

PHILIPS

Turntable

TAV3000B



User manual

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

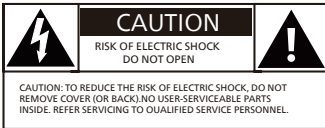
Contents

1 Important	2	9 Philips Entertainment App	14
Safety	2	App download	14
Trademarks	2	Pair the App with your turntable	14
2 Your turntable	3	Choose your sound	15
Intorduction	3	Select source	15
What's in the box	3	Receive Auracast™ broadcast	16
Overview of the main unit	4	Receive unencrypted Auracast™ broadcast	16
3 Get started	7	Select Auracast™ broadcast	17
Connect power	7	Select Bluetooth Out(BT OUT)	17
Power on	7	Remote control	18
Adjust volume level	7	User guide	18
4 Phono operate	8	Firmware upgrade	19
Play from vinyl records	8	10 Product information	20
Stop playing vinyl records	8	Specifications	20
Replace the stylus	9	11 Troubleshooting	21
Remove the dust cover	9	12 Notice	22
5 Listen to Bluetooth® music	10	Compliance	22
Connect Bluetooth®	10		
Disconnect Bluetooth®	10		
Clear Bluetooth® pairing records	10		
6 Auracast™ operate	11		
Auracast™ receiver	11		
Disconnect Auracast™ receiver	11		
Auracast™ broadcast	11		
Disconnect Auracast™ broadcast	12		
7 Bluetooth-Out operation (BT-OUT)	12		
Connect to Bluetooth enabled device	12		
Disconnect BT-OUT	12		
8 Other features	13		
Listen to an external device	13		
Headphone output	13		

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.

Note

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

- 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.

Trademarks

AURACAST

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 trade names are those of their respective owners.



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.

Bluetooth®

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.

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

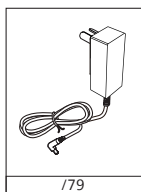
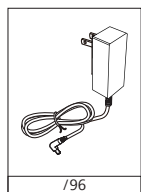
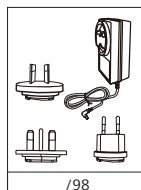
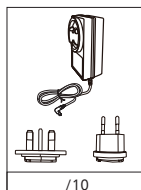
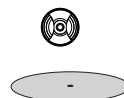
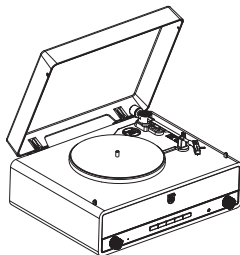
With this turntable, you can

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

What's in the box

Check and identify the contents of your package:

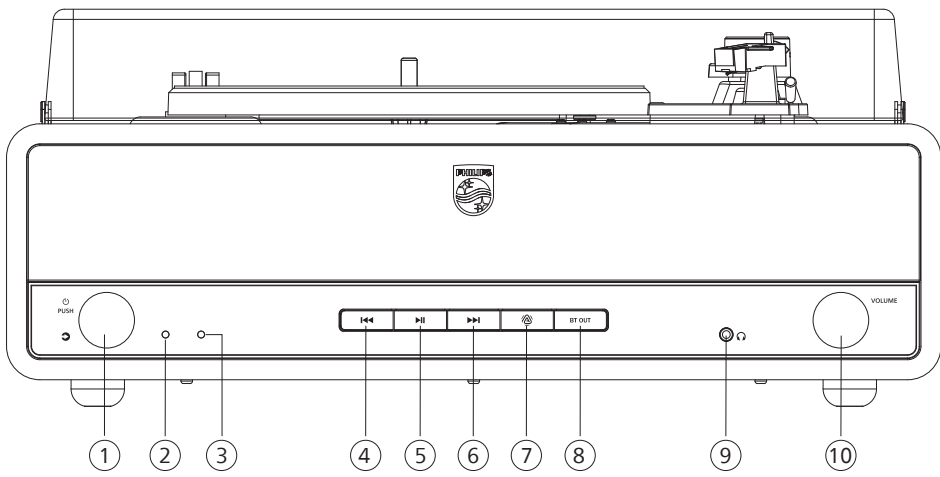
- Main unit
- Slipmat
- 45 rpm adaptor
- Power adaptor
- Quick start guide
- Safety sheet
- Warranty card



Note

- Power adaptor 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 main unit



①  **PUSH**

- Press to turn power on/off.
- Switch source (Phono/Bluetooth/Audio in).

② **LED 1 indicator**

- Source LED indicator.
- Function status (see below table).

LED 1	Status
Solid Red	Standby
Solid Blue	BT connected
Blink Blue (fast)	BT pairing
Blink Blue (slow)	BT disconnected
Solid Pink	Audio in
Solid Light Brown	Phono
Solid Cyan	Auracast™ receiver

③ **LED 2 indicator**

- Auracast™ /BT Out LED indicator.
- Function status (see below table).

LED 2	Status
Blink Cyan (slow)	Auracast™ receiver scanning
Solid Cyan	Auracast™ receiver connected
Blink Cyan (very slow)	Auracast™ receiver idle
Solid Amber	Encrypted Auracast™ broadcast
Blink Amber (fast)	Deactivated encrypted Auracast™ broadcast
Solid Purple	Unencrypted Auracast™ broadcast
Blink Purple (fast)	Deactivated unencrypted Auracast™ broadcast
Blink White (slow)	BT Out pairing
Solid White	BT Out connected
Blink White (fast)	BT Out disconnected
Blink Red	Invalid operation

④ 

- Skip to the previous track.
- Previous Auracast™ broadcast channel.

⑤ 

- Play or pause.
- Pairing mode.

⑥ 


- Skip to the next track.
- Next Auracast™ broadcast channel.

⑦ 

- In Auracast receiver mode, press to rescan Auracast™ broadcast channel.
- Press to switch to Auracast™ receiver mode.
- Press and hold for more than 3 seconds to activate / deactivate Auracast™ broadcast mode.

⑧ **BT OUT**

- Press to enable to BT Out.
- Press and hold to disable to BT Out.

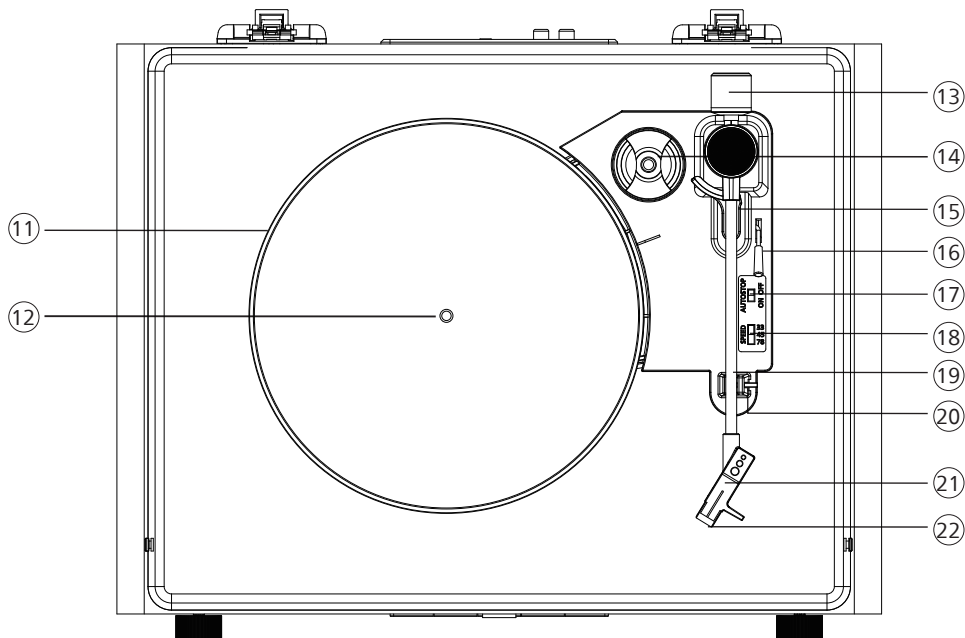
⑨ 

- Connect the headphone.

⑩ **VOLUME knob**

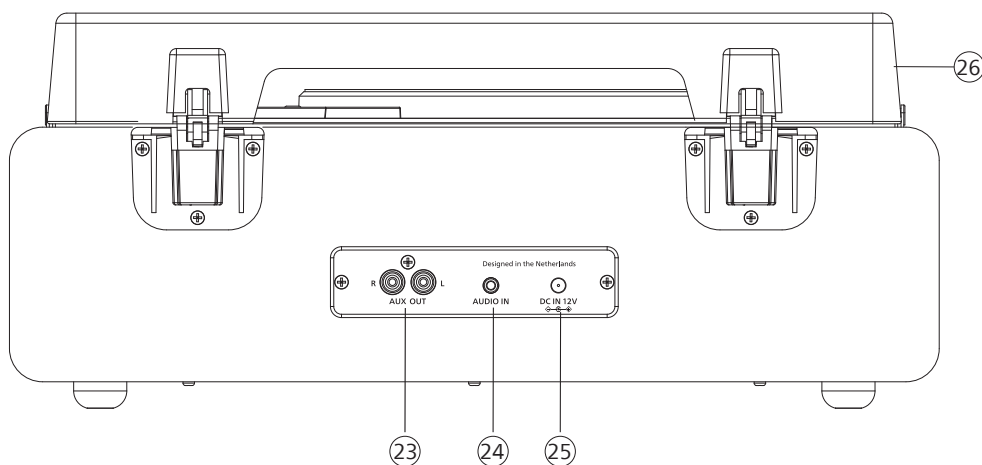
- Adjust volume level.

Overview of the main unit



- ⑪ **PLATTER**
 - The position to place a vinyl record.
- ⑫ **CENTER SPINDLE**
 - The spindle holds the turntable platter stable and centered.
- ⑬ **COUNTERWEIGHT**
 - Balance the stylus pressure.
- ⑭ **45 RPM ADAPTOR**
 - Place the adaptor over the center spindle when playing 7" vinyl records with large center holes.
- ⑮ **TONE ARM REST**
 - Use this rest to hold the tone arm during non-use.
- ⑯ **TONE ARM LIFT LEVER**
 - Used to control the tonearm to rise from/fall on a record surface without endangering the surface of the record and the stylus.
- ⑰ **AUTO STOP SLIDE**
 - Auto stop function ON/OFF.
- ⑱ **SPEED SLIDE**
 - Switch speed (33-1/3/45/78 RPM).
- ⑲ **TONE ARM**
 - Drive the stylus to slide above the record.
- ⑳ **TONE ARM CLIP**
 - Fix the tonearm for protection during non-use.
- ㉑ **HEADSHELL**
 - Connect the cartridge and the tonearm.
- ㉒ **CARTRIDGE**
 - Cartridge model: AT3600LA

Overview of the main unit



②③ RCA OUTPUT JACK

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

②④ AUDIO INPUT JACK

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

②⑤ DC IN JACK

- Connect the power adaptor.

②⑥ DUST COVER

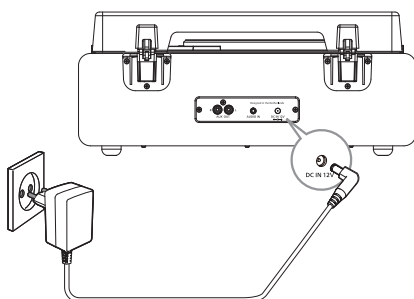
3 Get started

! 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.

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.


Power on/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 switch to standby.

Rotate the  knob to switch the source.

↳ Phono/Bluetooth /Audio in.

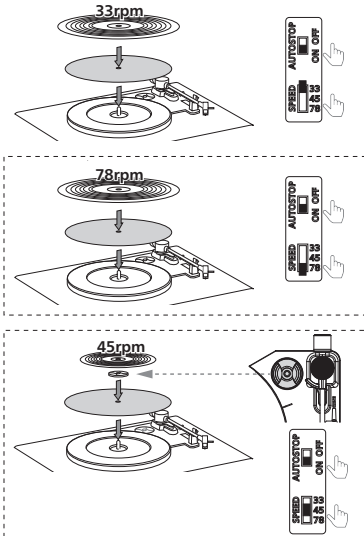
Adjust volume level

Rotate the **VOLUME** knob to adjust the volume level.

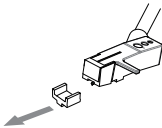
4 Phono operate


Play from vinyl records

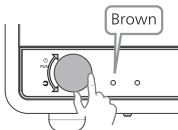
- 1 Place the unit on a flat and level surface.
- 2 Place the slipmat on the platter before placing the vinyl record.
- 3 Use the speed switch next to tone arm to adjust the speed (33-1/3, 45 & 78 RPM) to match the record.



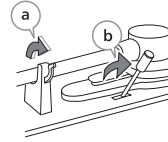
- 4 Use the auto-stop switch next to the tone arm to enable/disable the auto stop function. (45 RPM not applicable)
- 5 Gently parallelly pull the stylus cover forward to remove before playing.



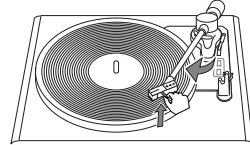
- 6 Turn the  knob to Phono source.
 ↳ LED 1 turns to solid brown.



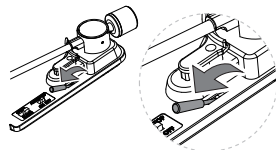
- 7 Unlock the tone arm clip, and use the lift lever to raise the tone arm.



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



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

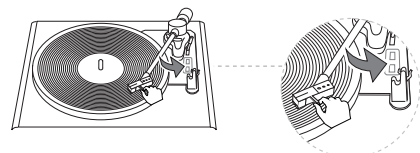
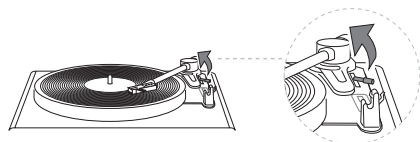


Tip

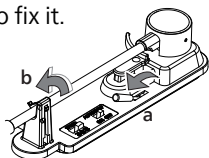
- Place the 45 RPM adaptor over the center spindle when playing 7" vinyl records with large center holes.
- Place the 45 RPM adaptor back on the adaptor rest next to the tone arm during non-use.
- It is normal to play a 78-rpm record with a rustling sound, which is caused by the characteristics of the itself.

Stop playing

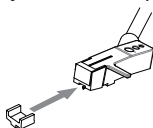
- 1 Use the lift lever to raise the tone arm, and use the finger to move the tone arm back on the tone arm rest.



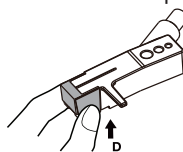
- Lower the lift lever, and lock the tone arm clip to fix it.



- Install the stylus cover to protect the stylus tip.



- Push the stylus up toward direction 'D' until it locks at the tip.



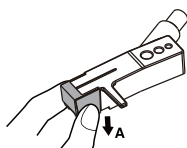
! Caution

- 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.

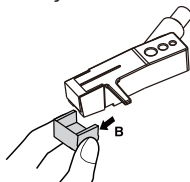
Replace the stylus

Removing the stylus from the tone arm:

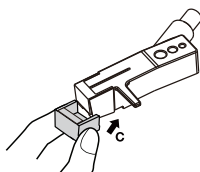
- Place your fingers at the tip of the stylus and push down to the direction 'A'.



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

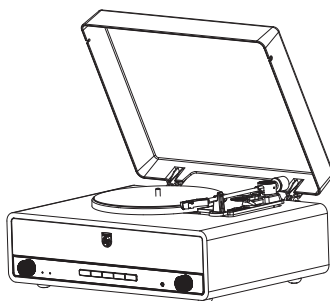


- Hold the tip of the stylus and insert the other edge by pressing toward direction 'C'. Stylus model: AT3600 (not included).

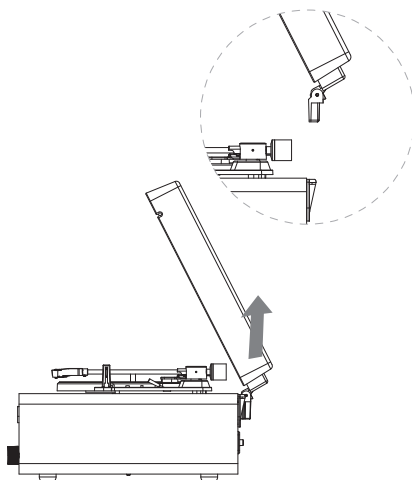


Remove the dust cover

- Open the dust cover.



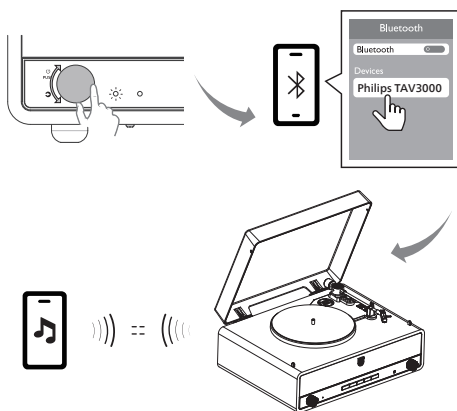
- Lift up the dust cover vertically from the hinge base.






5 Listen to Bluetooth® music


Connect Bluetooth®

- 1 Rotate the  knob to switch to BT source and LED 1 blinks blue.
- 2 Select [**Philips TAV3000**] on your Bluetooth enabled device.
 - ↳ After successful pairing and connection, the Bluetooth indicator turns solid blue, and you will hear the prompt sound from the unit.




- 3 Play the audio from your device.
 - Press the  /  buttons on the product or your device to skip to previous/next track.
 - Press the  button on the product or your device to play/pause the track.

Disconnect Bluetooth®

- Deactivate Bluetooth on your device.
- Press and hold the  button on the unit for 3 seconds to enter pairing mode.
 - ↳ LED 1 blinks blue.

Clear Bluetooth® pairing records

- Press and hold the  button on the unit for 3 seconds in disconnect mode.





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™ operate

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



Auracast™ receiver


- 1 Short press the  button on the turntable or select Source Control on Philips Entertainment App to switch to Auracast™ receiver source.
 - ↳ LED 1 turns solid cyan and LED 2 blinks cyan, you will hear the prompt sound from the unit.
- 2 If you enter Auracast™ source for the first time or if the station list is empty, the product performs a full scan automatically.
- 3 The turntable will automatically search for near by Auracast™ broadcasts and connect to the unencrypted broadcast with the strongest signal.
 - Entering the same password that you input when setting up Auracast™ broadcast from your mobile phone, dongle or device.
- 4 On your mobile device or dongle that supports Auracast™, follow the instruction to enable Auracast™ broadcast."
- 5 After successful connection, the LED 2 turns to solid cyan.
- 6 Select and play audio from your Auracast™ enabled mobile device , dongle or product to the unit.
- 7 Follow the Auracast™ connection on any additional Auracast™ compatible products you want to include. Short press the  /  buttons to select an Auracast™ broadcast channel.
 - Only unencrypted broadcast is selected and encrypted broadcast is skipped.
- 8 Short press the  button again 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 In Phono/Bluetooth/Audio in source, press and hold the  button on your turntable 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 2 turns solid purple and you will hear the prompt sound from your turntable.
 - When encrypted broadcast is selected, LED 2 turns solid amber and you will hear the prompt sound from your turntable.
- 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.
 - Once connected, LED 2 on Auracast™ enabled products will turn solid Cyan.

- 5 Rotate the  knob to switch between Phono/Bluetooth/Audio in to play different audio sources.

Disconnect Auracast™ broadcast

- Press and hold the  button on your turntable for 3 seconds.
- Exit Auracast™ broadcast from your turntable.
 - ↳ LED 2 blinks purple or amber.

Note

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

Disconnect BT-OUT

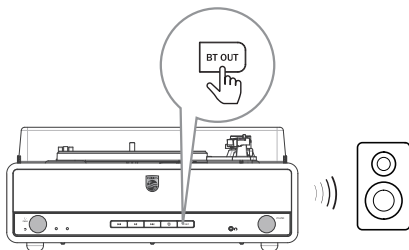
Press and hold **BT OUT** button on the turntable for 3 seconds.

- ↳ LED 2 turns from solid white to blinks white.

7 Bluetooth-Out (BT-Out) operation

Connect to Bluetooth enabled device

- 1 In Phono/Audio in source, press **BT OUT** button to enter Bluetooth out pairing mode.
 - ↳ LED 2 blinks white.



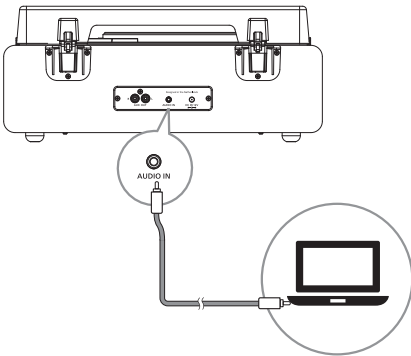
- 2 Ensure your Bluetooth enabled device is in pairing mode.
- 3 The turntable starts to scan and pair to nearest Bluetooth enabled device or device with the strongest signal automatically.
- 4 Once connected, you will hear the prompt sound from the turntable.
 - ↳ LED 2 turns solid white.


8 Other features

Listen to an external device

You can listen to an external device through this turntable with an audio cable.

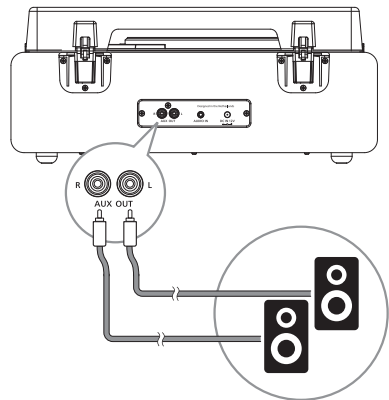
- 1 Use Audio in cable (not included) connecting one end to the external device and connecting the other end of 3.5mm to the AUDIO IN jack on the back of the unit.



- 2 Rotate the  knob to switch to Audio in source.
 - ↳ LED 1 turns to solid pink
- 3 Start to play the device (see the device user manual).


You can connect the unit to an external speaker using an audio cable:

- 1 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.



- 2 The volume is controlled by the external speaker.

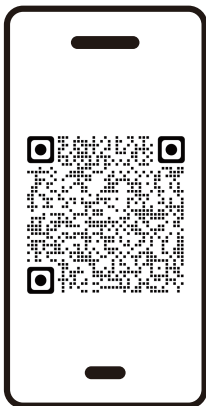
Headphone output

- Connect the headphone/ earphone through the headphone jack  on the front of your turntable.
- Rotate the **VOLUME** knob to adjust the volume level.

9 Philips Entertainment App

App download

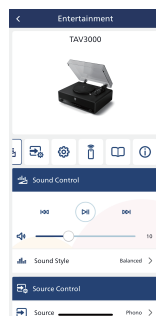
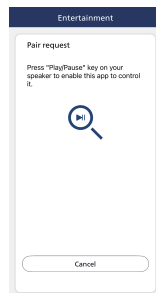
Scan the QR code and press “Download” button, or search “Philips Entertainment” in the Apple App Store or Google Play to download the app.



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 turntable




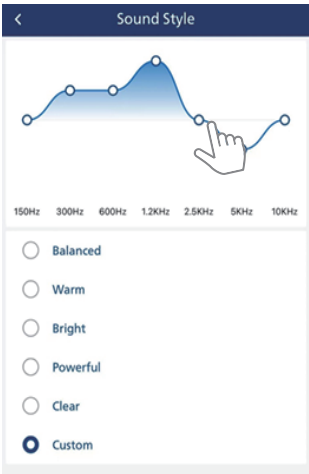
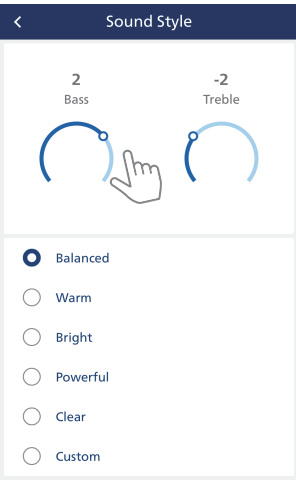
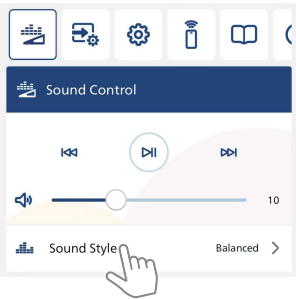
- 1 Launch the Philips Entertainment App on your mobile device.
- 2 Make sure your mobile device is enabled the Bluetooth setting.
- 3 If you connect the Philips Entertainment App with your turntable for the first time, you are asked to pair the App with your turntable.
- 4 Press the ►|| button on your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

Choose your sound


You can choose the ideal sound for your music.

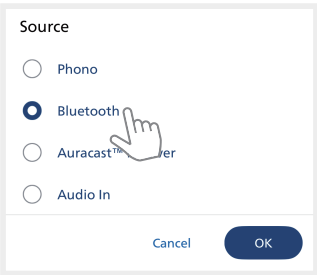
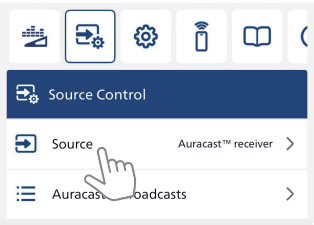
Select Equalizer (EQ) Effect

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



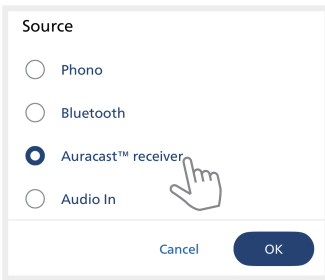
Select source

Press  icon on the App to select **Phono/Bluetooth /Auracast™ receiver/Audio In**.

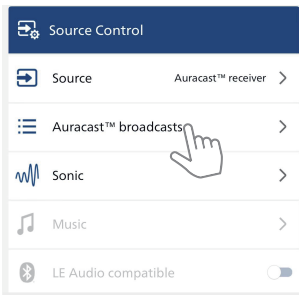


Receive unencrypted Auracast™ broadcast

- 1 Select Auracast™ receiver source.

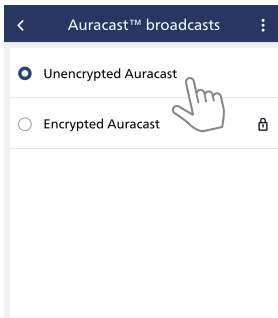


- 2 Press **[Auracast™ broadcasts]** to enter Auracast™ broadcast list.



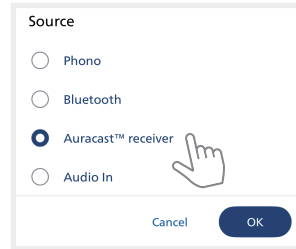
- 3 When an **unencrypted** playback source from mobile phone or dongle is selected, the turntable will search and connect to it.

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

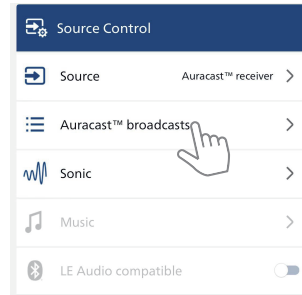


Receive encrypted Auracast™ broadcast

- 1 Select Auracast™ receiver source.

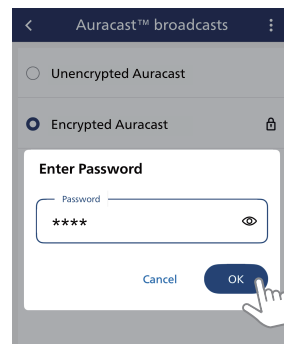


- 2 Press **[Auracast™ broadcasts]** to enter Auracast™ broadcast list.




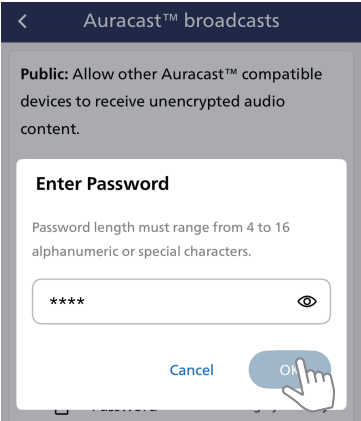
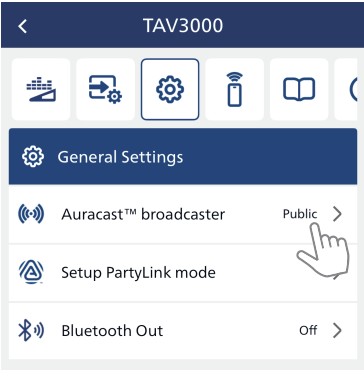
- 3 When an **encrypted** playback source from mobile phone, dongle or product is selected, you will ask to input a password. Entering the same password that you input when setting up Auracast™ broadcast from your mobile phone, dongle or product.


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

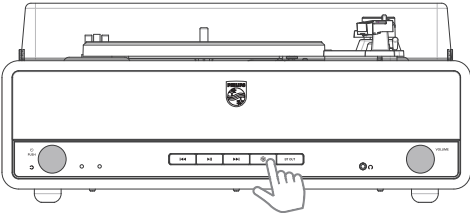


Select Auracast™ broadcast


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



- 4 Press and hold  button from the turnable to enter Auracast™ pairing mode.

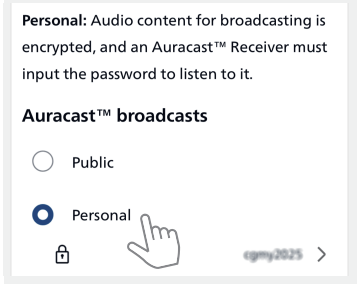


Select Bluetooth Out (BT Out)

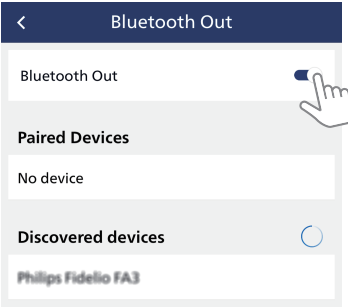
- 1 Press  icon on the App to enter General Settings list.



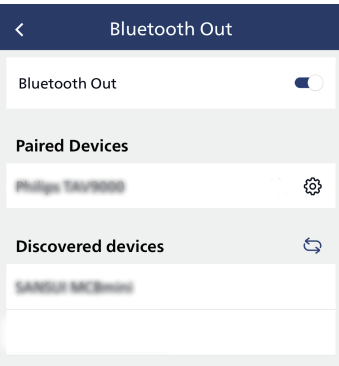
- 3 Enter password when **Personal** (encrypted broadcast) is selected.



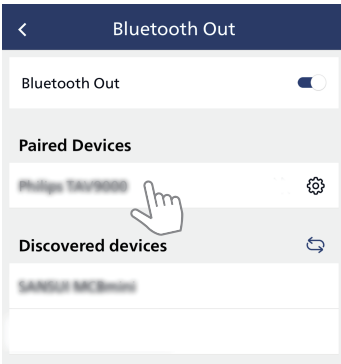
- 2 Enable **[Bluetooth Out]** and start to scan.



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

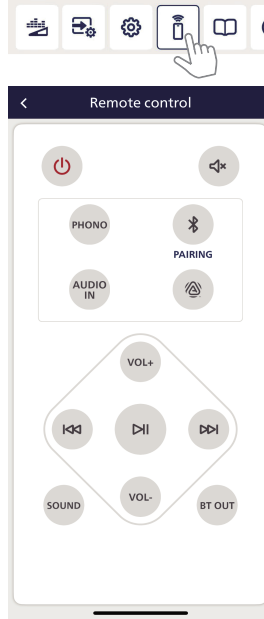


- 4 Select the device to connect Bluetooth Out.



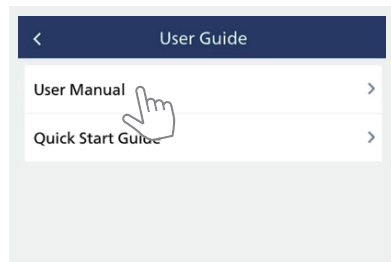
Remote control

Press "remote" 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]**.

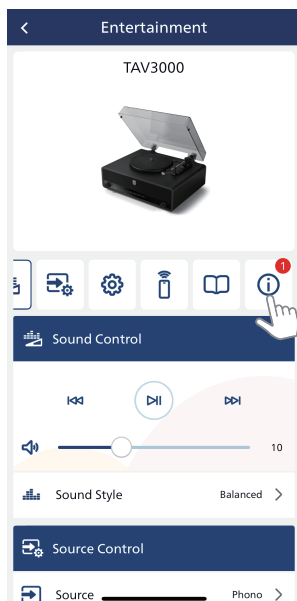


Firmware Upgrade

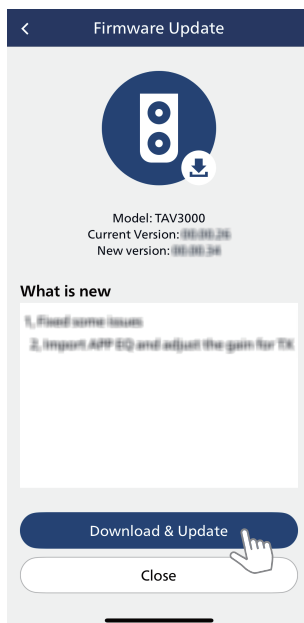
To get the best features and support, update your unit with the latest firmware version.

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.



10 Product information



Note

- Product information is subject to change without prior notice.

Amplifier

Output power	Phono: 3W x 2 THD 10%
	Bluetooth / Audio in: 6W x 2 THD 10%

Speaker

Frequency response	60Hz -20 KHz
Sound channel	2.0 CH
Speakers	2 x 2.25" full range 4Ω
Bass enhancement	1 x bass port

Bluetooth

Bluetooth version	V5.4
Bluetooth frequency band	2402-2480MHz
Transfer rate (max. e.i.r.p.)	≤7.65dBm ≤4.57dBm
BLE(max. e.i.r.p.)	≤9.31dBm
Bluetooth supported profiles	A2DP, AAC, SBC, LC3

Turntable

Turntable speeds	33-1/3 RPM, 45 RPM and 78 RPM
------------------	----------------------------------

AUDIO IN

Audio in input level	800mV ± 100mV RMS
----------------------	-------------------

Automatic

Automatic stop function	Automatic stop ON/OFF switch (45 RPM not applicable)
Stylus model	AT3600LA

General information

Power supply	12.0V \pm 1.0A
Operation power consumption	7 W
Standby power consumption	<0.5 W
Dimensions (W x H x D)	42.0 x 17.9 x 34.8 cm
Weight (main unit)	4.35 kg

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

- 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.

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.

Decline in turntable audio performance

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

Bluetooth cannot be connected with this unit.

- Check if device does not support the profiles required for this unit. The formats of these files are not supported.
- 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.

12 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 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.



MMD Hong Kong Holding Limited. All rights reserved. Specifications are subject to change without notice. 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.