

3 Select “**Philips TAM4205M2**” on your Bluetooth enabled device.

- If you fail to find “**Philips TAM4205M2**” or cannot pair with this product, press and hold **PAIRING** on the product or remote control for more than 2 seconds to enter pairing mode.

↳ After successful pairing and connection, you will hear the prompt sound from the unit.

4 Play audio on the connected device.

↳ Audio streams from your Bluetooth enabled device to this product.

To disconnect the Bluetooth-enabled device:

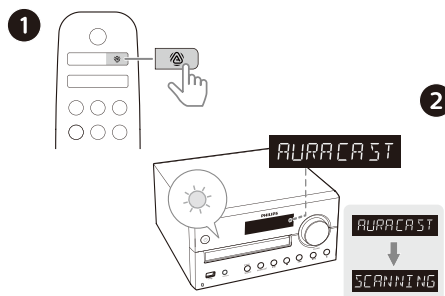
- Deactivate Bluetooth on your device.
- Press and hold **PAIRING** on the product or remote control for 2 seconds to enter pairing mode.
- Press and hold **PAIRING** on the remote control for 8 seconds to clear memorized devices.

5 Auracast operation

You can broadcast your music to this product or any other Auracast-compatible products.

Auracast receiver

- 1 Press  to select the Auracast source, or press **SOURCE** button on main unit to switch to Auracast source.
 - **[AURACAST RECEIVER]** is displayed.
 - The cyan indicator blinks.
- 2 If you enter Auracast source for the first time or if the station list is empty, the product performs a full scan automatically.
 - **[Scanning]** is displayed.
 - The micro system will automatically search for nearby Auracast broadcasts and connect to the unencrypted broadcast with the strongest signal.
 - If Auracast broadcast is not found within 20 seconds, it will enter idle mode and the cyan light will blink slowly.



- 3 On your mobile device or dongle that supports Auracast, follow the instruction to enable Auracast broadcast.
- 4 After successful connection, the cyan indicator turns solid.
- 5 Auracast source name is displayed.
- 6 Select and play audio from your Auracast enabled mobile device or dongle to this product.
- 7 Follow the Auracast connection on any additional Auracast-compatible products you want to include.

To disconnect Auracast, you can:

- Switch the product to another source.
- Deactivate Auracast broadcast on your mobile device or dongle.

Manually scan Auracast broadcast

In Auracast receiver mode, press  to rescan Auracast broadcast channel.

Select Auracast broadcast

Press  /  to select an Auracast broadcast.

Note

- Only unencrypted broadcast is selected and encrypted broadcast is skipped.

Auracast broadcast

Note

- Auracast receiver and Auracast broadcast cannot be turned on simultaneously. If you try to turn on Auracast broadcast in Auracast receiver mode, you will not be able to switch successfully. Vice versa.

- 1 In DISC/Bluetooth/FM/USB/Audio in source, press and hold the  / AURACAST button for 3 seconds or select **Source Control** on Philips Entertainment App ( / Auracast broadcast) to enter into Auracast broadcast.
- 2 On Philips Entertainment App, enter General Settings, select **Public** (unencrypted broadcast) or **Personal** (encrypted broadcast) from Auracast broadcaster.
 - When unencrypted broadcast is selected, LED turns solid purple.
 - When encrypted broadcast is selected, LED turns solid amber.
- 3 You can broadcast to any number of Auracast enabled products, follow the instruction to enable Auracast connection.
- 4 If Auracast broadcast channel is encrypted, Auracast receiver products are required to enter the password in order to listen to it.
 - The LED indicator of product will turn cyan when Auracast receive enabled.
- 5 Press the **SOURCE** button to switch between DISC/Bluetooth/FM/USB/Audio in to play different audio sources.

Disconnect Auracast broadcast

- Press and hold the  button for 3 seconds. Exit Auracast broadcast from your micro system.
 - ↳ LED blinks purple or amber 3 times.

6 Listen to FM radio

Tune to a radio station



Tip

- Position the FM antenna as far as possible from TV, or other radiation source.
- For optimal reception, fully extend and adjust the position of the FM antenna.

- 1 Press **FM** to select FM source.
- 2 Press and hold **◀◀/▶▶** for more than 2 seconds.
 - ↳ The radio tunes to a station with strong reception automatically.
- 3 Repeat step 2 to tune to more stations.

To tune to a weak station:

Press **◀◀/▶▶** repeatedly until you find optimal reception.

Store radio stations automatically



Note

- You can store a maximum of 20 FM radio stations.

- 1 Press **FM** to select FM source.
- 2 Press and hold **PROG/SCAN** for more than 2 seconds.
 - ↳ All available stations are programmed in the order of waveband reception strength.
 - ↳ The first programmed radio station is broadcast automatically.

Store radio stations manually

- 1 Tune to an FM radio station.
- 2 Press **PROG/SCAN** to activate program mode.
 - ↳ **[P01]** is displayed.
- 3 Press **▲/▼** to allocate a number from 1-20 to this radio station, and then press **PROG/SCAN** to confirm.
- 4 Repeat steps 1-3 to program more stations.



Note

- To overwrite a programmed station, store another station in its place.

Select a preset radio station

In FM mode, press **▲/▼** to select a preset number.

- While listening to FM radio, you may press **MODE** to toggle stereo and mono sound.

Display RDS information

RDS (Radio Data System) is a service that allows FM stations to show additional information.

- 1 Tune to an FM radio station.
- 2 Press **INFO** repeatedly to display various RDS information (if available), such as station name, program type, time, etc.

7 Adjust sound

The following operations are applicable to all supported media.

Select a preset sound effect

- Press **SOUND** repeatedly to select a preset sound effect.

Adjust volume level

- On the remote control, press **+/-** (volume) repeatedly.
- On the main unit, rotate the volume knob.

Mute sound

- Press  to mute or unmute the sound.

8 Other features

Set the alarm timer

This product can be used as an alarm clock. You can select the disc, radio, or .mp3 files on a USB storage device as alarm source.



Note

- Alarm timer is not available in AUDIO IN mode.
- If CD/USB source is selected, but no disc is placed or no USB device is connected, the radio source is selected automatically.

- 1 Make sure that you have set the clock.
- 2 In standby mode, press and hold **SLEEP/TIMER** for more than 2 seconds.
↳ The hour digits blink.
- 3 Press **◀◀/▶▶** repeatedly to set the hour, and then press **SLEEP/TIMER** to confirm.
↳ The minute digits blink.
- 4 Press **◀◀/▶▶** to set the minute, and then press **SLEEP/TIMER** to confirm.
↳ The last selected alarm source blinks.
- 5 Press **◀◀/▶▶** to select an alarm source (disc, USB or FM radio), and then press **SLEEP/TIMER** to confirm.
↳ **XX** blinks (XX indicates the volume level of alarm).
- 6 Press **◀◀/▶▶** to set the alarm volume, and then press **SLEEP/TIMER** to confirm.

Activate/deactivate alarm timer

In standby mode, press **SLEEP/TIMER** repeatedly to activate or deactivate timer.

- ↳ If timer is activated, **TIMER** is displayed.
- In standby, you may press and hold **CLOCK** to toggle clock display on or off.

Set the sleep timer

This music system can switch to standby automatically after a set period of time.

- When the music system is turned on, press **SLEEP/TIMER** repeatedly to select a set period of time (in minutes).
 - ↳ When sleep timer is activated, **SLEEP** is displayed.

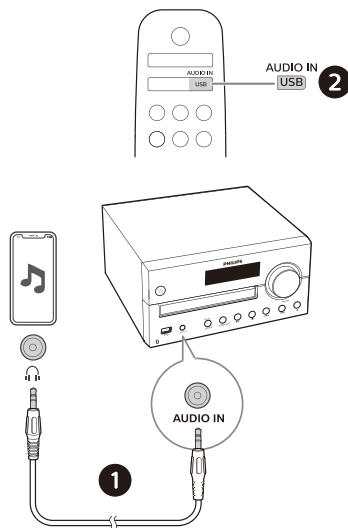
To deactivate sleep timer

- Press **SLEEP/TIMER** repeatedly until **[OFF]** (sleep off) is displayed.
 - ↳ When sleep timer is deactivated, **SLEEP** disappears.

Listen to an external device

You can listen to an external device through this unit with an MP3 link cable.

- 1 Connect an MP3 link cable (not supplied) between:
 - **AUDIO IN** jack (3.5 mm) on the product.
 - An the headphone jack on an external device.
- 2 Press **AUDIO IN** repeatedly to select **AUDIO IN** Source.
- 3 Start to play the device (see the device user manual).



Factory reset

Reset device to default setting.

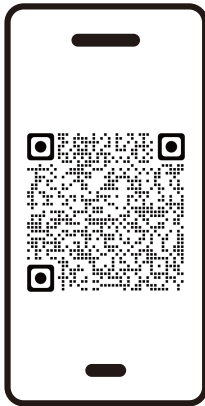
When the device is power on, press and hold **▶||** buttons for 5 seconds in **AUDIO IN** source at **VOLUME 2**.

The device is restore to factory defaults and enters standby mode.

9 Philips Entertainment App

App download

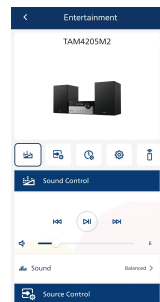
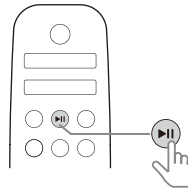
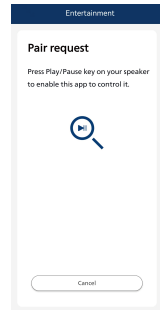
Scan the QR code and press “Download” button, or search “Philips Entertainment” in the Apple App Store or Google Play to download the App.



philips.to/entapp

The Philips Entertainment App puts you in charge of the music you are listening to. You can use your smart device to easily choose the sound style you want, switch between sources, and more.

Pair the App with your micro system



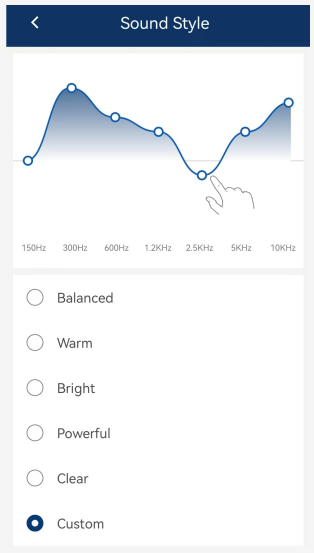
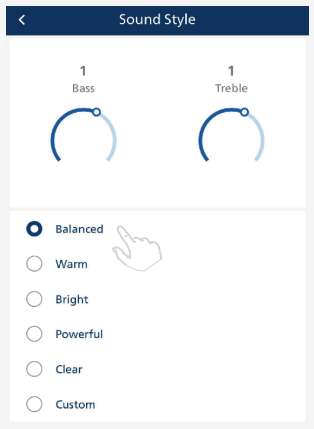
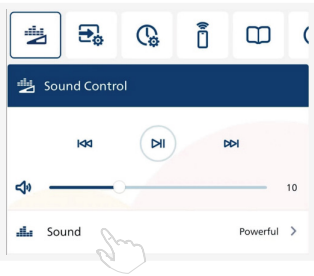
- 1 Launch the Philips Entertainment App on your mobile device.
- 2 Make sure your mobile device is enabled the Bluetooth setting.
- 3 If you connect the Philips Entertainment App with your micro system for the first time, you are asked to pair the App with your micro system.
- 4 Press Play/Pause key on your micro system to enable the App to discover and control it.

Choose your Sound

You can choose the ideal sound for your music.

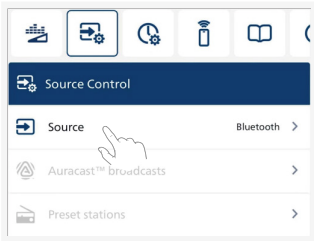
Select Equalizer (EQ) Effect

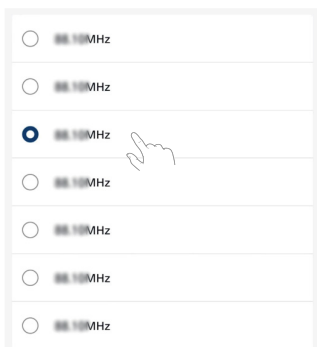
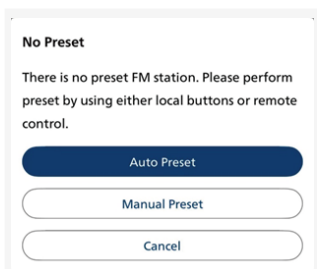
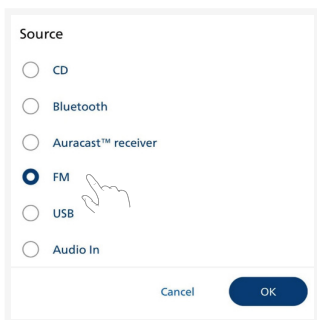
Press  icon on the App to select predefined sound modes to suit your music: **BALANCED/WARM/BRIGHT/POWERFUL/CLEAR/CUSTOM**.



Select Source

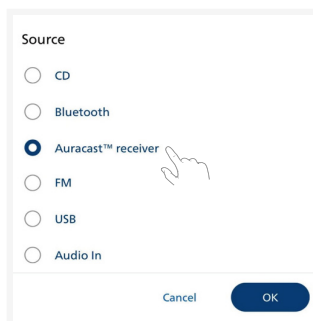
Press  icon on the App to select **CD/BLUETOOTH/AURACAST/FM/USB/AUDIO IN**.



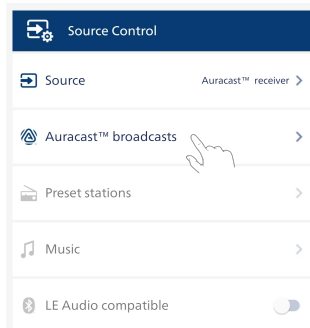


Receive unencrypted Auracast broadcast

1 Select Auracast™ receiver source.

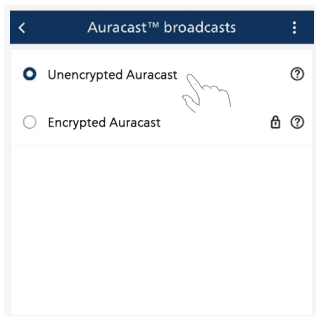


2 Press **[Auracast™ broadcasts]** to enter Auracast™ broadcast list.



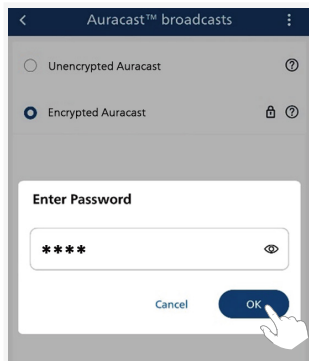
3 When an **unencrypted** playback source from mobile phone or dongle is selected, the micro system will search and connect to it.

↳ Make sure to activate Auracast™ broadcast on your mobile phone or dongle.



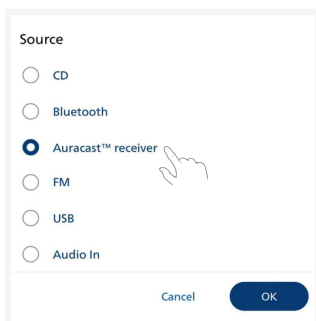
- 3 When an **encrypted** playback source from mobile phone or dongle is selected, you will be asked to input a password. Entering the same password that you input when setting up Auracast™ broadcast from your mobile phone or dongle.

→ Make sure to activate Auracast™ broadcast on your mobile phone or dongle.



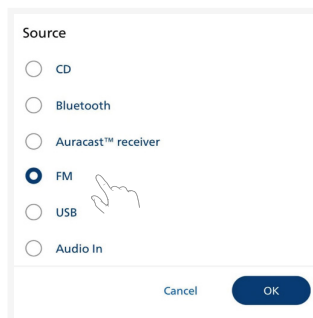
Receive encrypted Auracast broadcast

- 1 Select Auracast™ receiver source.

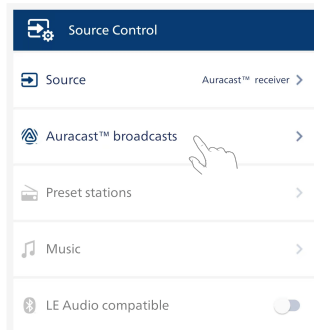


Select a preset radio station

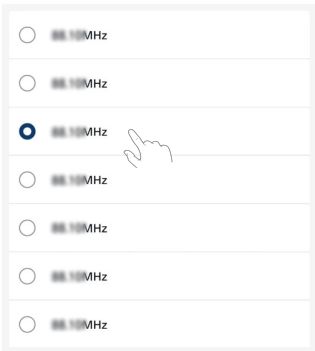
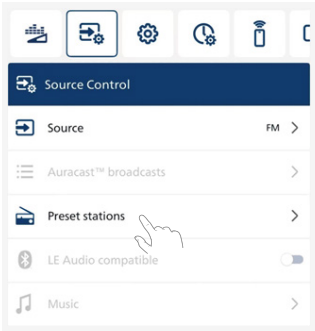
- 1 Select to enter [FM] source.



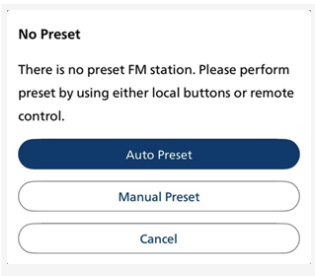
- 2 Press [Auracast™ broadcasts] to enter Auracast™ broadcast list.



2 Press to select FM preset station.

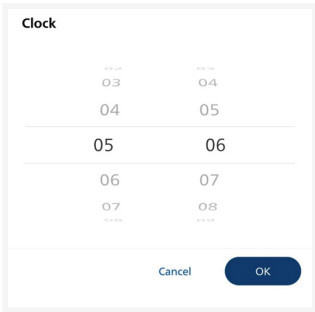
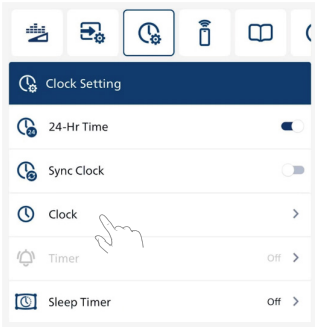


When there is no preset station stored in the micro system, the App will remind to perform auto scanning or manual preset.



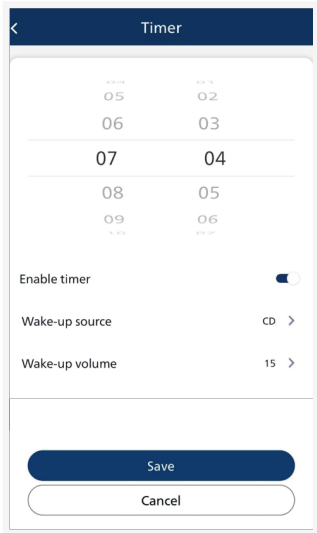
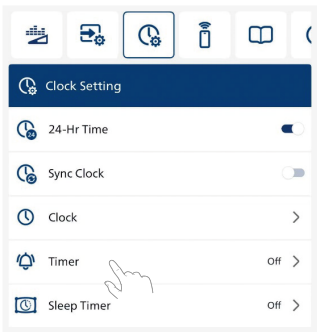
Clock Setting

Press  icon on the App to enter clock setting.



- **[24-Hr Time]**: Set 12 or 24-hour time mode.
↳ 24Hr Time is set by default.
- **[Sync Clock]**: When Sync clock is enable, the App will synchronize the mobile clock to micro system upon their connection.
↳ Turn off **[Sync Clock]** so that users can customize the time for their micro systems.
- **[Clock]**: option to swipe and select the time on the clock page.

Set Alarm Timer



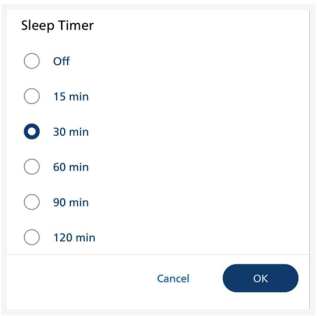
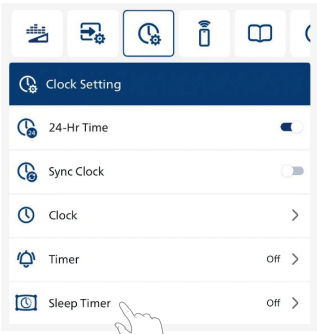
- 1 **[Timer]** : Press to enter the alarm timer setting. Set the time to wake up the micro system.
- 2 Select **[Enable timer]** : The micro system will automatically turn on and play after reaching the set time.

- 3 Select **[Wake-up source]** : CD/FM/USB.
- 4 Select **[Wake-up volume]** : volume level 0 to32.
- 5 Press **[Save]** to store the wake-up timer setting.
- 6 The micro system will turn on at the set time.

Note

- When clock is not set, alarm timer cannot be set.

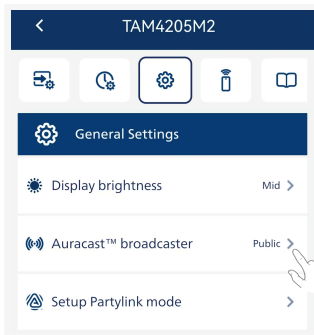
Set Sleep Timer



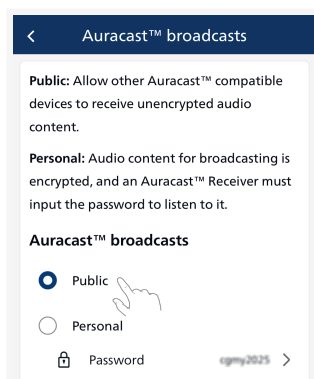
- 1 Press **[Sleep Timer]** to enter sleep timer setting.
- 2 Select **15/30/60/90/120 min.**
- 3 Press **[OK]** to store the sleep timer setting.
- 4 The micro system will turn off after the set time.

Select Auracast broadcast

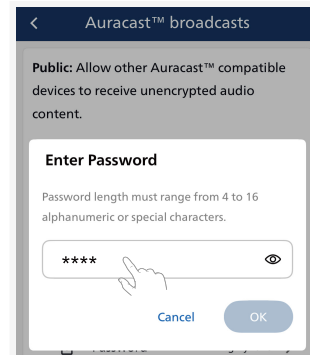
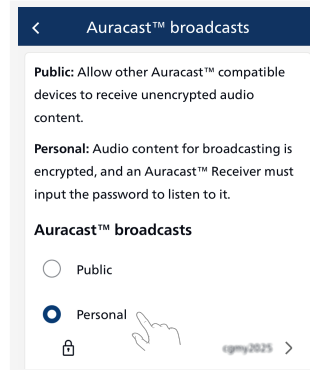
- 1 Press  icon on the App to enter General Settings list.



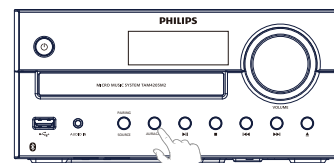
- 2 Select **Public** or **Personal** broadcasts.



- 3 Set a password when **Personal** (encrypted broadcast) is selected.

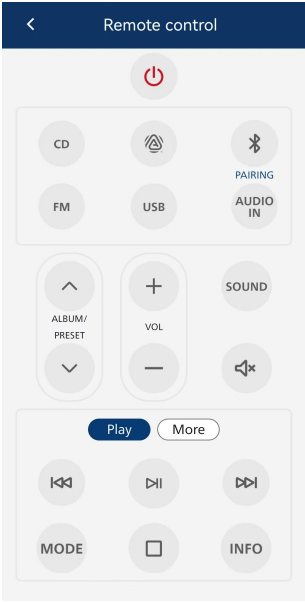


- 4 Press and hold  button on the device then it will enter Auracast scanning mode.

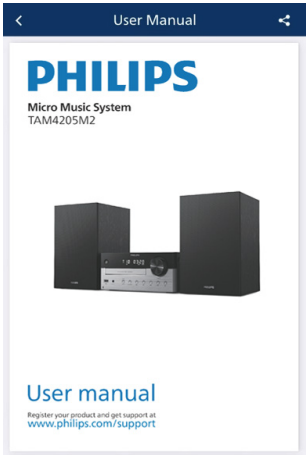
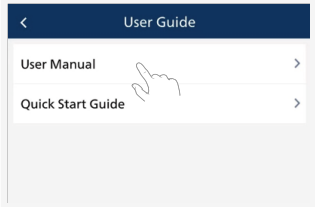


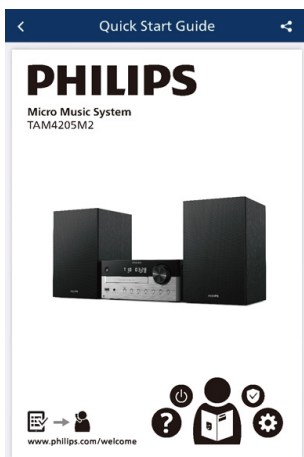
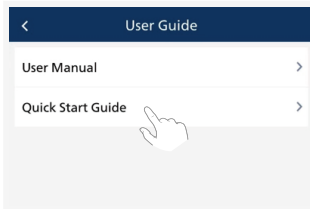
Remote control

Press  icon to enter and use your mobile device via Philips Entertainment App as a remote control to operate the micro system.



User guide





For more information about using this product, press  icon on the App you can find [User Manual] and [Quick Start Guide].

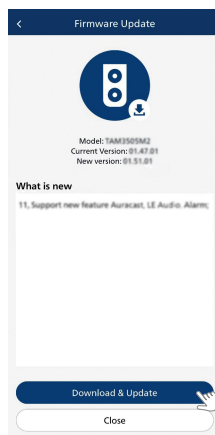
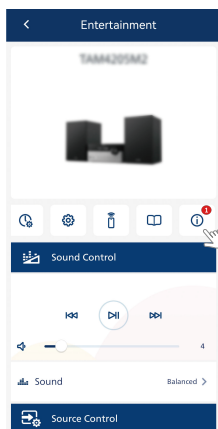
Firmware upgrade

To get the best features and support, update your product with the latest firmware version.

The firmware for MCU can be upgraded to the latest version via Philips Entertainment App.

Please go to **Firmware Update** and press **Download & Update**. If the upgrade is released, the **Download & Upgrade** icon can be pressed to proceed automatically.

Once this product is connected to Philips Entertainment App, it can receive over-the-air firmware update. Always upgrade with the latest firmware version to improve the performance of this product.



10 Product information



Note

- Product information is subject to change without prior notice.

Specifications

- Rated output power :**
 - Total 80W (RMS)
- Acoustic frequency response:**
66Hz-20KHZ
- Speaker driver:**
2 x 4" woofer 4Ω;
2 x 0.75" tweeter 4Ω ;
- Bass enhancement:** 2 x bass port
- Support disc type:** CD-DA, CD-R, CD-RW, MP3-CD (8/12 cm)
- Bluetooth version:** V5.4
- Bluetooth supported profiles:**
A2DP V1.3, AVRCP V1.6
- Bluetooth frequency band/Output power:** 2.402GHz~2.480GHz ISM Band/≤ 9dBm
- USB playback:**
 - Type A, USB Direct 2.0,5V/500mA , MSC file format, FAT 16/32, Support
 - USB up to 128G
- Tuner frequency range:**
FM 87.5-108MHz
- Preset stations:** 20
- AUDIO IN input level:**
500mV ±100mV RMS
- Power:** 100-240V~,50/60HZ (AC Input)
- Operation power consumption:**
20W
- Standby power consumption:**
< 0.5W (clock display off)

- Dimensions(WxHxD):**
220 x 105 x 231mm (Main unit);
148 x 240 x 203mm (Speaker box)
- Weight:** 1.5 kg (Main unit);
2 x 1.9 kg (Speaker box)

USB playability information

Extension	Codec	Sample Rate	Bitrate
.mp3	MPEG 1 Layer 1	32~48 kHz	32~320 kbps
	MPEG 1 Layer 2	32~48 kHz	32~320 kbps
	MPEG 1 Layer 3	32~48 kHz	32~320 kbps
.wav	WAV	8~48 kHz	Up to 1536 kbps
.wma	WMA	8~48 kHz	48~192 kbps
.flac	FLAC	Up to 48 kHz/16 bit	

Compatible USB devices:

- USB flash memory (USB2.0 or USB11)
- USB fash players (USB2.0 or USB1.1)
- memory cards (requires an additional card reader to work with this unit)

Supported USB formats:

- USB or memory file format: FAT12, FAT16, FAT32 (sector size: 512 bytes)
- MP3 bit rate (data rate): 32-320 Kbps and variable bit rate
- WMA bit rate (data rate) : 48~192 kbps
- WAV bit rate (data rate) : Up to 1536 kbps
- Directory nesting up to a maximum of 8 levels

- Number of albums/folders: maximum 99
Number of tracks/titles: maximum 999
File name in Unicode UTF8 (maximum length: 32 bytes)

Unsupported USB formats:

- Empty album: An empty album is an album that does not include MP3/WMA/WAV graphics and will not be displayed.
- Unsupported file formats will be skipped. For example, Word files (.doc) or MP3 files with the extension .dif will be ignored and will not be played.

Supported MP3 disc formats

- ISO9660, Joliet
- Maximum title number: 128 (depending on file name length)
- Maximum album number: 99
- Supported sampling frequencies: 32 kHz, 44.1 kHz, 48 kHz
- Supported Bit-rates: 32~320(kbps), variable bit rates

11 Troubleshooting



Warning

- Never remove the casing of this device.

To keep the warranty valid, never try to repair the system yourself.

If you encounter problems when using this device, check the following points before requesting service. If the problem remains unsolved, go to the Philips Web page (www.philips.com/support). When you contact Philips, make sure that the device is nearby and the model number and serial number are available.

No power

- Make sure that the AC power cord of the device is connected properly.
- Make sure that there is power at the AC outlet.
- As a power-saving feature, the system switches off automatically 15 minutes after track play reaches the end and no control is operated.

No sound or poor sound

- Adjust the volume.
- Check that the speakers are connected correctly.
- Check if the stripped speaker wires are clamped.

No response from the unit

- Disconnect and reconnect the AC power plug, then turn on the unit again.
- As a power-saving feature, the system switches off automatically 15 minutes after track play reaches the end and no control is operated.

Remote control does not work

- Before you press any function button, first select the correct

source with the remote control instead of the main unit.

- Reduce the distance between the remote control and the unit.
- Insert the battery with its polarities (+/- signs) aligned as indicated.
- Replace the battery.
- Aim the remote control directly at the sensor on the front of the unit.

No disc detected

- 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.
- Use a finalized CD or correct format disc.

Cannot display some files in USB device

- The number of folders or files in the USB device has exceeded a certain limit. This phenomenon is not a malfunction.
- The formats of these files are not supported.

USB device not supported

- The USB device is incompatible with the unit. Try another one.

Poor radio reception

- Increase the distance between the unit and your TV or other radiation sources.
- Fully extend the radio antenna.

Music playback is unavailable on this unit even after successful Bluetooth connection.

- The device cannot be used to play music through this unit wirelessly.

The audio quality is poor after connection with a Bluetooth-enabled device.

- The Bluetooth reception is poor. Move the device closer to this unit or remove any obstacle between them.

Bluetooth cannot be connected with this unit.

- The device does not support the profiles required for this unit.
- The Bluetooth function of the device is not enabled. Refer to the user manual of the device to find out how to enable the function.
- This unit is not in pairing mode.
- This unit is already connected with another Bluetooth-enabled device. Disconnect that device and then try again.

The paired mobile device connects and disconnects constantly.

- The Bluetooth reception is poor. Move the device closer to this unit or remove any obstacle between them.
- Some mobile phones may connect and disconnect constantly when you make or end calls. This does not indicate any malfunction of this unit.
- For some devices, the Bluetooth connection may be deactivated automatically as a power-saving feature. This does not indicate any malfunction of this unit.

Timer does not work

- Set the clock correctly.
- Switch on the timer.

Clock/timer setting erased

- Power has been interrupted or the power cord has been disconnected.
- Reset the clock/timer.

How to keep clock display on or off in standby?

- In standby, press and hold **CLOCK** to toggle clock display on or off.



Specifications are subject to change without notice.

2025 © Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V. and are used under license. This product has been manufactured by and is sold under the responsibility of MMD Hong Kong Holding Limited or one of its affiliates, and MMD Hong Kong Holding Limited is the warrantor in relation to this product.

TAM4205M2_12_37_UM_V2.0

