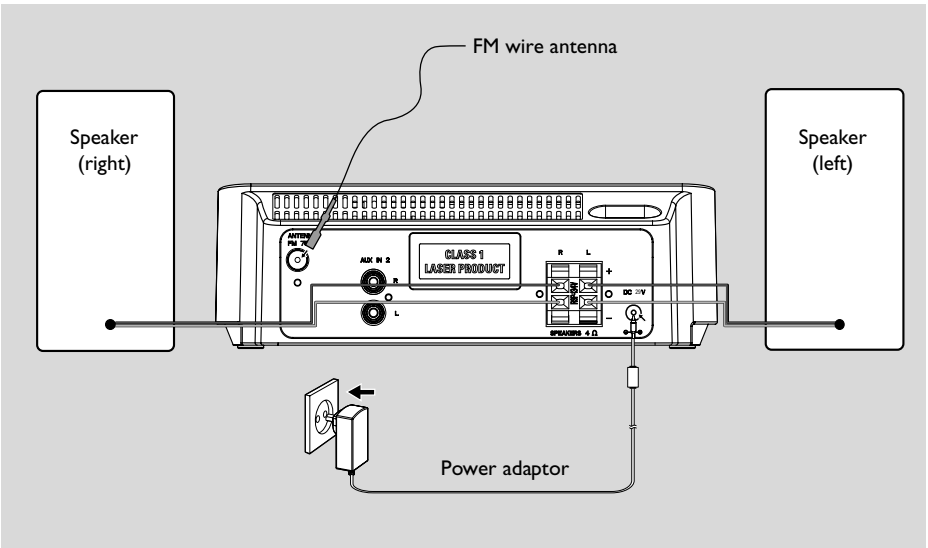
- Set your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, without distortion.

Listen for reasonable periods of time:

- Prolonged exposure to sound, even at normally "safe" levels, can also cause hearing loss.
- Be sure to use your equipment reasonably and take appropriate breaks.

Be sure to observe the following guidelines when using your headphones.

- Listen at reasonable volumes for reasonable periods of time.
- Be careful not to adjust the volume as your hearing adapts.
- Do not turn up the volume so high that you can't hear what's around you.
- You should use caution or temporarily discontinue use in potentially hazardous situations.
- Do not use headphones while operating a motorized vehicle, cycling, skateboarding, etc.; it may create a traffic hazard and is illegal in many areas.



Rear connections

The type plate is located at the rear of the system.

For users in the U.K.: please follow the instructions on page 2.

Power

– Before connecting the AC power cord to the wall outlet, ensure that all other connections have been made.

WARNING!

- For optimal performance, use only the original power cable.
- Never make or change any connections with the power switched on.

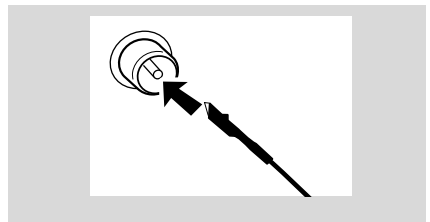
To avoid overheating of the system, a safety circuit has been built in. Therefore, your system may switch to Standby mode automatically under extreme conditions. If this happens, let the system cool down before reusing it (not available for all versions).

Antenna Connection

FM Antenna

The wire antenna supplied can only be used to receive nearby stations. For better reception we recommend using a cable antenna system or an outdoor antenna.

- 1 Extend the wire antenna and fit it to FM ANTENNA as shown below.



Note:

- If you are using a cable antenna system or an outdoor antenna, fit the antenna plug, instead of the wire antenna, to FM ANTENNA.

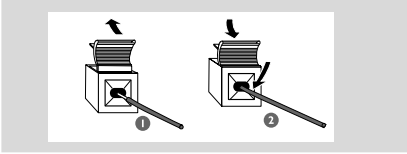
Preparations

- Move the antenna in different positions for optimal reception (as far away as possible from the TV, VCR or other radiation sources).

Speakers Connection

Connect the speaker wires to the SPEAKERS 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.



Notes:


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

Optional connection

The optional equipment and connecting cords are not supplied. Refer to the operating instructions of the connected equipment for details.

Connecting a USB mass storage device




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

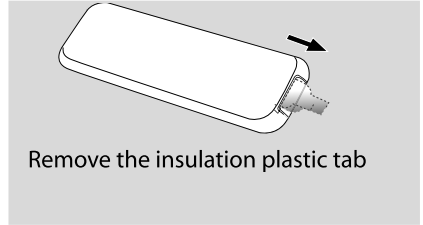
- Insert the USB device's USB plug into the  socket on the set.

Connecting other equipment to your system

- Use the supplied Aux-in cable to connect the AUX jack (3.5mm, located on the top panel) to an AUDIO OUT or headphone jack on an external device (such as TV, Laser Disc player, DVD player or CD recorder).

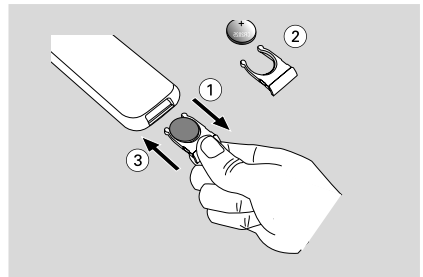
Before using the remote control

- Pull out the plastic protective sheet.
- Select the source you wish to control by pressing one of the source select keys on the remote control (for example CD, FM).
- Then select the desired function (for example , , ).



Replacing battery (lithium CR2025) into the remote control

- Push to open the battery tray.
- Replace a new battery according to the indicated polarity.
- Push the battery tray back to close it.



CAUTION!

- Remove battery if they are exhausted or will not be used for a long time.
- Batteries contain chemical substances, so they should be disposed of properly.

Controls on the system

- ① **STANDBY ON** (⏻)
 - switches the system to standby/Eco-power standby/on.
- ② **SOURCE**
 - Press repeatedly to select source: DISC/TUNER/BLUETOOTH/USB/AUX1/AUX 2.
 - switches on the system.
 - ▶II..... starts or interrupts CD/MP3 playback.
 - stops CD/MP3 playback or erases a CD programme.

◀/▶
for radio selects a preset radio station.
for CD/MP3 skips to the beginning of the current/previous/subsequent track.
(press and hold) fast searches back and forward within a track/CD.
- ③ **TUNING** ◀◀/▶▶
 - for Tuner tunes to radio stations.
 - for MP3/WMA.....selects an album.
 - for clock/timer.....selects clock/timer data.
- ④ **DSC** (Digital Sound Control)
 - selects sound characteristics: POP/JAZZ/ROCK/CLASSIC.
- ⑤ **USB REC**
 - copies music to an external portable USB storage device.
- ⑥ **PAIRING** (📶)
 - pairs with a bluetooth-enabled device.
 - when a Bluetooth-enabled mobile is paired**
 - answers an incoming call.
 - (press and hold) redials the last number retained in the memory of the mobile phone.
 - (press and hold during a call) transfers sound from system speakers to the mobile phone or conversely.
- ⑦ **VOLUME**
 - adjusts the volume level.
- ⑧ (📞)
 - rejects an incoming call.
 - exits pairing and disconnects all paired devices.
- ⑨ **OPEN•CLOSE** (⏏)
 - opens/closes the CD door.

- ⑩ **USB port**
 - connects to external USB mass storage device.
- ⑪ **iR SENSOR**
 - infrared sensor for remote control.
- ⑫ **AUX IN jack**
 - connects an external source (3.5 mm socket).
- ⑬ (🎧)
 - connects headphones.
- ⑭ **Speaker jacks**
 - Connects speaker wires.
- ⑮ **DC 29V jacks**
 - Connect the AC/DC adaptor
- ⑯ **AUX IN 2 jacks**
 - connects an external source using audio cables (white/red).
- ⑰ **FM ANTENNA terminal**
 - Connects FM wire antenna or outdoor antenna.

Controls on the remote control

- ① (⏻)
 - switches the system to standby/Eco-power standby/on.
- ② **Source buttons**
 - selects the respective sound source for CD/USB/FM/BLUETOOTH/AUX.
 - switches on the system.
- ③ **SHUFFLE**
 - plays CD/MP3 tracks in random order.
- ④ **DISPLAY/CLOCK**
 - for CD...displays the current track remaining time (or current album and track name and ID3 for MP3disc) during playback.
 - for clock...sets clock.
- ⑤ **RDS**
 - shows RDS information.
- ⑥ ▶II..... starts or interrupts CD/MP3 playback.

◀/▶
for CD/MP3 skips to the beginning of the current/previous/subsequent track.

Controls *(illustrations on page 3)*



- for Tunertunes to radio stations.
- for CD/MP3fast searches back and forward within a track/CD.
-stops CD playback or erases a CD programme.

7 USB DEL

- deletes music from an external portable USB storage device.

8 VOLUME

- adjusts the volume level.

9 DBB (Dynamic Bass Boost)

- enhances the bass.

10 LOUD

- enables or disables automatic loudness adjustment.

11 DSC (Digital Sound Control)

- selects sound characteristics: POP/JAZZ/ROCK/CLASSIC.

12

- pairs with a bluetooth-enabled device. when a Bluetooth-enabled mobile is paired
- answers an incoming call.
- (press and hold) redials the last number retained in the memory of the mobile phone.
- (press and hold during a call) transfers sound from system speakers to the mobile phone or conversely.

13

- rejects an incoming call.
- exits pairing and disconnects all paired devices.

14 REPEAT

- repeats a disc/ all programmed tracks (for MP3/WMA.....repeats a disc/an album/all programmed tracks).

15 AUX

- Connets an auxiliry device.

16 SLEEP/TIMER

- sets sleep time
- sets timer

17 USB REC

- copies music to an external portable USB storage device.

18 ALBUM/PRESET +/-

- for radio selects a preset radio station.
- for MP3/WMA.....selects an album.
- for clock/timer.....select clock/timer data.

19 MUTE

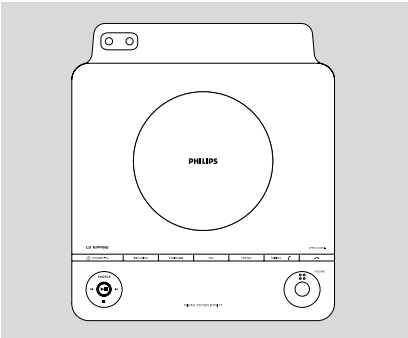
- interrupts and resumes sound reproduction

20 Numeric Keypad (0-9)

- inputs a track number of the disc.

21 PROG

- for CD- programmes tracks and reviews the programme.
- for Tuner programmes tuner stations manually or automatically.



IMPORTANT:

Before you operate the system, complete the preparation procedures.

Plug and Play (for tuner installation)

Plug and Play allows you to store all available radio stations automatically.

First time setup/power up

- 1 When you turn on the main supply, "AUTO INSTALL PRESS - PLAY KEY" is displayed.
- 2 Press ► || on the system to start installation.
 - "PLUG AND PLAY" "INSTALL" is displayed, followed by "TUNER" and "AUTO".
 - **PROG** starts flashing.
 - The system will automatically store the radio stations (FM only) with sufficient signal strength.
 - When all the available radio stations are stored or the memory for 40 presets are used, the last preset radio station will be played.

To reinstall Plug and Play

- 1 In standby mode, press and hold ► || on the system until "AUTO INSTALL PRESS - PLAY KEY" is displayed.
- 2 Press ► || again to start installation.
 - All previously stored radio stations will be replaced.

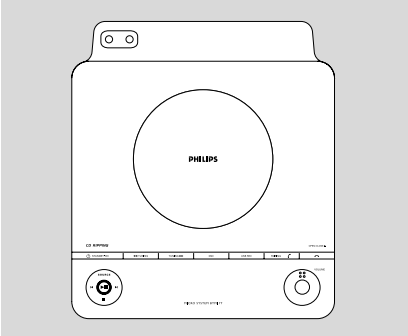
To exit without storing the Plug and Play

- Press ■ on the system.
 - If you do not complete the Plug and Play installation, the function will be restarted when you next turn on the main supply again.


Notes:

- If no stereo frequency is detected during Plug and Play, "PLEASE CHECK ANTENNA" will be displayed.


Basic Functions




Switching the system on

- Press **STANDBY ON** or **SOURCE** (or  on the remote control).
→ The system will switch to the last selected source.
- Press **CD, USB, FM, Bluetooth** or **AUX** on the remote control.
→ The system will switch to the selected source.

To switch the system to standby mode

- Press **STANDBY ON** on the system (or  on the remote control).
→ The display displays clock time, or ---: --- is displayed if clock time is not set.
→ The backlight for clock display is dim in standby.
→ The volume level (up to a maximum volume level of 12), interactive sound settings, last selected source and tuner presets will be retained in the player's memory.


To switch the system to Eco-power standby mode

- Press and hold **STANDBY ON** ( on the remote control) for more than 2 seconds.
→ The display will go blank.

Power-saving automatic standby

The power-saving feature automatically switches to standby 15 minutes after a CD/USB playback has ended and no control is operated.


Adjusting volume and sound

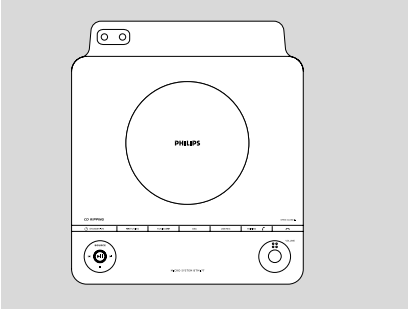
- 1 Turn the **VOLUME** control anti-clockwise to decrease or clockwise to increase volume on the system (or press **VOL -** / **+** on the remote control).
→ Display shows the volume level  and a number from 1-31.
- 2 Press **DSC** repeatedly to select the desired sound effect: **POP** / **JAZZ** / **ROCK** / **CLASSIC**.
- 3 Press **DBB** on the remote control to switch bass enhancement on or off.
→ Display shows **DBB** if the DBB is activated.
- 4 Press **LOUD** on the remote control to enable/disable LOUDNESS feature.
- LOUDNESS feature enables the system to automatically increase the treble and bass sound effect at low volume (the higher the volume, the lower the treble and bass increase).
- 5 Press **MUTE** on the remote control to interrupt sound reproduction instantly.
→ Playback will continue without sound.
- To activate sound reproduction you can:
 - press **MUTE** again;
 - adjust the volume controls;
 - change source.

Notes:

- The current DSC setting is shown when DSC button is pressed once.
- When DBB is on, LOUDNESS feature will be turned off automatically.
- When LOUDNESS feature is on, the DBB will be turned off and the DSC setting will be changed to CLASSIC automatically.

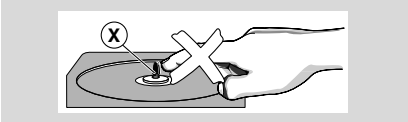
To listen through the headphone

- Connect the headphone plug to the  socket on the rear of the set.
→ The speakers will be muted.



IMPORTANT:

The lens of the CD player should never be touched.



Loading a disc

This CD player plays Audio Discs including CD Recordable, CD-Rewritable, MP3 CD and WMA disc.

- CD-ROM, CD-I, CDV, VCD, DVD or computer CDs, however, are not possible.
 - DRM-protected WMA disc is not supported.
- 1 Select **CD** source.
 - 2 Press **OPEN/CLOSE** on the top of the system to open the CD compartment. → **OPEN** is displayed when you open the CD compartment.
 - 3 Insert a disc with the printed side facing up and press down on **OPEN/CLOSE** to close the CD door. → **READING** is displayed as the CD player scans the contents of a disc, and then the total number of tracks and playing time (or the total number of albums and tracks for MP3 disc) are shown.

Basic playback controls

To play a disc

- Press **▶▶** to start playback. → The current track number and elapsed playing time of the track are displayed during disc playback.

To select a different track

- Press **◀/▶** once or repeatedly until the desired track number appears in the display.

To find a passage within a track

- 1 Press and hold down on **◀/▶** (on the remote control **◀◀/▶▶**). → The disc is played at high speed and low volume.
- 2 When you recognise the passage you want, release **◀/▶** (on the remote control **◀◀/▶▶**). → Normal playback continues.

To interrupt playback

- Press **▶▶** during playback. → The display freezes and the elapsed playing time flashes when playback is interrupted. → To resume, press **▶▶** again.

To stop playback

- Press **■**.

Notes: CD play will also stop when;

- the CD door is opened.
- the disc has reached the end.
- you select another source: **USB, TUNER, BLUETOOTH** or **AUX**.
- you select standby.

Playing an MP3/WMA disc

- 1 Load an MP3/WMA disc. → The disc reading time may exceed 10 seconds due to the large number of songs compiled into one disc. → "Axx Txx" is displayed. Axx is the total album number and Txx is the total track number.
- 2 Press **TUNING ◀/▶** (or **ALBUM/PRESET +/-** on the remote control) to select a desired album.
- 3 Press **◀/▶** to select a desired track.
- 4 Press **▶▶** to start playback.
- During playback, press **DISPLAY/CLOCK** to show the album name and ID3 information.

CD/MP3 Operation

Supported MP3 disc formats:

- ISO9660, Joliet, UDF 1.5
- Maximum title number: 999 (depending on filename length)
- Maximum album number: 99
- Supported sampling frequencies: 32 kHz, 44.1 kHz, 48 kHz
- Supported Bit-rates: 32~256 (kbps), variable bitrates

Information display during playback

In CD mode

- Press **DISPLAY/CLOCK** repeatedly to see the following information.
 - Track number and elapsed playback time of current track.
 - Track number and remaining playback time of current track.
 - Clock

In MP3/WMA/USB mode

- Press **DISPLAY/CLOCK** repeatedly to see the following information:
 - Track number and elapsed playback time of current track
 - Title name
 - Album name
 - ID3 (if available)

Different play modes: SHUFFLE and REPEAT

You can select and change the various play modes before or during playback.

- 1 To select your play mode, press **SHUFFLE** or **REPEAT** before or during playback until the display shows the desired function.
 - SHUF tracks of the entire disc are played in random order
 - REP ALL repeats the entire disc/programme
 - REP plays the current track continuously
 - REP ALB repeats all tracks in the current (for MP3/WMA only) album

- 2 Press **▶||** to start playback if in the STOP position.
 - If you have selected SHUFFLE, playback starts automatically.

- 3 To return to normal playback, press **SHUFFLE** or **REPEAT** until the various SHUFFLE/REPEAT modes are no longer displayed.
- You can also press **■** to cancel your play mode.

Note:

- *The SHUFFLE and REPEAT functions cannot be used simultaneously.*

Programming track numbers

Programme in the STOP position to select and store your disc tracks in the desired sequence. If you like, store any track more than once. Up to 40 tracks can be stored in the memory.

- 1 Press **■** to stop playing (if necessary).
- 2 Press **PROG** on the remote control to enter the programming mode.
 - A track number flashes.
- 3 Use the **◀/▶** to select your desired track number.
- For MP3, you may press **TUNING ◀◀/▶▶** (or **ALBUM/PRESET +/-** on the remote control) to select a desired album, then select your desired track.
- 4 Press **PROG** again to store.
- 5 Repeat **steps 3-4** to select and store all desired tracks.
- 6 To start playback of your disc programme, press **▶||**

Note:

- *You can play the programmed tracks repeatedly by pressing the REPEAT button.*

Reviewing the programme

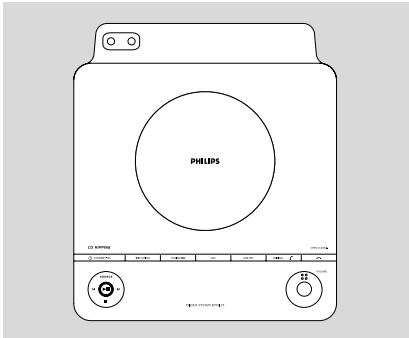
- Stop playback and press **PROG** on the remote control repeatedly.
- To exit review mode, press **■**.

Erasing the programme

You can erase the programme by:

- pressing **■** once in the STOP mode;
- pressing **■** twice during playback;
- opening the CD compartment;
 - **PROG** disappears from the display.

Radio Reception



Tuning to radio stations

- 1 Press **SOURCE** on the set (or **FM** on the remote control) repeatedly until **TUNER** is displayed.
- 2 Press down on **TUNING** **◀/▶** (or **◀/▶** on the remote control) and release the button.
→ The radio automatically tunes to a station with sufficient reception. Display indication during automatic tuning: **SEARCH**.
- 3 Repeat step 2 if necessary until you find the desired station.
- To tune to a weak station, press **TUNING** **◀/▶** (or **◀/▶** on the remote control) briefly and repeatedly until you have found optimal reception.

Programming radio stations

You can store up to a total of 40 radio stations in the memory.

Automatic programming

Automatic programming will start with a chosen preset number. From this preset number upwards, former programmed radio stations will be overridden. The system will only programme stations which are not in the memory already.

- 1 Press **◀/▶** (or **ALBUM/PRESET +/-** on the remote control) to select the preset number where programming should start.

Note:

– If no preset number is selected, default is preset (1) and all your presets will be overridden.

- 2 Press **PROG** on the remote control for more than 2 seconds to activate programming.
→ **AUTO** is displayed and available stations are programmed in order of automatic reception strength. The first preset automatically stored will then be played.

Manual programming

- 1 Tune to your desired station (see Tuning to radio stations).
- 2 Press **PROG** on the remote control to activate programming.
→ **1** flashes in the display.
- 3 Press **◀/▶** (or **ALBUM/PRESET +/-** on the remote control) to allocate a number from 1 to 40 to this station.
- 4 Press **PROG** on the remote control again to confirm the setting.
- 5 Repeat the above four steps to store other stations.
- You can override a preset station by storing another frequency in its place.

Tuning to preset radio stations

- Press **◀/▶** (or **ALBUM/PRESET +/-** on the remote control) until the desired preset station is displayed.

RDS

Radio Data System is a service that allows FM stations to show additional information. If you are receiving a RDS station, **RDS** and the station name are displayed.

When automatic programming is used, RDS stations will be programmed first.

Scrolling through different RDS information

- Press **RDS** on the remote control briefly and repeatedly to scroll through the following information (if available):
 - Station name
 - Radio text messages
 - Program type
 - Frequency

USB Connection

Using USB connectivity

- BTM177 is fitted with a USB port in the front panel, offering a plug and play feature which allows you to play, from your BTM177, digital music and spoken contents stored on a USB mass storage device.
- Using a USB mass storage device, you can also enjoy all the features offered by BTM177 which are explained and instructed in the sections of disc operation.

Compatible USB mass storage devices

With the BTM177, you can use

- USB flash memory (USB 2.0 or USB 1.1)
- USB flash player (USB 2.0 or USB 1.1)
- USB device which requires driver installation under Windows XP is not supported.

Note:

– In some USB flash players (or memory devices), the stored contents are recorded using copyright protection technology. Such protected contents will be unplayable on any other devices (such as MCM204 device).


Supported formats:

- USB or memory file format FAT12, FAT16, FAT32 (sector size: 512 - 4096 bytes)
- MP3 bit rate (data rate): 32-320 kbps and variable bit rate
- WMA v9 or earlier
- Directory nesting up to a maximum of 8 levels
- Number of albums: maximum 99
- Number of tracks: maximum 800
- ID3 tag v2.0 or later
- File name in Unicode UTF8 (maximum length: 128 bytes)

The system will not play or support the following:

- Empty albums: an empty album is an album that does not contain MP3/WMA files, and will not be shown in the display.
- Non-supported file formats are skipped. This means that e.g.: Word documents .doc or MP3 files with extension. dlf are ignored and will not be played.
- AAC, WAV, PCM, NTFS audio files
- DRM protected WMA files
- WMA files in Lossless format

Playing a USB mass storage device

- 1 Make sure that your BTM177 is being powered on.
- 2 Plug a compatible USB mass storage device to BTM177's USB port marked . If needed, use a suitable USB cable to connect between the device and BTM177's USB port.
→ The device will automatically power on.
- 3 If the device is not powered on, turn on the power manually, then re-connect it.
- 3 Press **SOURCE** repeatedly (or **USB** on the remote) to enter USB mode.
→ PLEASE INSERT USB appears if no audio file is found in the USB device.
- 4 Press **▶▶** on your BTM177 to start play.
- To use other playback features, see the section of CD/MP3 Operation.

Helpful hints:

- Make sure that file names of MP3 files end with .mp3. and the file names of WMA files end with .wma.
- For DRM protected WMA files, use Windows Media Player 10 (or later) for conversion. Visit www.microsoft.com for details about Windows Media Player and WM DRM (Windows Media Digital Rights Management).
- For USB device playing, if the display shows "OL", it means that the USB device is electrically overloading BTM177. You need to change a USB device.

INFORMATION REGARDING USB DIRECT:

1. Compatibility of the USB connection on this micro system:

a) This micro system supports most USB Mass storage devices (MSD) that these devices are compliant to the USB MSD standards.

i) Most common Mass storage class devices are flash drives, memory sticks, jump drives and etc.

ii) If you see a "Disc Drive" showing up on your computer after you have plugged the mass storage device into your computer, most likely it is MSD compliant and it will work with this micro system.

b) If your Mass storage device requires 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 micro system again.

2. Supported Music type:

- a) This device only supports unprotected music with file extension: .mp3 .wma
- b) Music bought from on-line music stores are not supported because they are secured by Digital Rights Management protection (DRM).
- c) File name extensions that ended with the following are not supported: .wav; .m4a; .m4p; .mp4; .aac and etc.

3. No Direct connection can be made from a Computer USB port to the micro system even you have either or both mp3 or wma file in your computer.

Ripping function

This function enables you to record music to a connected USB mass storage device from DISC without interrupting your enjoyment of the music.

- 1 Insert a USB mass storage device with sufficient free space to the **USB DIRECT**  socket on the set.
- 2 Load a disc. Then, select a track where ripping will start. (See "CD/MP3-CD/WMA Operations".)
- 3 Press **USB REC** once to record the current track.
→ "REC_ONE" will be displayed briefly.
- 4 Press **USB REC** twice to record all tracks available.
→ "REC_ALL" will be displayed briefly.
- 5 At any moment, simply press **■** to stop ripping.

Notes:

- Some functions may be unavailable during ripping. In this case, you may see a prompt of "PRESS STOP TO RELEASE" on the display panel.
- You can continue enjoying music during ripping. However, music playback will be interrupted during speedy ripping.
- This function can also be combined with the programme function. In this case, selection of "REC ALL" in DISC mode will record all programmed tracks from the starting point to the USB mass storage device.
- Never unplug the USB mass storage device before pressing **■** to stop ripping.
- In the DISC mode, when you stop ripping or the free space is insufficient, the current track being ripped will not be recorded to your USB mass storage device and the playback will stop at the same time.
- If the disc used for ripping is protected CD disc, the message "PROTECT CD TYPE" is shown on the display, and you will not be able to continue recording.

To delete a track from your USB mass storage device

- 1 Plug in the USB mass storage device.
- 2 Select the track to be deleted during playback.
- 3 Press and hold **USB DEL** for 3 seconds.
→ "DELETE TRACK --- PRESS AGAIN TO DELETE" scrolls.
- 4 Press **USB DEL** on the remote control to confirm the deletion within 5 seconds.
→ "DELETE" appears.

The making of unauthorized copies of copy-protected material, including computer programmes, files, broadcasts and sound recordings, may be an infringement of copyrights and constitute a criminal offence. This equipment should not be used for such purposes.



Be responsible
Respect copyrights

Listening to an external source

You can listen to the sound of the connected external device through your system's speakers.

Using AUX IN (3.5 mm jack)

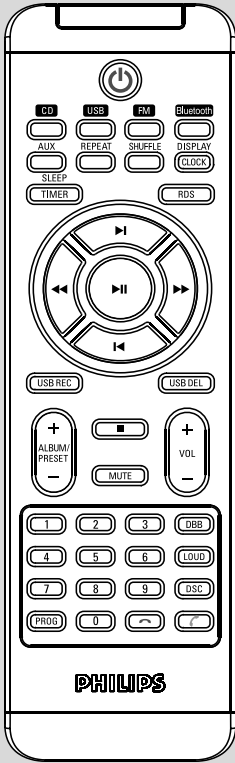
- 1 Use a cinch cable (not supplied) to connect **AUX IN** jack of the main unit (3.5 mm, located on the back panel) to an AUDIO OUT or headphone jack on an external equipment (such as CD player, or VCR).
- 2 Press **SOURCE** (or **AUX** on the remote control) repeatedly until "AUX 1" is displayed.

Using AUX IN 2 (white/red jacks)

- 1 Use the audio cables (white/red, not supplied) to connect **AUX IN 2 (L/R)** jacks of the main unit (located on the back panel) to the corresponding AUDIO OUT jacks on an external device (such as TV or VCR).
- 2 Press **SOURCE** (or **AUX** on the remote control) repeatedly until "AUX 2" is displayed.

Note:

– To connect equipment with two AUX OUT (left/right) terminals, you can use a "single to double" cinch cable (not supplied).



The Bluetooth capabilities of BTM177 enable it to receive audio from various other Bluetooth-enabled devices wirelessly (for example, a mobile phone, PDA etc.) within a range of approximately 10 meters (30 feet).

Supported Bluetooth profiles

Your system supports the following Bluetooth profiles:

Hands-Free Profile (HFP)

Headset Profile (HSP)

Advanced Audio Distribution Profile (A2DP)

Audio Video Remote Control Profile (AVRCP)

Note:

– Before pairing a Bluetooth-enabled device with this system, please first read the user manual of the device to check whether it supports any of the above profiles.

Pairing a Bluetooth-enabled device with the system

IMPORTANT!

– The Bluetooth transmitter and receiver hardware in this system has an approximate operational range of 10 meters (30 feet) in open space. Generally Bluetooth devices can communicate with each other clearly within a regular sized room or office. Operation between different rooms will depend on the construction of the room. It is important to recognize the fact that Bluetooth communication range may be substantially reduced if the signal passes through a solid object. Human bodies, brick and concrete walls, and heavy furniture or bookcases will reduce the operational range of your Bluetooth devices. Glass, dry-wall or wood paneled walls and office partitions may have a less severe but noticeable effect. You should position your Bluetooth devices closer to each other if you observe communication difficulties.

– Please familiarize yourself with the Bluetooth capabilities of your device before connecting it to this system. Compatibility with all Bluetooth devices is not guaranteed!

– Keep the system away from any other electronic device that may cause interference, e.g., a PC or microwave oven.

- 1 Place the Bluetooth-enabled device for pairing within 10 meters (30 feet) from the system.
- 2 Press **SOURCE** on the top of the system (or **BLUETOOTH** on the remote control) to select the Bluetooth source.
→ “BT” appears on the display panel.
- 3 Press and hold **PAIRING** on the top of the system or the remote control for more than 3 seconds.
→ “PAIRING” starts flashing on the display panel.
- 4 Set the Bluetooth-enabled device to search for other available Bluetooth devices until it recognizes “PHILIPS BTM177”. (Refer to the user manual of the device to be connected for detailed operations.)


Bluetooth Operation

- 5 Select "PHILIPS BTM177" to start pairing.
- 6 Enter "0000" when prompted for a keyword.
- 7 Wait for completion of the pairing until you hear a double beep from the system and the bluetooth icon turns on.
 - If the connected device (mobile phone) supports the HFP and/or HSP profiles, the display panel of the system will show "PHONE CONNECTED" briefly.
 - If the connected device (mobile phone or other device) supports the A2DP profile, the display panel of the system will show "PHONE CONNECTED" followed by "STEREO CONNECTED" briefly.
 - You may be asked to grant permission for "AVRCP" or "Remote Control" functions. You should grant this permission for complete connection.
 - The name of the paired device will appear on the display panel after successful pairing.
- 8 Repeat the above steps if you want to pair more Bluetooth-enabled devices with the system.

To disconnect a paired device

- Switch off the device or move it beyond the communication range.
 - "DISCONNECT PHONE" or "DISCONNECT STEREO" will appear on the display panel of the system briefly when the connection is terminated.
 - You will hear a long beep from the system.

To disconnect all paired devices

- Press and hold on  for more than 5 seconds until "DISCONNECT ALL" appear on the display panel of the system.
 - No message on the display panel indicates that there is no active connection to terminate.

Notes:

– The system can store pairing information of up to 7 devices. You do not need to pair a device every time you want to reconnect it with this system. As long as the system is powered on and the reconnection function of device is activated, the paired device will reconnect to the system whenever it comes into the communication range.

- If an eighth device is paired, the pairing information of the first paired device will be overwritten.
- "FAILED" will appear on the display panel of the system if no pairing is made within one minute. In this case, please refer to the related items in "Troubleshooting" for a solution to the problem.

Operating a connected Bluetooth-enabled device through the system

BTM177 is designed with a built-in high-quality microphone (speakerphone) allowing you to make or end calls of a connected mobile phone through this system.


Notes for the speakerphone:

- To achieve the best performance from your system, please follow these guidelines for placement and use of the speakerphone:
 - 1) Choose a quiet environment.
The microphone on the unit will pick up your voice, as well as some amount of background noise. Using this unit in a quiet place will make it easier for the party you are calling to hear your voice.
 - 2) Minimize echo in the room.
Using this unit in a room that has carpets, drapes and soft furnishings will give better performance than using in a room with highly reflective surfaces such as tile, concrete and glass.
 - 3) Keep in range of the microphone.
The closer you speak to the microphone, the more clearly your voice will be heard. If you are within 2 meter of the microphone you may talk at a normal volume and your voice should be clear to the party you are calling. If you move beyond 3 meter, you will need to raise your voice in order to be heard clearly. Use beyond 5 meter range is not recommended.
 - 4) Choose a sensible listening volume.
This unit is designed to perform best at moderate listening levels. If you increase the volume too much, you may begin to hear an echo. The best listening level is normally a maximum volume level of 20.

5) Place the unit in line with your mouth. If you will be using this unit while sitting down, place the unit at tabletop level, in line with the level of your mouth. Placing the unit on a high cabinet or on the floor may reduce the pick-up of the microphone.

Receiving a call through the system (for a connected mobile phone supporting the HFP and HSP profiles)

When there is an incoming call to the connected mobile device, you will hear an incoming call alert tone from the speakers of the system and the display panel of the system will show "IN CALL" and the calling number (if available). In this case, you can:

- Press **PAIRING** on the top of the system or the remote control to accept the call.
→ The display panel of the system will show "CALLING".
- Press  on the top of the system or the remote control to reject the call.
→ The display panel of the system will show "CALL END".
- Press and hold **PAIRING** on the top of the system or the remote control to transfer sound from system speakers to the mobile phone or conversely.
→ The display panel of the system will show "TRANSFER".

Holding a call through the system (for a connected mobile phone supporting the HFP and HSP profiles)








- During a call, you can press **MUTE** on the remote control to mute the microphone (speakerphone) so that the other party cannot hear your voice.
→ The display panel of the system will show "MIC MUTE".

To resume sound input of the microphone

- Press **MUTE** on the remote control again.
→ The display panel of the system will show "CALLING".

Listening to music from the connected device through the system (for a device supporting the A2DP profile)

BTM177 allows you to connect your A2DP-capable device and stream high-quality stereo music over Bluetooth to the system for playback. If the connected device also supports the AVRCP profile, you can also control music playback of the connected device from the system or its remote control:

- Press  to start playback.
- Press  again to pause playback.
- Press  /  on the top of the system (or  /  on the remote control) to select a track.
- Press  to stop playback.

Clock/Timer

Viewing clock

- The clock (if it is set) is shown in normal standby mode.

To view the clock in any sound source (CD or FM for example)

- Press briefly **DISPLAY/CLOCK**.

Setting the clock

- 1 In standby mode, press **DISPLAY/CLOCK**.
→ 12 hour or 24 hour mode is displayed.
- 2 Press **ALBUM/PRESET +/-** to select between 12 hour and 24 hour display.
- 3 Press **DISPLAY/CLOCK** again to confirm.
→ The hour digits flash.
- 4 Press **ALBUM/PRESET +/-** to select the hour.
- 5 Press **DISPLAY/CLOCK** to confirm.
→ The minutes digits flash.
- 6 Repeat steps 4-5 to set minute.


Setting the timer

- The system can be used as an alarm clock, whereby the CD or FM or USB is switched on at a set time. The clock time needs to be set first before the timer can be used.
- 1 In standby mode, press and hold **SLEEP/TIMER** about 2 seconds on the remote control.
 - 2 Press **SOURCE** (or **CD/USB/FM** on the remote control) to select sound source.
 - 3 Press **SLEEP/TIMER** to confirm your desired mode.
→ The hour digits flash.
 - 4 Press **ALBUM/PRESET +/-** on the remote control to set hour.
 - 5 Press **SLEEP/TIMER** to confirm.
→ The minutes digits flash.
 - 6 Repeat steps 4-5 to set minute.

Notes:


- *Timer is not available in Bluetooth or AUX mode.*
- *If CD source is selected and no disc is in the CD tray or the disc has an error, FM will be selected automatically.*
- *If USB source is selected and no compatible USB device is plugged, FM will be selected automatically.*

Activating and deactivating TIMER

- press **SLEEP/TIMER** repeatedly.
→ Display shows  if activated, and disappears if deactivated.

Activating and deactivating SLEEP

The sleep timer enables the system to switch off by itself after a set period of time.

- Press **SLEEP/TIMER** on the remote control repeatedly.
→ Display shows **zzZ** and one of the sleep time options in sequence: 90, 75, 60, 45, 30, 15, OFF... if you have selected a time.
- To deactivate, press **SLEEP/TIMER** on the remote control once or more until "OFF" is shown, or press **STANDBY ON** on the system (or  on the remote control).
→ **zzZ** disappears from the display.

Specifications

AMPLIFIER

Output power 2 x 25W RMS
 Signal-to-noise ratio ≥ 70 dBA (IEC)
 Frequency response 50 – 16000 Hz
 Impedance loudspeakers 4Ω

CD PLAYER

Frequency range 50 – 16000 Hz
 Signal-to-noise ratio 70 dBA

TUNER

FM wave range 87.5 – 108 MHz
 Sensitivity at 75 Ω
 – FM 26 dB sensitivity 20 dBf
 Total harmonic distortion ≤ 1%

USB

USB 12Mb/s, V1.1
 support MP3 and WMA files
 Number of albums/folders maximum 99
 Number of tracks/titles maximum 400

Bluetooth

Communication system Bluetooth Standard version 2.0
 Output Bluetooth Standard Power Class 2
 Maximum communication range Line of sight approx. 10m¹⁾
 Frequency band 2.4 GHz band (2.4000 GHz - 2.4835 GHz)

Modulation method FHSS
 Compatible Bluetooth profiles²⁾
 A2DP (Advanced Audio Distribution Profile)
 .. AVRCP (Audio Video Remote Control Profile)
 Supported codecs
 Receive SBC (Sub Band Codec), MP3
 Transmit SBC (Sub Band Codec)

1) The actual range will vary depending on factors such as obstacles between devices, magnetic fields around a microwave oven, static electricity, reception sensitivity, antenna's performance, operating system, software application, etc.
 2) Bluetooth standard profiles indicate the purpose of Bluetooth communication between devices.

*Wireless range: 10m/30ft. line of sight, range may vary depending on actual conditions. Bluetooth® device with A2DP (Advanced Audio Distribution Profile) enabled.

SPEAKERS

Bass reflex system
 Dimensions (w x h x d) . 160 x 250 x 180 (mm)

GENERAL INFORMATION

AC Power 100 – 240V, 50/60 Hz
 Dimensions (w x h x d) .. 555 x 412 x 232 (mm)
 Weight (with speakers) approx. 5 kg
 Power consumption
 Active 30 W
 Standby < 5 W
 Eco Power Standby < 1 W

Specifications and external appearance are subject to change without notice.

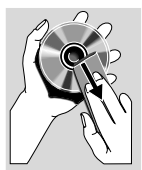
Maintenance

Cleaning the Cabinet

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

Cleaning Discs

- When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the centre out.
- Do not use solvents such as benzene, thinner, commercially available cleaners, or antistatic spray intended for analogue records.



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.

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 Philips for help.

Problem	Solution
"NO DISC" is displayed.	<ul style="list-style-type: none">✓ Insert a disc.✓ Check if the disc is inserted upside down.✓ Wait until the moisture condensation at the lens has cleared.✓ Replace or clean the disc, see "Maintenance".✓ Use a finalized CD-RW or a correct MP3-CD format disc.
Radio reception is poor.	<ul style="list-style-type: none">✓ 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 or VCR.
The system does not react when buttons are pressed.	<ul style="list-style-type: none">✓ Remove and reconnect the AC power plug and switch on the system again.
Sound cannot be heard or is of poor quality.	<ul style="list-style-type: none">✓ Adjust the volume.✓ Disconnect the headphones.✓ Check that the speakers are connected correctly.✓ Check if the stripped speaker wire is clamped.✓ 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.
The left and right sound outputs are reversed.	<ul style="list-style-type: none">✓ Check the speaker connections and location.

Problem	Solution
<p>The remote control does not function properly.</p>	<ul style="list-style-type: none"> ✓ Select the source (CD or FM, for example) before pressing the function button (▶, ◀, ▶). ✓ Reduce the distance between the remote control and the system. ✓ Insert the batteries with their polarities (+/- signs) aligned as indicated. ✓ Replace the batteries. ✓ Point the remote control directly towards the IR sensor.
<p>The time is not working.</p>	<ul style="list-style-type: none"> ✓ Set the clock correctly. ✓ Press SLEEP/TIMER to switch on the timer. ✓ If recording or tape dubbing is in progress, stop recording.
<p>The Clock/Timer setting is erased.</p>	<ul style="list-style-type: none"> ✓ Power has been interrupted or the power cord has been disconnected. Reset the clock/timer.
<p>The USB device doesn't play on my BTM177</p>	<ul style="list-style-type: none"> ✓ It is not set in the USB mode. Select USB mode. ✓ The device is not securely connected to BTM177's USB port. Re-connect the device, and make sure that the device is powered on. ✓ The device is not supported by BTM177, or the audio file format stored on the device is not supported by BTM177. Use a compatible device/playable audio file format.

Troubleshooting

Problem	Solution
“DEVICE NOT SUPPORTED” scrolls on the display.	<ul style="list-style-type: none">✓ Remove the USB mass storage device or select another source.
Sound input to the microphone cannot be heard clearly.	<ul style="list-style-type: none">✓ Move closer to the microphone when talking or talk louder.✓ Choose an environment with less echo effect and/or less background noise.✓ Reduce the system volume to achieve the optimal echo performance.
The audio quality is poor after connection with a Bluetooth-enabled device.	<ul style="list-style-type: none">✓ The Bluetooth reception is poor: Move the device closer to the system or remove any obstacle between the device and system.
A device cannot pair or connect with the system.	<ul style="list-style-type: none">✓ The device does not support Bluetooth communication or any of the compatible profiles required for the system.✓ You have not enabled the Bluetooth function of the device. Please refer to the user manual of the device for how to enable the function.✓ The system is not in the pairing mode. Select the Bluetooth source and press and hold PAIRING for more than 3 seconds until “PAIRING” appears on the display panel.✓ The system is already connected with another Bluetooth-enabled device. Disconnect that device or all other connected devices and then try again.
The paired mobile phone connects and disconnects constantly.	<ul style="list-style-type: none">✓ The Bluetooth reception is poor: Move the mobile phone closer to the system or remove any obstacle between the mobile phone and system.✓ Some mobile phones may connect and disconnect constantly when you make or end calls. This does not indicate any malfunction of the system.✓ For some mobile phones, the Bluetooth connection may be deactivated automatically as a power-saving feature. This does not indicate any malfunction of the system.
Music playback is unavailable on the system even after successful Bluetooth connection.	<ul style="list-style-type: none">✓ If the music cannot be played with your BT earpiece, the system will not work with the music as well, even though the HFP function works normally with the system.

Meet Philips at the Internet
<http://www.philips.com>

English

Français

Español

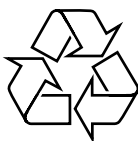
Deutsch

Nederlands

Italiano

Svenska

Dansk



BTM177

