

PHILIPS

Turntable
TAV9000D



User manual

Register your product and get support at:
www.philips.com/support

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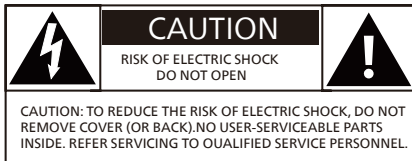
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1 Important

Safety

Read and understand all instructions before you use this turntable.
If damage is caused by failure to follow the instructions, the warranty does not apply.



This 'bolt of lightning' indicates uninsulated material within the device may cause an electrical shock. For the safety of everyone in your household, please do not remove the covering. The 'exclamation mark' calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems. **WARNING:** To reduce the risk of fire or electric shock, the device should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on the device.

CAUTION: To prevent electric shock, fully insert the plug. (For regions with polarized plugs: To prevent electric shock, match wide blade to wide slot.)

Warning

- Never remove the casing of this apparatus.
- Never lubricate any part of this apparatus.
- Never look into the laser beam inside this apparatus.
- Never place this apparatus on other electrical equipment.
- Keep this apparatus away from direct sunlight, naked flames or heat.
- Ensure that you always have easy access to the power cord, plug or adaptor to disconnect the apparatus from the power.

- Make sure that there is enough free space around the product for ventilation.
- Only use attachments/accessories specified by the manufacturer.
- The product shall not be exposed to dripping or splashing.
- Do not place any source of danger on the product (e.g. liquid filled objects, lit candles).
- Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- Please use the product safely in an environment with temperature between 0°C and 40°C.



This is CLASS II apparatus with double insulation, and no protective earth provided.

CAUTION—CLASS 2 LASER RADIATION
WHEN OPEN DO NOT STARE
INTO THE BEAM (IEC60825-1/Class 2)

Class 2 Laser radiation when open.
Do not stare into the beam.
(Inside of the product)

(Class type varies by products. Please refer to the actual product received.)



Note

- The type plate is located on the back of the product.

Notice

Compliance

Any changes or modifications made to this device that are not expressly approved by MMD Hong Kong Holding Limited may void the user's authority to operate the product. Hereby, TP Vision Europe B.V. declares that this product is in compliance with the essential requirements and other relevant provisions of RED Directive 2014/53/EU and UK Radio Equipment Regulations SI 2017 No 1206. You can find the Declaration of Conformity on www.philips.com/support.



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



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



This symbol means the product must not be discarded as household waste and should be delivered to an appropriate collection facility for recycling. Follow local rules and never dispose of the product with normal household waste.

Correct disposal of old products helps prevent negative consequences for the environment and human health.



This symbol means that the product contains covered by European Regulation 2023/1542 which cannot be disposed of with normal household waste. Inform yourself about the the local separate collection system for electrical and electronic collection system for electrical and electronic products. Follow local rules and never dispose of the product with normal household waste. Correct disposal of old products helps prevent negative consequences for the environment and human health.

Trademarks



The Auracast™ word mark and logos are trademarks owned by Bluetooth SIG, Inc. and any use of such marks by MMD Hong Kong Holding Limited is under license. Other trademarks and trs.



The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by MMD Hong Kong Holding Limited is under license.



The making of unauthorized copies of copy-protected material, including computer programs, 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.

2 Your turntable

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your product at www.philips.com/support.

Introduction

With this turntable, you can

- Play from vinyl records;
- Listen to music via Bluetooth;
- Listen to the radio;
- Enjoy music through headphones;
- Support Bluetooth out and Aux out;
- Support Auracast™ broadcast & Auracast™ receiver;
- Use App to control the unit.

What's in the box

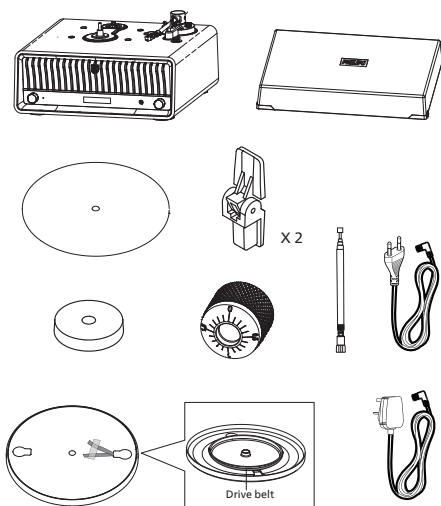
Check and identify the contents of your package:

- Main unit
- Platter (include belt)
- Slipmat
- Dust cover
- Power cords x2
- Counterweight
- 45 rpm adaptor
- Hinges x2
- Telescopic antenna
- Quick start guide
- Safety sheet
- Warranty card

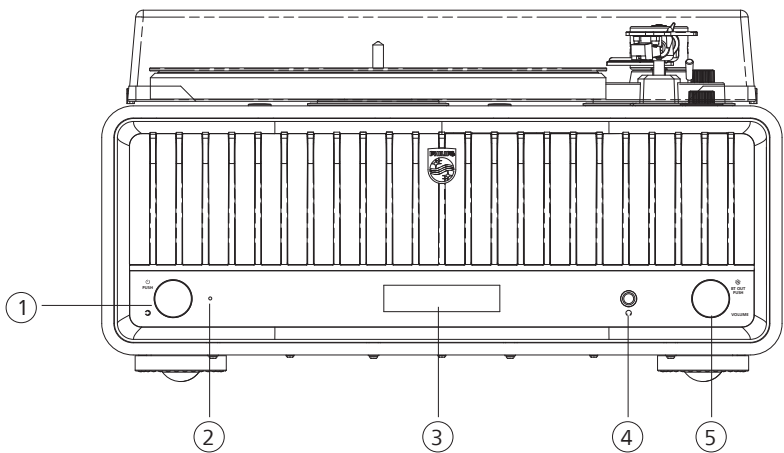


Note

- Power cord quantity and plug type vary by regions.
- Images, illustrations and drawings shown on this user manual are for reference only. Actual product may vary in appearance.



Overview of the turntable



- 1



PUSH 

 - Press to power on and go to last source.
 - Turn to switch source (Phono/Bluetooth /Auracast™ Receiver/ DAB/FM/USB direct /Audio in).
- 2

LED indicator
 - Auracast™/ Bluetooth in / out led indicator.
- 3

LED DISPLAY
- 4



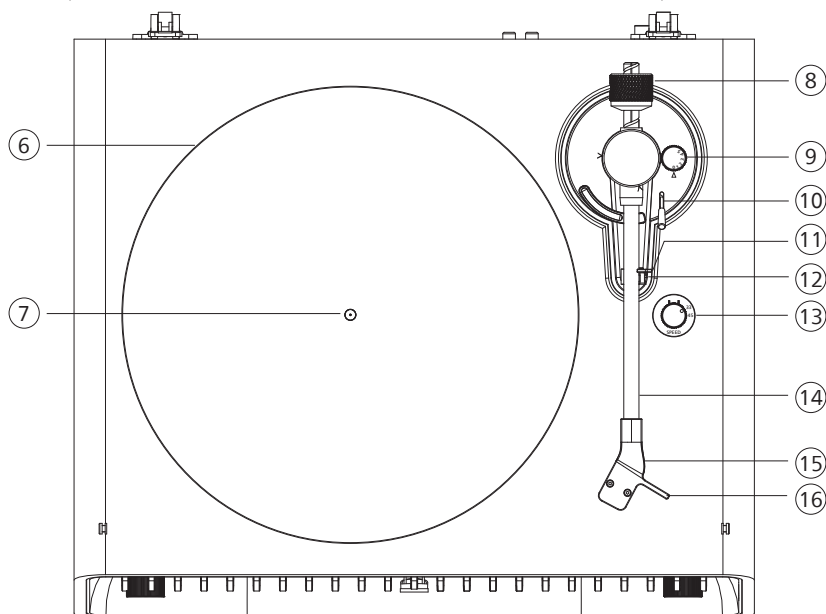
HEADPHONE JACK (6.3MM)
 - Connect the headphone.
- 5



/BT OUT/VOLUME
 - Long press to enter menu, Auracast™ broadcast or BT out.
 - In Auracast receiver mode, long press to rescan Auracast™ broadcast channel.
 - In Standby mode
 - Long press : timer on/off
 - Short press : clock on/off
 - Turn to adjust volume level (not in menu) .

Function status		Pattern
Power	Standby	● Solid Red
	Power off	— Off
Bluetooth	Pairing	↻ Blink Blue (fast)
	Connected	● Solid Blue
	Disconnected	↻ Blink Blue (slowly)
Auracast™	Encrypted Auracast™ broadcast	● Solid Amber
	Deactivated encrypted Auracast™ broadcast	↻ Blink Amber (fast)
	Unencrypted Auracast™ broadcast	● Solid Purple
	Deactivated unencrypted Auracast™ broadcast	↻ Blink Purple (fast)
	Auracast™ receiver scanning mode	↻ Blink Cyan (slowly)
	Auracast™ receiver connected	● Solid Cyan
Bluetooth out	Auracast™ receiver idle	↻ Blink Cyan (very slowly)
	Pairing	↻ Blink White (slow)
	Connected	○ Solid White
	Disconnected	↻ Blink White (fast)

Overview of the turntable



⑥ PLATTER

- The position to place a vinyl record.

⑦ CENTER SPINDLE

- The spindle holds the turntable platter stable and centered.

⑧ COUNTERWEIGHT

- Balance the stylus pressure.

⑨ ANTI-SKATING KNOB

- The anti-skating apply inward force to the tone arm to prevent outward skipping across the record due to the centrifugal force caused by platter rotation.

⑩ TONE ARM LIFT LEVER

- Used to control the tone arm to rise from/fall on a record surface without endangering the surface of the record and the stylus.

⑪ TONE ARM CLIP

- Fix the tone arm for protection during non-use.

⑫ TONE ARM REST

- Use this rest to hold the tone arm during non-use.

⑬ SPEED ROTARY KNOB

- Switch speed (33-1/3 & 45 RPM).

⑭ TONE ARM

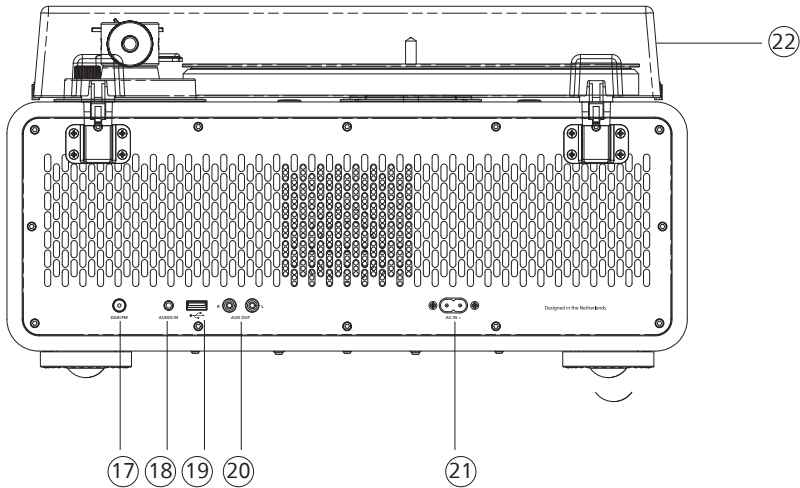
- Drive the stylus to slide above the record.

⑮ HEADSHELL AND CARTRIDGE

- The cartridge (AT3600LA) is attached to the headshell.

⑯ FINGER LIFT

Overview of the turntable



17 DAB / FM ANTENNA

- Improve FM/DAB+ reception.

18 AUDIO IN JACK

- Connect the external device using a 3.5mm cable (not included).

19

- Connect USB storage devices.

20 AUX OUT JACK

- Connect to external speaker using an RCA cable (not included).

21 AC IN~

22 DUST COVER

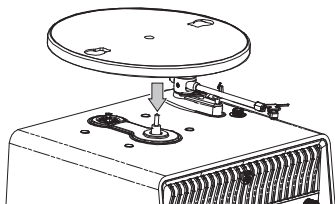
3 Get started

! Caution

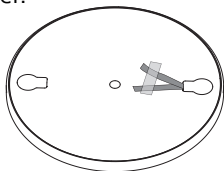
- Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.
- Always follow the instructions in this chapter in sequence.

Assemble the turntable

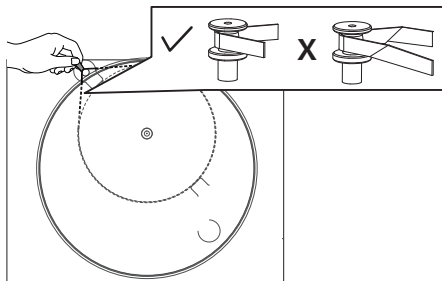
- 1 Assemble the platter on the unit.



- 2 The belt is pre-installed under the platter.

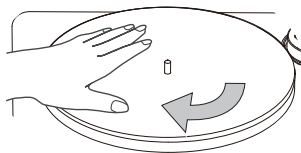


- 3 Turn the platter upside down, pull the belt over the motor pulley. Release your hand from the belt once the belt on the motor pulley.

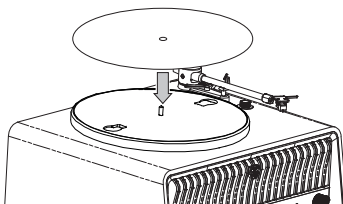


- Slowly rotate the platter about ten times by hand in the direction of the arrow. Get rid of any twists in the belt and make sure the belt rides smoothly.

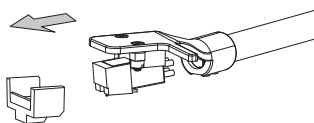
10x



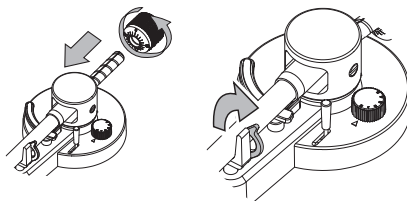
- 4 Place the slipmat on the platter.



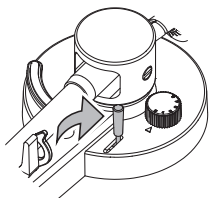
- Gently parallelly pull the stylus cover forward to remove.



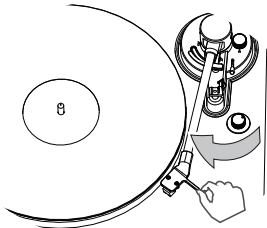
- 5 Insert the counterweight into the tone arm in the direction of the arrow. Unlock the tone arm clip.



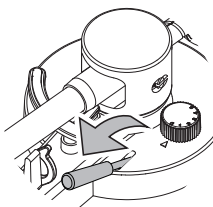
- Use the lift lever to raise the tone arm.



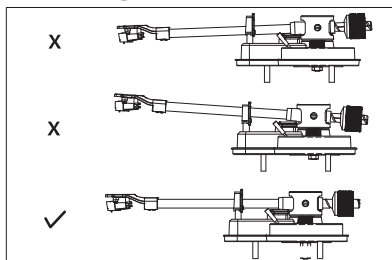
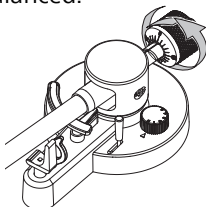
- 6 Use the finger lift to align the stylus over the record.



- Use the lift lever to lower the tone arm on the record to begin playing.



- 7 Turn the counterweight on the back of tone arm until the tone arm is flat and balanced.

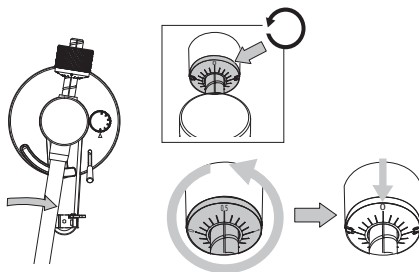


- 8 Move the tone arm back to the tone arm rest. Only turn the number ring in the direction of the arrow, until the number '0' is in the top most position.

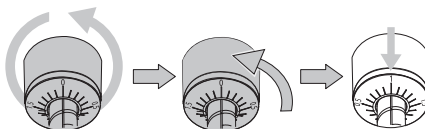
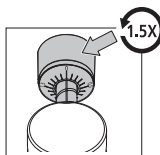


Tip

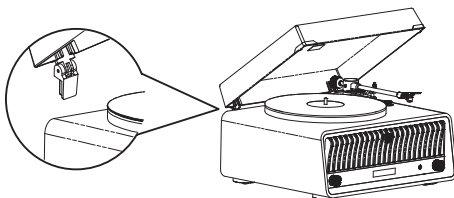
- The number ring and counterweight move separately from each other. Do not turn the counterweight in this step.



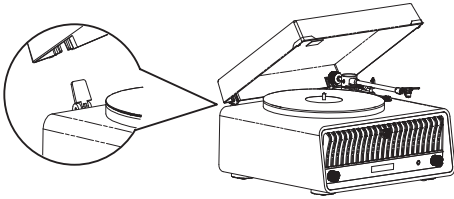
- Hold and rotate both the number ring and the counterweight in the direction of the arrow 1 1/2 rotations until the number '1' is in the top most position.



- 9 Insert the dust cover hinges into the hinge pockets at two sides of the dust cover.



Insert the hinges completely into the hinge bases located at the back



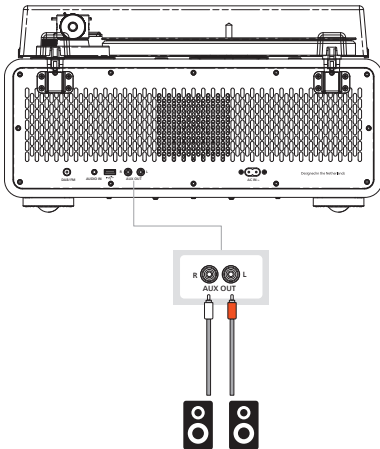
Note

To remove the dust cover, grasp the two sides of the dust cover and slowly lift upward to remove the cover together with its hinges.

Connect via the RCA audio cable

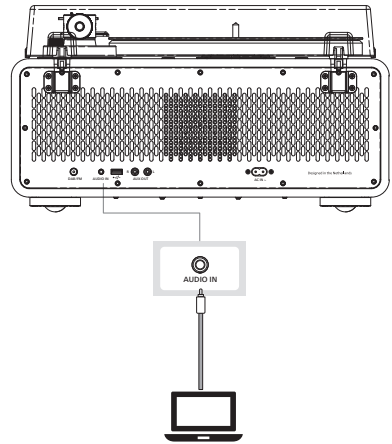
Connect the RCA cable (not included) to the external speaker.

- ↳ RED plug - Plug into the R-channel output.
- ↳ WHITE plug - Plug into the L-channel output.

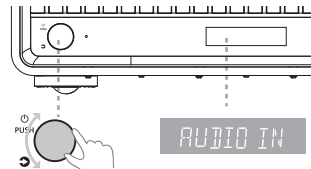


Connect via the audio in cable

- 1 Use Audio in cable (not included) connecting one end to the external device and connecting the other end of 3.5mm to the AUDIO IN jack on the back of the turntable.



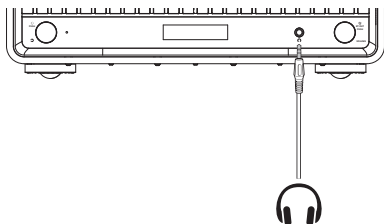
- 2 Rotate the  /  button to switch to Audio in source.



- 3 Start to play the device (see the device user manual).

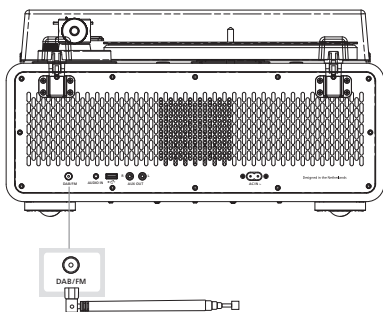
Connect the headphone

Connect the headphone/earphone (not included) through the headphone jack (6.3MM) in the front of your turntable.



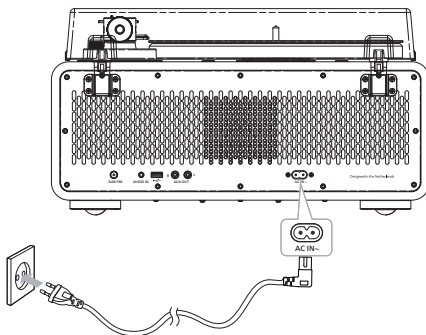
Connect the radio antenna

Connect the supplied radio antenna to this product before listening to radio.



Connect power

Connect the power adapter to the wall outlet.



! Caution

- Risk of product damage! Ensure that the power supply voltage corresponds to the voltage printed on the back or the underside of the unit.
- Risk of electric shock! Before you plug the adaptor, make sure that the plug is fixed securely. When you unplug the adaptor, always pull the plug, never pull the cord.
- Before you connect the adaptor, make sure that you have completed all the other connections.

Turn On and Off

Press the  /  button to switch the unit on

- ➔ The unit switches to the last selected source.

Press the  /  button to switch the unit off

- ➔ The unit switches to standby.

Rotate the  /  button to switch the source.

- ➔ Phono/Bluetooth /Auracast™ Receiver/DAB/FM/USB direct /Audio in.

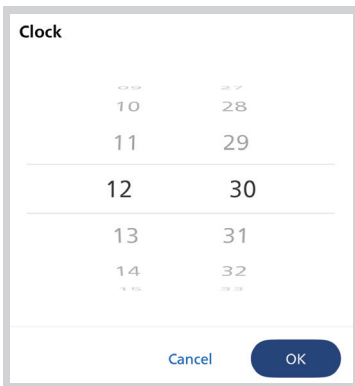
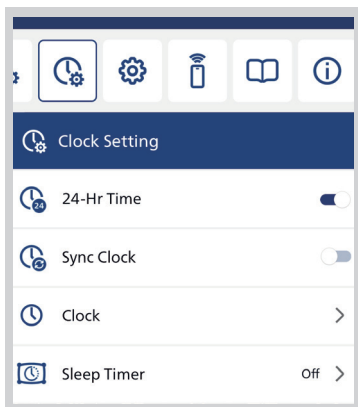
≡ Note

- The turntable switches to standby mode after 15 minutes inactive.

Set the clock

Clock setting can be set via the Philips Entertainment App.

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



- 2 After entering standby, if clock is set, rotate the **Volume** button to show clock info.

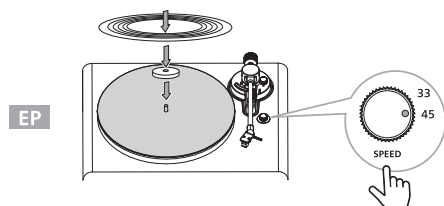
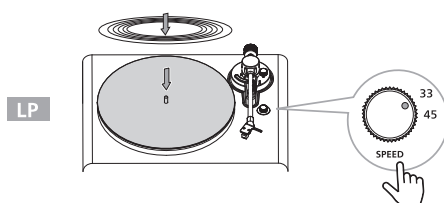
Note

- Once AC off, clock has to be set again because there is no backup battery for clock operation.

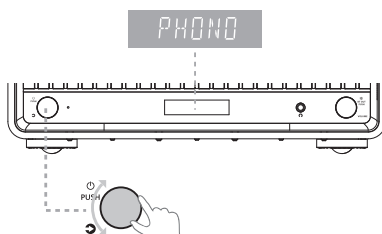
4 Play

Play from vinyl records

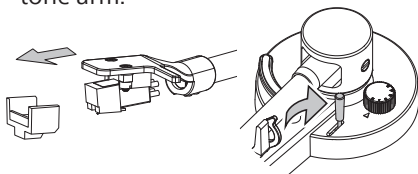
- 1 Place the unit on a flat and level surface.
- 2 Place the slipmat on the platter before placing the vinyl record.
- 3 Use the speed switch next to tone arm to adjust the speed (33-1/3, 45 RPM) to match the record.



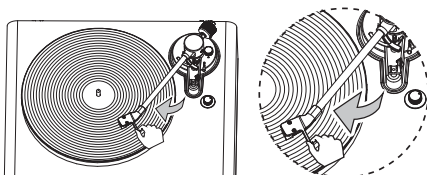
- 4 Rotate the  **PUSH** /  button to switch to Phono source.



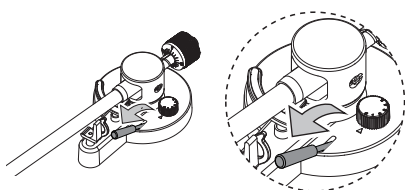
- 5 Gently parallelly pull the stylus cover forward to remove before playing. Unlock the tone arm clip, and use the lift lever to raise the tone arm.



- 6 Use the finger lift to align the stylus over the record.

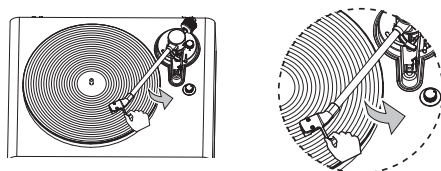
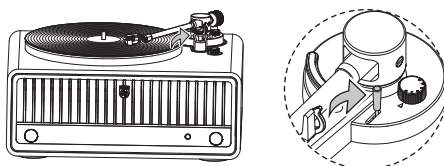


- 7 Use the lift lever to lower the tone arm on the record to begin playing.

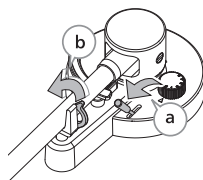


Stop playing vinyl records

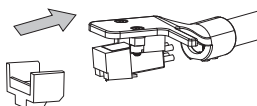
- 1 Use the lift lever to raise the tone arm, and use the finger lift to move the tone arm back on the tone arm rest.



- 2 Lower the lift lever, and lock the tone arm clip to fix it.



- 3 Install the stylus cover to protect the stylus tip.



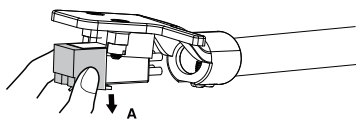
! Caution

- Do not bend or force the stylus into the cartridge.
- Do not touch the stylus tip to avoid injury to your hand.
- Turn off the unit's power before you replace the stylus.

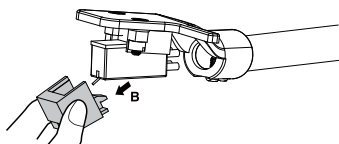
Replace the stylus

Removing the stylus from the tone arm:

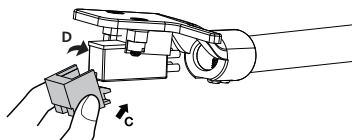
- 1 Place your fingers at the tip of the stylus and push down to the direction 'A'.



- 2 Pull the stylus out toward the direction 'B'.

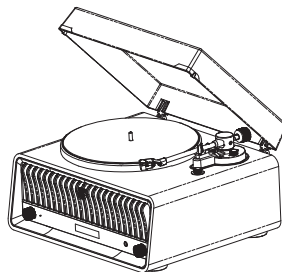


- 3 Hold the tip of the stylus and insert the other edge by pressing toward direction 'C', and push the stylus up toward direction 'D' until it locks at the tip.
Stylus model: AT3600 (not included).

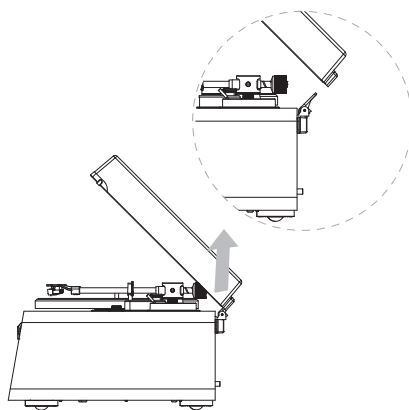


Remove the dust cover

- 1 Open the dust cover.

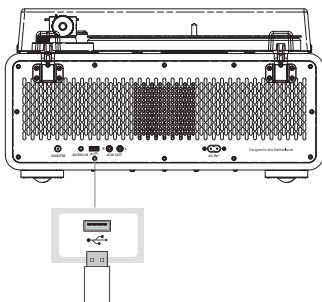


- 2 Lift up the dust cover from the hinge base.

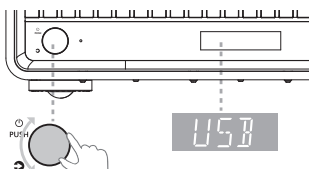


Play from USB

- 1 Insert a USB device into the  socket.

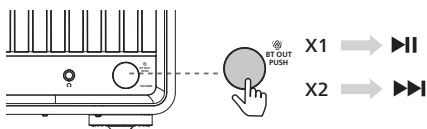


- 2 Rotate the  button to switch to USB device source.



- 3 Press the **VOLUME** button on the product to play/pause the track.

Press the **VOLUME** button on the product twice to go to the next track.



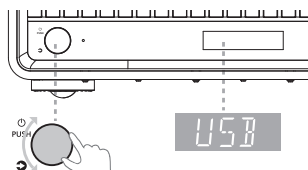
Note

- Make sure that the USB device contains playable audio content.

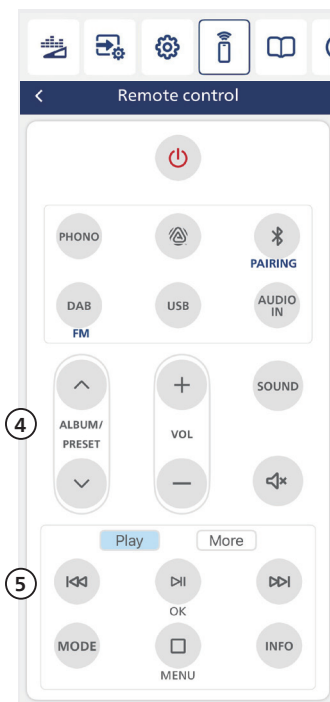
Skip tracks

For USB:

- 1 Rotate the  button to switch to USB device source.



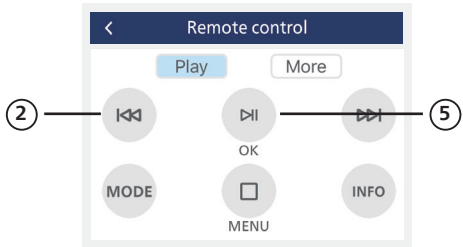
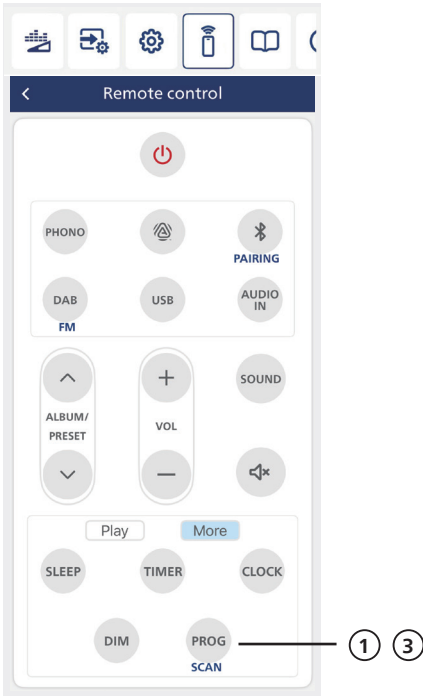
- 2 When playing via USB, the led displays the currently playing track.
↳ **[T01 0001]** is displayed.
- 3 Launch the Philips Entertainment App on your mobile device.
- 4 Press **ALBUM**  / **ALBUM**  on the Virtual Remote Control (VRC) in the App to select an album or a folder.
- 5 Press  /  to select a track or a file.



Program tracks

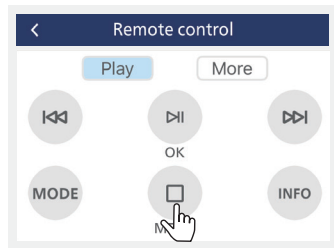
This function allows you to program 20 tracks in the desired sequence.

- 1 In stop mode, press **PROG/SCAN** on the Virtual Remote Control (VRC) in Philips Entertainment App to activate the program mode.
↳ **[P01]** is displayed.
- 2 Press **⏮** / **⏭** to select a track.
- 3 Press **PROG/SCAN** to confirm.
- 4 Repeat steps 2 to 3 to program more tracks.
- 5 Press **▶||** to play the programmed tracks.



To erase the program

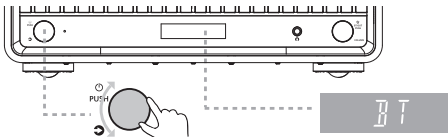
Press **■** twice to clear the program.



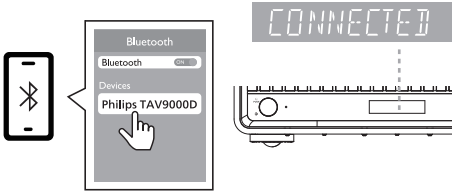
5 Listen to Bluetooth® music

Connect Bluetooth®

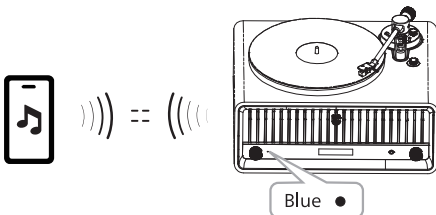
- 1 Rotate the **PUSH** /  button to switch to Bluetooth source.



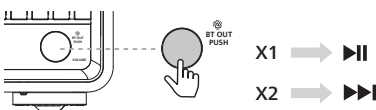
- 2 Select [**Philips TAV9000D**] on your Bluetooth enabled device.



- 3 After successfully pairing and connection, the Bluetooth indicator turns solid blue, the led will display [CONNECTED]. You will hear the prompt sound from the unit.

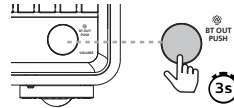


- 4 Play the audio from your device.
 - Press the **VOLUME** button on the product to play/pause the track.
 - Press the **VOLUME** button on the product twice to go to next track.

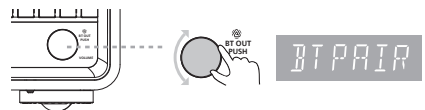


Disconnect Bluetooth®

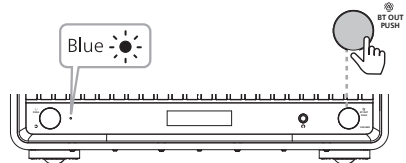
- 1 Deactivate Bluetooth on your device.
- 2 Press the **VOLUME** button on the product for 3 seconds to enter the menu.



- 3 Rotate the **VOLUME** button to select pairing mode, the LED displays [BT PAIR].

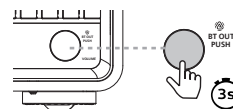


- 4 Press the **VOLUME** button on the device again to disconnect Bluetooth.
 - ↳ LED blinks blue.

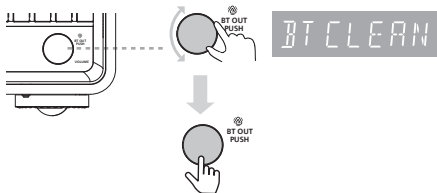


Clear Bluetooth® pairing records

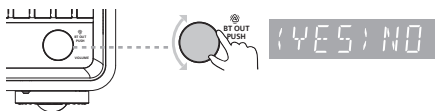
- 1 Press the **VOLUME** button on the product for 3 seconds to enter the menu.



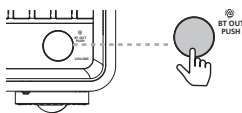
- 2 Rotate the **VOLUME** button to select [BT CLEAN] and press the **VOLUME** button to confirm.



- 3 Rotate the **VOLUME** button to select <YES>NO.



- 4 Press the **VOLUME** button to clear the Bluetooth pairing records.



Note

- Compatibility with all Bluetooth devices is not guaranteed.
- Any obstacle between the unit and the device can reduce the operational range.
- The effective operation range between this unit and your Bluetooth enabled device is approximately 10 meters (free space).

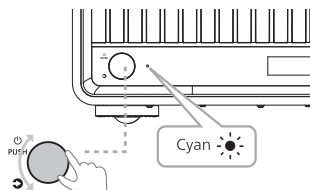
6 Auracast™ operation

You can broadcast your music to this turntable or any other Auracast™ compatible products.

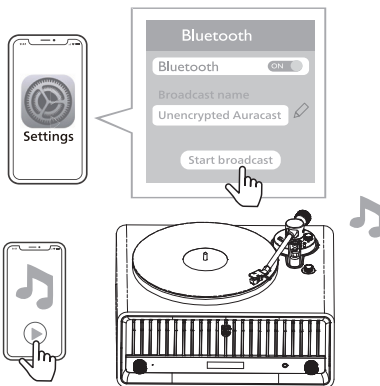
Auracast™ receiver

- 1 Rotate the **PUSH** / **BT** button on the turntable or select **Source Control** on Philips Entertainment App ( /Auracast™ receiver) to switch to Auracast™ receiver source.

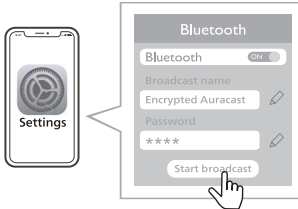
↳ LED blinks cyan and you will hear the prompt sound from the unit.



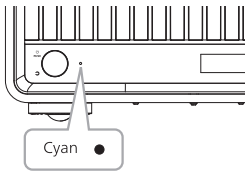
- 2 If the turntable is switched on to Auracast™ receiver mode for the first time or the station list is empty, the turntable will automatically start scanning, then the unencrypted broadcast with the strongest signal is broadcast automatically.



- 3 If you want to receive encrypted broadcasts on your Auracast™ broadcast device, follow the instructions for your Auracast™ broadcast device and enter the password for your Auracast™ broadcast device.



- 4 After successful connection, the LED turns to solid cyan.



- 5 Follow the Auracast™ connection on any additional Auracast™ compatible products you want to include. Short press the  button on your turntable to select an Auracast™ broadcast channel.
 - Only unencrypted broadcast is selected and encrypted broadcast is skipped.

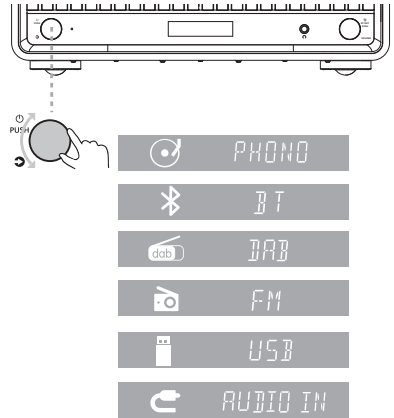
- 6 Press the  button on your turntable for 3 seconds to rescan the Auracast™ broadcasts.

Disconnect Auracast™ receiver

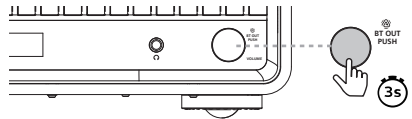
- Switch your turntable to another source.
- Deactivate Auracast™ broadcast on your mobile device, dongle or product.

Auracast™ broadcast

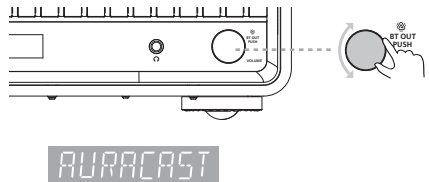
- 1 Press the  **PUSH** /  button to switch to Phono/Bluetooth/DAB/FM/USB direct /Audio in source.



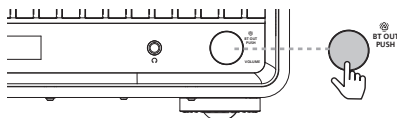
- 2 In Phono/Bluetooth/Audio in source, press and hold the  button on your turntable for 3 seconds to enter the menu.



- 3 Rotate the  button on your turntable to select [AURACAST].

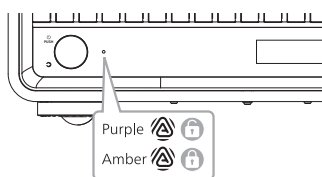


- 4 Press the  button on your turntable to enter into Auracast™ broadcast or select **Source Control** on Philips Entertainment App (/Auracast™ broadcast) to enter Auracast™ broadcast.



- 5 On Philips Entertainment App, enter( /General Settings), select **Public** (unencrypted broadcast) or **Personal** (encrypted broadcast) from Auracast™ broadcaster.

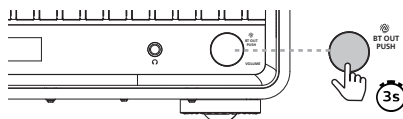
- When unencrypted broadcast is selected, LED turns solid purple and you will hear the prompt sound from your turntable.
- When encrypted broadcast is selected, LED turns solid amber and you will hear the prompt sound from your turntable.



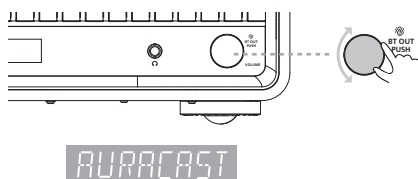
- 6 You can broadcast to any number of Auracast™ enabled products, follow the instruction to enable Auracast™ connection.
- 7 If Auracast broadcast channel is encrypted, Auracast receiver products are required to enter the password in order to listen to it.

Disconnect Auracast™ broadcast

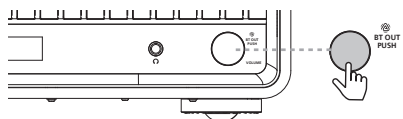
- 1 Press and hold the  button on your turntable for 3 seconds to enter the menu.



- 2 Rotate the  button on your turntable to select [AURACAST].



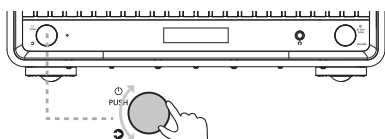
- 3 Press the  button to exit Auracast™ broadcast from your turntable.



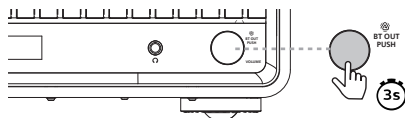
7 Bluetooth-Out operation (BT-Out)

Connect to Bluetooth enabled device

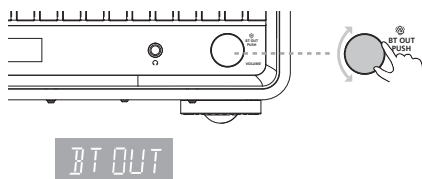
- 1 Rotate the  **PUSH** button to switch to Phono/USB direct/DAB/FM/Audio in source.



- 2 In Phono/USB direct/DAB/FM/Audio in source, press the **BT OUT** button on the unit for 3 seconds to enter the menu.

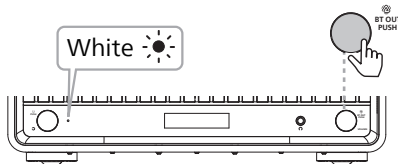


- 3 Rotate the **BT OUT** button to select [BT OUT]



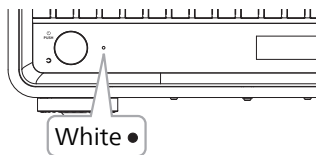
- 4 Press the **BT OUT** button to connect to Bluetooth enabled device.

→ LED blinks white.



- 5 Ensure your Bluetooth enabled device is in pairing mode.
- 6 The turntable starts to scan and pair to the nearest Bluetooth enabled device or device with the strongest signal automatically.
- 7 Once connected, you will hear the prompt sound from the turntable.

→ LED turns solid white.

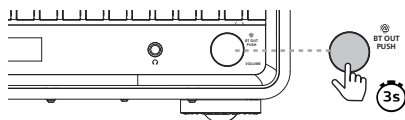


Note

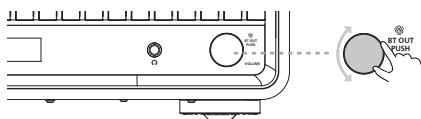
- If the pairing fails, press **BT OUT** button again to perform the scanning of Bluetooth enabled devices.

Disconnect BT-OUT

- 1 Long press the **BT OUT** button on the unit for 3 seconds to enter the menu.

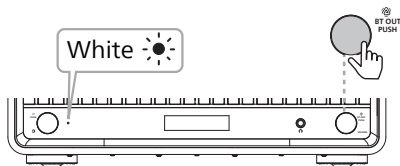


- 2 Rotate the **BT OUT** button to select [BT OUT].



BT OUT

- 3 Press the **BT OUT** button to disconnect Bluetooth out.
↳ LED blinks white.



8 Listen to DAB+ radio

With this product, you can listen to DAB + radio.

Digital Audio Broadcasting+ (DAB+) is a way of broadcasting radio digitally through a network of transmitters. It provides you with more choice, better sound quality and more information.

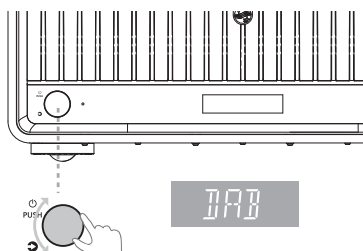
Store DAB+ radio stations automatically



Note

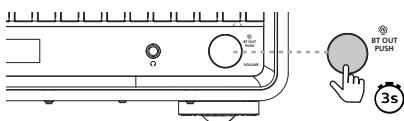
- New stations and services are added in DAB+ broadcast from time to time. To make new DAB+ stations and services available, perform scan regularly.
- You can store a maximum of 30 DAB radio stations.

- 1 Rotate the   button or press **DAB** button on the Virtual Remote Control (VRC) in Philips Entertainment App to select DAB+ source.

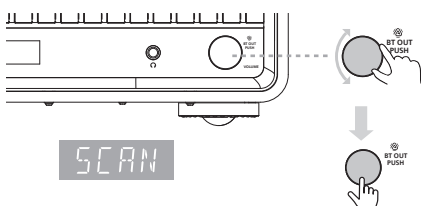


- If you enter DAB+ source for the first time or if the station list is empty, the radio performs a full scan automatically.

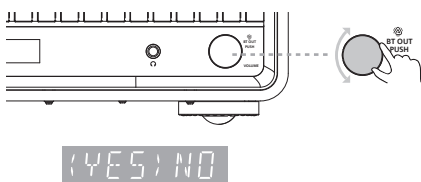
- 2 Long press the **VOLUME** button to enter the menu.



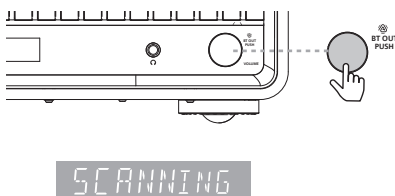
- 3 Rotate the **VOLUME** button to select [SCAN] and press the **BT OUT** button to confirm.



- 4 Rotate the **VOLUME** button to select <YES>NO.



- 5 Press the **VOLUME** button to enter automatic station search. The led will display [SCANNING].



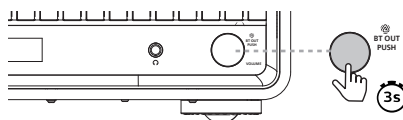
- The radio scans and stores all the DAB+ radio stations automatically, and then broadcasts the first available station. Or press and hold **PROG/SCAN** (App VRC) for more than 5 seconds. The product scans and stores all DAB+ radio stations automatically. After scanning, the first available station is broadcast.

Select a DAB+ radio station

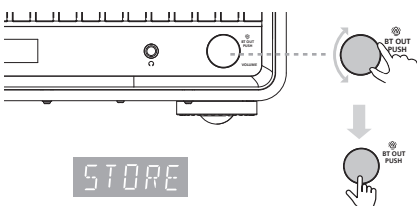
After DAB+ radio stations are scanned and stored, press **◀◀ / ▶▶** (App VRC) to select a DAB+ station.

Store DAB+ radio stations manually

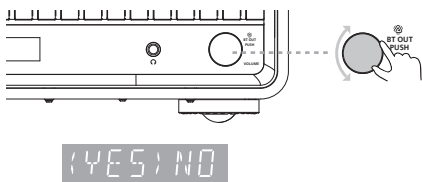
- 1 Long press the **VOLUME** button to enter the menu.



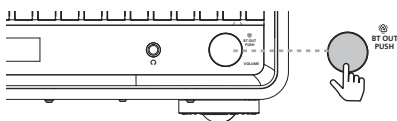
- 2 Rotate the **VOLUME** button to select [STORE] and press the **VOLUME** button again to confirm.



- 3 Rotate the **VOLUME** button to select <YES> NO.



- 4 Press the **VOLUME** button to confirm the storage.
↳ LED displays [**P01 STORED**].



- Press **PROG/SCAN** (App VRC) enter preset setting, Press **PROG/SCAN** (App VRC) again or press **▶||** (App VRC) to save listened station to current slot.
- Repeat this step to program more stations.

Display DAB+ information

While listening to DAB+ radio, press **INFO** (App VRC) repeatedly to display various information (if available), such as frequency, signal strength, time, etc.

Use DAB+ menu

- 1 In DAB+ mode, long press the **VOLUME** button or press **MENU** (App VRC) to access DAB+ menu.
- 2 Rotate the **VOLUME** button or press **PRESET ▲/PRESET ▼** (App VRC) to toggle the menu options.
 - PRESET
 - TUNING
 - STORE
 - SCAN
 - AURACAST
 - BT OUT
 - MANUAL
 - PRUNE
 - DRC
- 3 To enter preset setting, press the **VOLUME** button or press **OK** (App VRC).
 - If no preset, it will exit menu.
- 4 Rotate the **VOLUME** button or press **PREV/NEXT** (App VRC) to tune to previous/next preset.
- 5 Press the **VOLUME** button or press **OK** (App VRC) to select the preset and exit menu.

9 Listen to FM radio

With this product, you can listen to FM radio.

Note

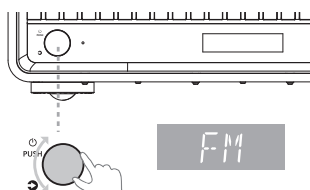
- Position the FM antenna as far as possible from TV, or other radiation source.
- For optimal reception, fully extend and adjust the position of the FM antenna.

Store FM radio stations automatically

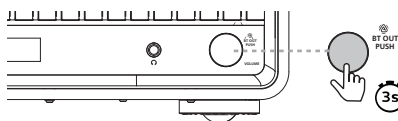
Note

- You can store a maximum of 30 FM radio stations.

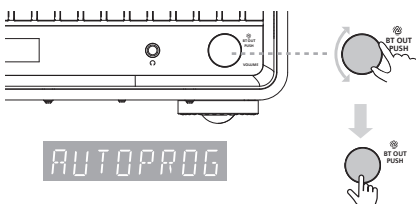
- 1 Rotate the   button or press **FM** button (App VRC) to select FM source.



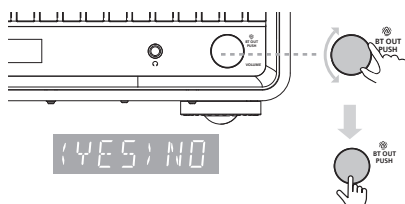
- 2 Long press the **VOLUME** button to enter the menu.



- 3 Rotate the **VOLUME** button to select [AUTOPROG] and press the VOLUME button to confirm.



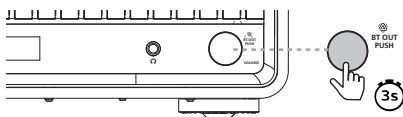
- 4 Rotate the **VOLUME** button to select <YES>NO, press the **VOLUME** button to enter automatic station search.



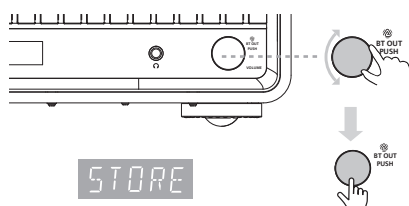
- The current frequency will be displayed during the scanning process, such as "87.5". The program number will be displayed for 1 second when a station is found. Then the scanning continues.
- The first programmed radio station is broadcast automatically.

Store FM radio stations manually

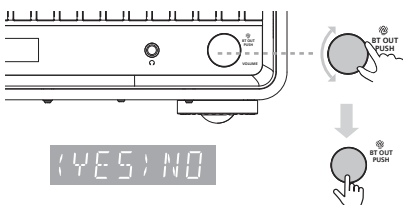
- 1 Long press the **VOLUME** button to enter the menu.



- 2 Rotate the **VOLUME** button to select [STORE] and press **VOLUME** button to confirm.



- 3 Rotate the **VOLUME** button to select <YES>NO, press the **VOLUME** button to confirm the storage.
↳ LED displays [P01 STORED].



- Press **PROG/SCAN** (App VRC) enter preset setting, Press **PROG/SCAN** (App VRC) again or press **►II** (App VRC) to save listened station to current slot.
- Repeat this step to program more stations.



Note

- All of the above operations can be exited from the menu by long press the **VOLUME** button, and the normal station information display will be restored after exiting.

Tune to an FM radio station

- 1 Rotate the **PUSH** / **BT OUT** button or press **FM** button (App VRC) to select FM source.
- 2 Press and hold **◀◀ / ▶▶** (App VRC) for more than two seconds.
 - The radio tunes to a station with strong reception automatically.
- 3 Repeat step 2 to tune to more stations.

Select a preset FM radio station

In FM mode, press **PRESET ▲ / PRESET ▼** (App VRC) to select a preset number.

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

Use FM menu

- 1 In FM mode, long press the **VOLUME** button to access FM menu.
- 2 Rotate the **VOLUME** button to toggle the menu options.
 - PRESET
 - TUNING
 - STORE
 - AUTOPROG
 - AURACAST
 - BT OUT
- 3 To enter preset setting , press the **VOLUME** button.
 - If no preset, it will exit menu.
- 4 Rotate the **VOLUME** button to tune to previous/next preset.
- 5 Press the **VOLUME** button to select the preset and exit menu .

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** (App VRC) repeatedly to display various RDS information (if available), such as station name, program type, time, etc.

10 Other features

Factory reset

Reset device to default setting.

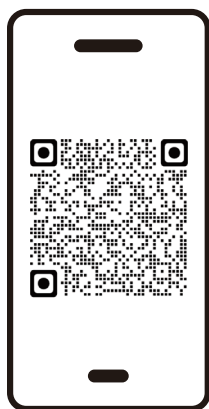
When the device is powered on, press and hold **VOLUME** button for 5 seconds in **AUDIO IN** source at **VOLUME 2**.

The device is restored to factory defaults.

11 Philips Entertainment App

App download

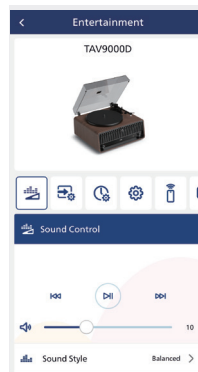
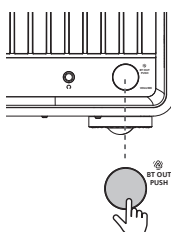
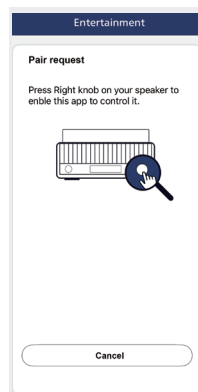
Scan the QR code and press “Download” button, or search “Philips Entertainment” in the Apple App Store or Google Play to download the app.



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 turntable



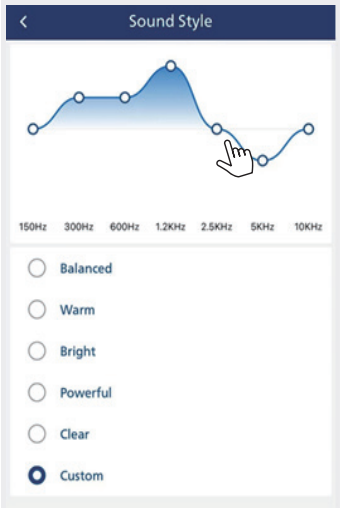
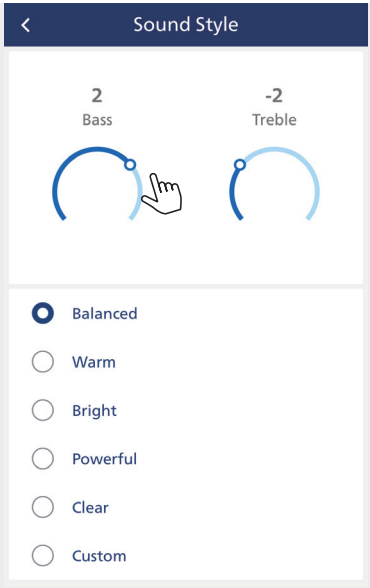
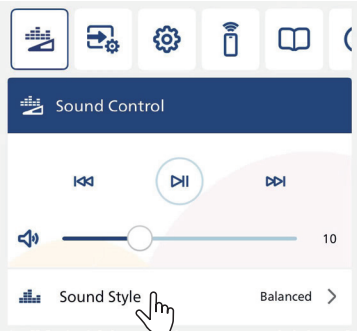
- 1 Launch the Philips Entertainment App on your mobile device.
- 2 Make sure Bluetooth is enabled on your mobile device.
- 3 If you connect the Philips Entertainment App with your turntable for the first time, you are asked to pair the App with your turntable.
- 4 Press the **VOLUME** button on your turntable to enable the App to discover and control it.

Choose your sound

You can choose the ideal sound for your music.

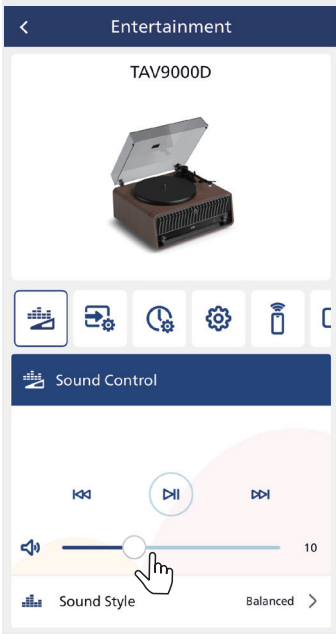
Select Equalizer (EQ) Effect

Press  icon on the App to select predefined sound modes to suit your music: **Balanced/Warm/Bright/Powerful/Clear**.



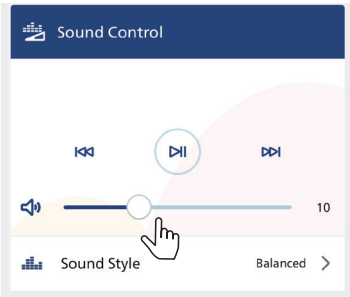
Adjust volume level

- Slide the volume bar to adjust the volume level.



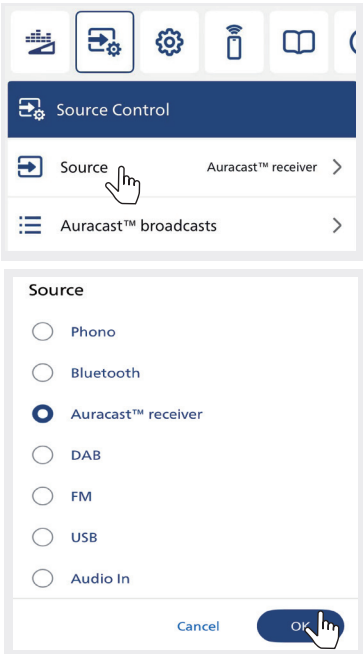
Mute sound

- Press once the  icon to mute or unmute the sound.



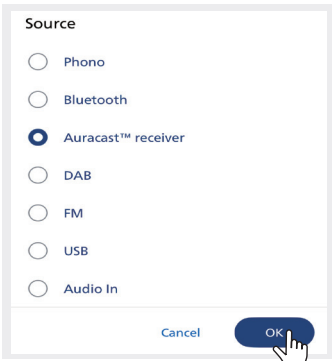
Select source

Press  icon on the App to select **Phono/Bluetooth/Auracast™ receiver/DAB/FM/USB/Audio in.**

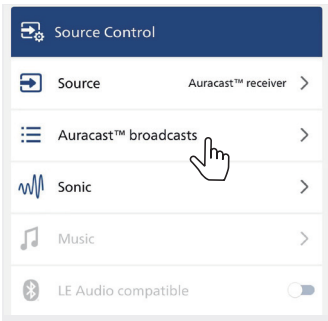


Receive unencrypted Auracast™ broadcast

- Select Auracast™ receiver source.

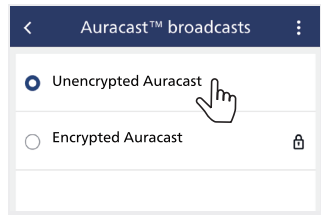


- Press **[Auracast™ broadcasts]** to enter Auracast™ broadcast list.



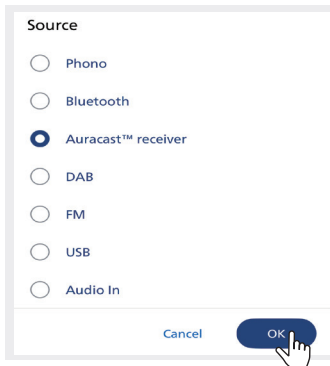
- When an **unencrypted** playback source from mobile phone or dongle is selected, the turntable will search and connect to it.

➔ Make sure to activate Auracast™ broadcast on your mobile phone, dongle or product.

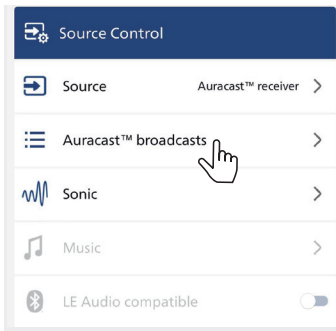


Receive encrypted Auracast™ broadcast

- 1 Select Auracast™ receiver source.

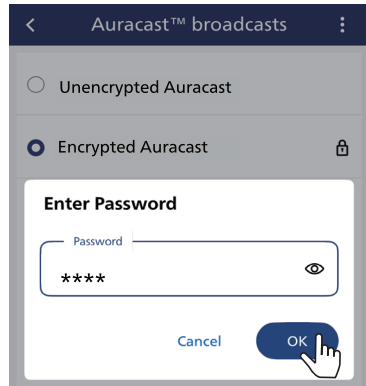


- 2 Press [Auracast™ broadcasts] to enter Auracast™ broadcast list.



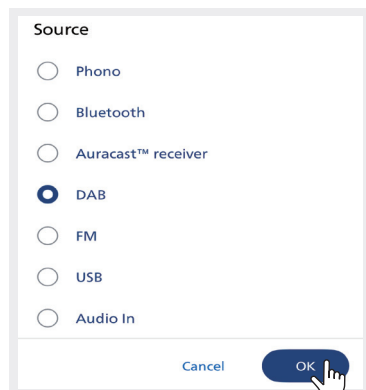
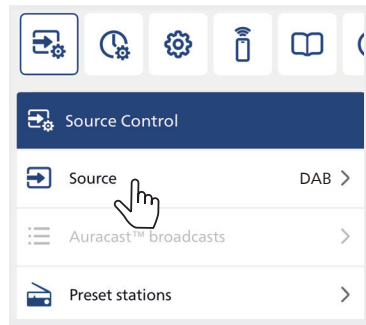
- 3 When an **encrypted** playback source from mobile phone, dongle or product is selected, you will be asked to input a password. Enter the same password that you input when setting up Auracast™ broadcast from your mobile phone, dongle or product.

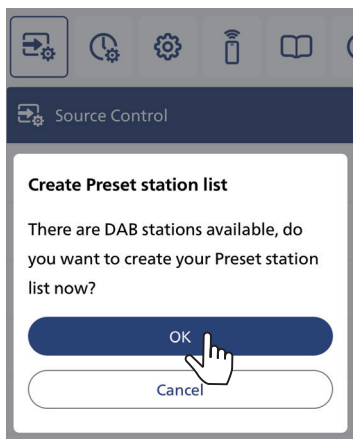
↳ Make sure to activate Auracast™ broadcast on your mobile phone, dongle or product.



Select DAB radio

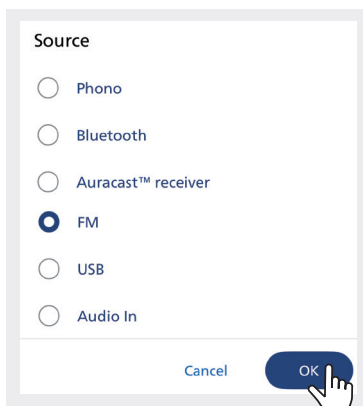
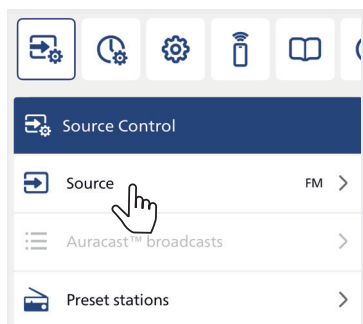
Press  icon on the App to select DAB source.



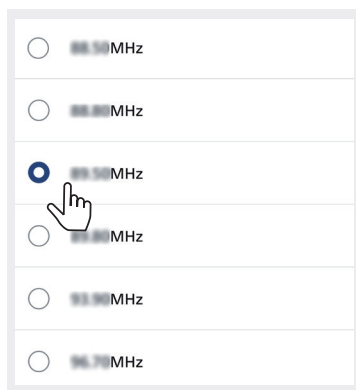
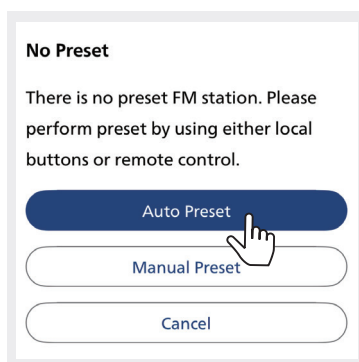
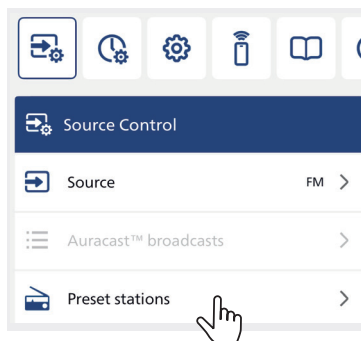


Select FM radio

- 1 Press  icon on the App to select **FM source**.

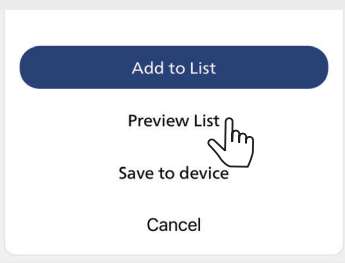
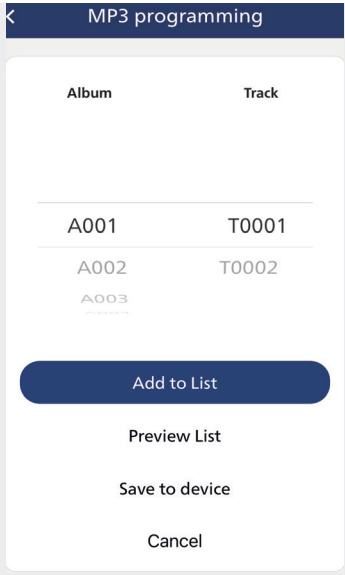
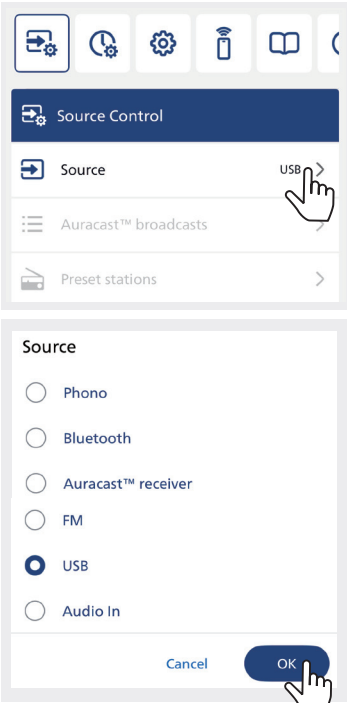


- 2 Enable **[Auto Preset]** and start to perform preset.



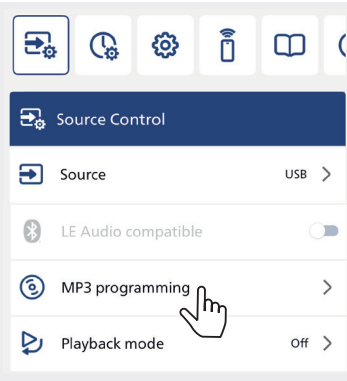
Select USB direct

Press  icon on the App to select [USB] to enter USB direct.



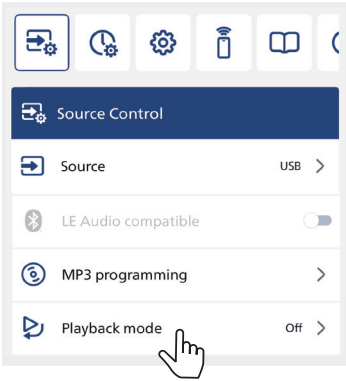
Select MP3 programming

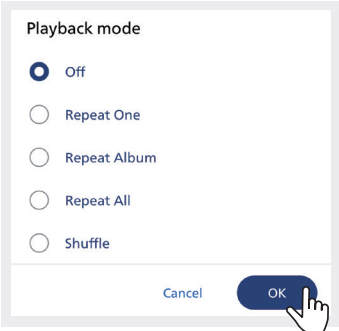
Select [MP3 programming] to enter MP3 programming setting.



Select Playback mode

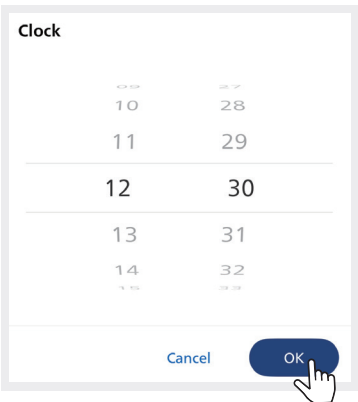
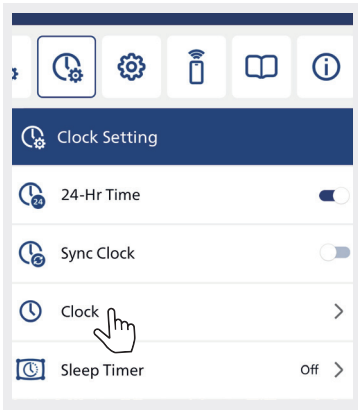
Select [Playback mode] to enter Playback mode setting.





Clock Setting

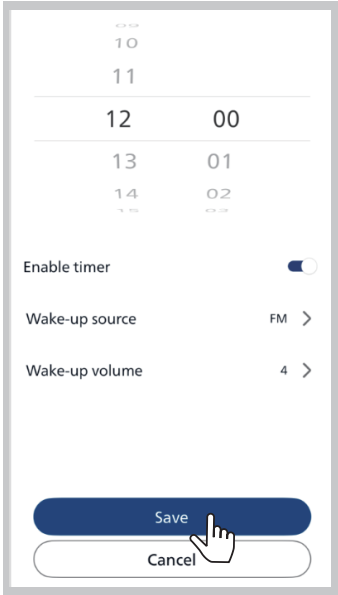
Press  icon on the App to select **Clock**.



Set the alarm timer

Alarm timer setting can be set via the App.

- Press  icon on the app to select [TIMER] to enter timer setting.



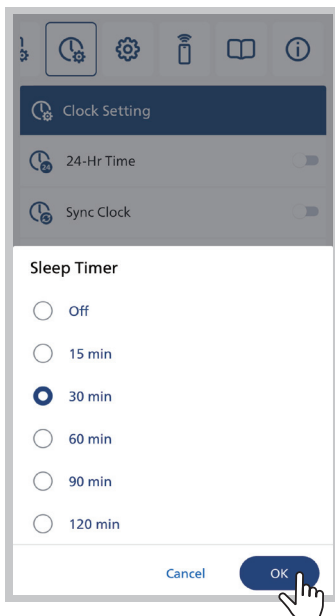
Note

- Timer will only support waking up to DAB, FM and USB.
- When USB is not detected, timer wake up will default to DAB.
- Once AC off, timer will be set to Off because there is no backup battery for clock operation. However, last timer setting should be persistent.

Set the sleep timer

Sleep timer setting can be set via the App.

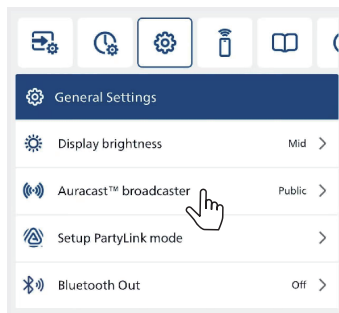
- Press  icon on the app to enter sleep timer setting list and toggle sleep time in minutes.
 - 120/90/60/30/15/OFF is displayed.



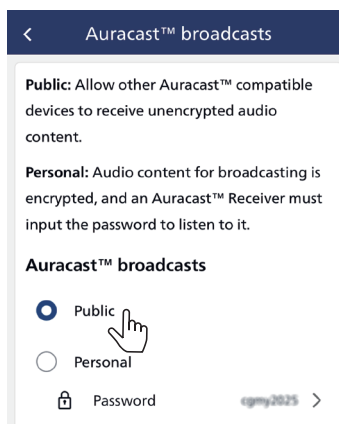
- When sleep mode is activated, pressing **SLEEP** on the app remote will display the remaining sleep time. The SLEEP icon will light up when sleep mode is on.
- When it reaches the sleep time, volume decreases from current level to minimum gradually within 1 minute, then go to standby.

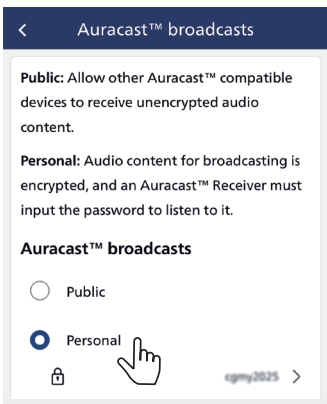
Select Auracast™ broadcast

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



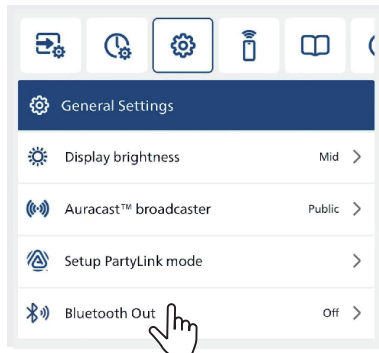
- Select **Public** or **Personal** broadcasts.



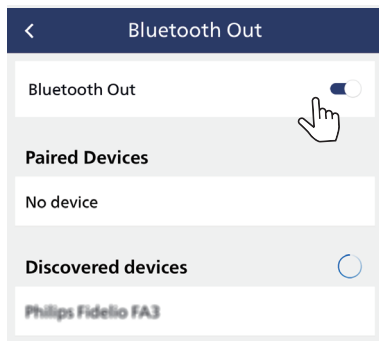


Select Bluetooth Out (BT Out)

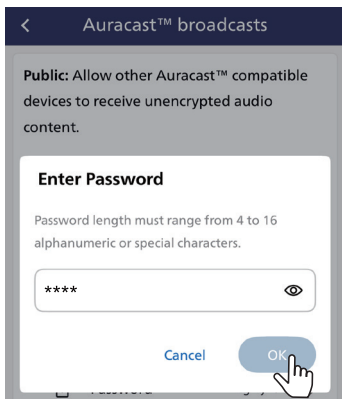
- 1 Press  icon on the App to enter General Settings list.



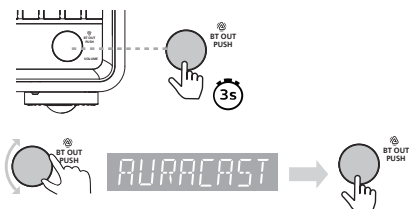
- 2 Enable [Bluetooth Out] and start to scan.



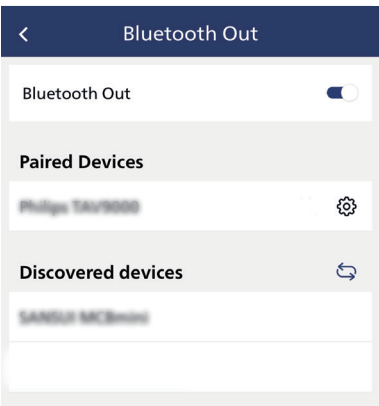
- 3 Enter password when **Personal** (encrypted broadcast) is selected.



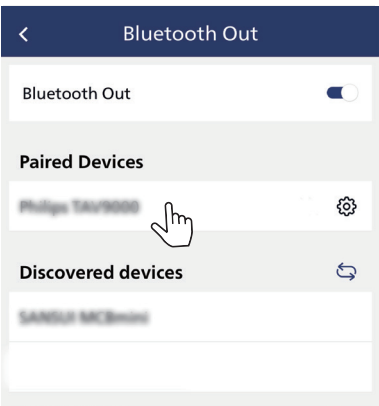
- 4 Press and hold the  button on your turntable for 3 seconds to enter the menu, then rotate the  button to select [AURACAST] and press the  button to enter Auracast™ pairing mode.



- 3 Devices that are paired previously will be shown in Paired Devices and devices not paired will be shown in Discovered Devices.

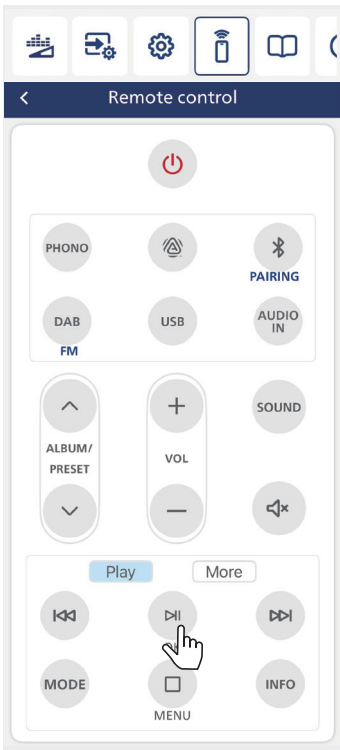


- 4 Select the device to connect Bluetooth Out.



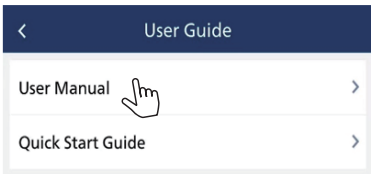
Remote control

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



User guide

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

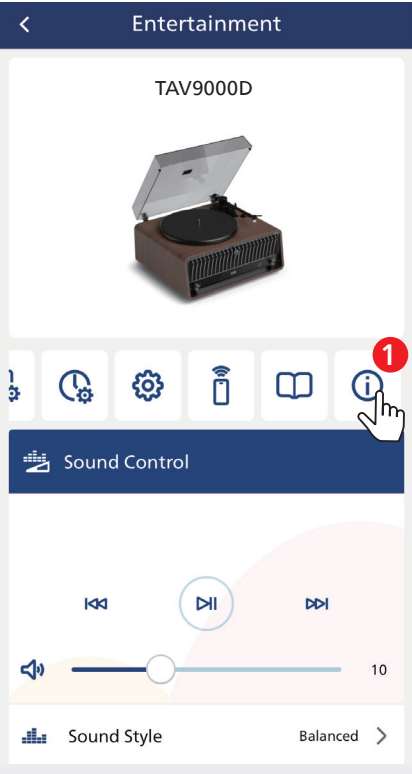


Firmware Upgrade

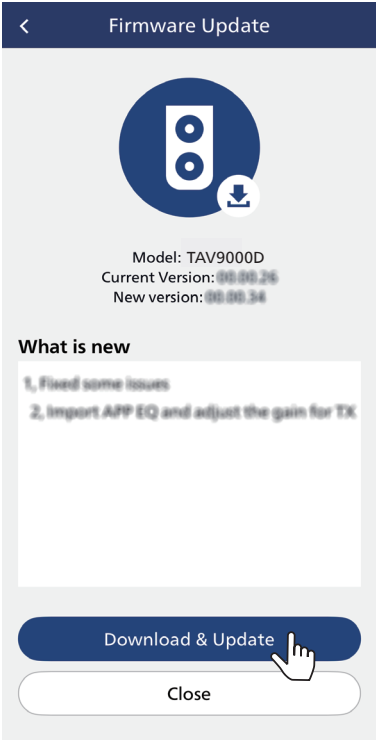
To get the best features and support, update your unit with the latest firmware version.

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 unit.



12 Product specifications



Note

- Product information is subject to change without prior notice.

General information

Power supply	100-240V~ 50/60Hz
Power consumption	30W
ECO power consumption	<0.5W
USB port	5.0V $\overline{\text{DC}}$ 0.5A
Dimensions (W x H x D)	448 x 245 x 399 mm
Weight (Main unit)	11.0 Kg
Operating temperature	0-40°C

Amplifier

Total output power	120 W (RMS)
Frequency response	60Hz-20KHz
Signal to noise ratio	>70 db
Total harmonic distortion	≤10%

Speaker

Tweeter	2 x 1" silk dome 8Ω
Mid-range speaker	2 x 3" 8Ω
Woofer	1 x 4.5" 4Ω

Bluetooth®

Bluetooth® version	V5.4
Bluetooth® profiles	SBC, AAC, A2DP
Bluetooth® frequency band	2402-2480 MHz
Maximum transition power	≤9 dBm
Bluetooth® range	approx.10m

Turntable

Turntable speeds	33-1/3 RPM, 45 RPM
Stylus model	AT3600LA

Tuner

Tuning range (FM)	87.5 - 108 MHz
Tuning range (DAB)	174 - 240 MHz (Band III)
Preset stations (FM)	30
Preset stations (DAB)	30

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	12~48 kHz	16,24 kbps
.wma	WMA	16~48 kHz	48~192 kbps
.flac	FLAC	8~48 kHz	376~900kbit

Compatible USB devices

USB flash memory	USB2.0
USB flash players	USB2.0

Supported USB formats

USB or memory file format	FAT12/FAT16/FAT32
Support audio format	MP3/WAV/FLAC/WMA
Support	≤128G, USB2.0
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)	16,24 kbps
FLAC bit rate (data rate)	376~900kbit
Directory nesting	up to a maximum of 8 levels
Number of albums/folders	maximum 99
Number of tracks/titles	maximum 999

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.

13 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

- Check if power adaptor of the unit is connected improperly.
- Check if there is power at the AC outlet.

No sound

- Check the volume.
- Check if the source is selected properly.
- Check if connecting cable is connected properly.

No response from the unit

- Disconnect and reconnect the power adaptor, 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.

Record sounds too fast or too slow

- Check if the speed is selected properly to match the vinyl record.

Decline in turntable audio performance

- Check if the turntable stylus is worn out. Replace the stylus.

Turntable is spinning, but no sound

- Check the volume.
- Check if the source is switched to the Phono properly.
- Check if the stylus cover is removed properly.
- Check if the tone arm lift lever is already pushed down to make it fall on the record.

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 device cannot be connected with this unit.

- Check if the device does not support the profiles required for this unit.
- Check if Bluetooth function of the device is not enabled. Refer to the user manual of the device to find out how to enable the function.
- Check if this unit is not in pairing mode.
- Check if 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.

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

- The device cannot be used to play music through this unit wirelessly.
- For some devices, the Bluetooth connection may be deactivated automatically as a power-saving feature. This does not indicate any malfunction of this unit.

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.
- Connect an outdoor radio antenna.

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 the **VOLUME** button on the product to toggle clock display on or off.



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