

PUSUN

Tennis Ball Machine User Manual

Model: PT-Smart



Products are updated and improved from time to time, so the actual product may differ slightly from the illustrations and specifications shown here. Always refer to the product itself.

Important Safety Information

Read this section before you use the machine for the first time.

- Keep everyone clear of the ball outlet while the machine is running. Balls are launched with considerable force and can cause injury.
- Switch the power off before carrying out any troubleshooting, clearing a jammed ball, or cleaning the machine.
- Never operate the machine while the battery is charging.
- This appliance includes a Class III part supplied from a detachable power supply unit. Use it only with the power supply unit supplied with the appliance.
- As a Class III appliance, it must be supplied only at the safety extra-low voltage marked on the appliance.
- The machine is powered by an external, detachable battery pack. If a replacement is needed, use only an identical PUSUN battery pack of the same specification. Do not open or modify the pack itself.
- The appliance may be used by children aged 8 and over, and by people with reduced physical, sensory or mental capabilities or with limited experience and knowledge, provided they are supervised or have been instructed in its safe use and understand the hazards involved. Children must not play with the appliance. Cleaning and user maintenance must not be carried out by children without supervision.
- Do not dismantle the machine. Any consequences of doing so are the user's responsibility.
- Follow every precaution set out in this manual. Faults or damage caused by incorrect operation are not covered by the manufacturer's warranty.

Keep all the documents supplied with the product in a safe place. If you have any questions, please contact your local service centre or distributor.

Downloading the App

Before you install and use the product, read this manual carefully and download the PUSUN Tennis app by scanning the relevant QR code below.



Android download



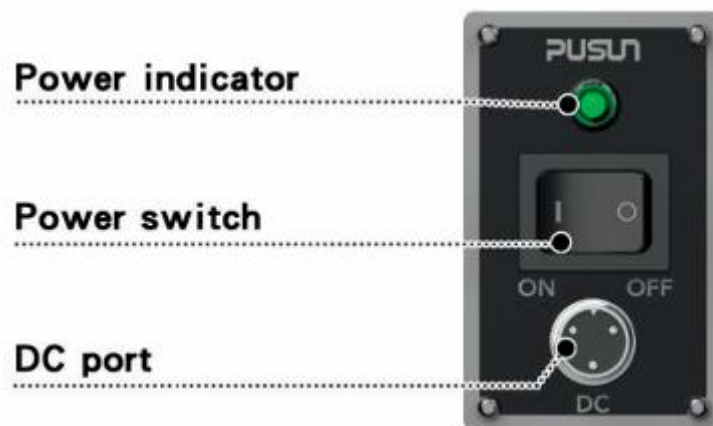
iOS download

1. Product Structure



The main components are the adjustable trolley handle, the ball hopper, the ball-level viewing window, the launch port, the tee wheel and the transport wheels.

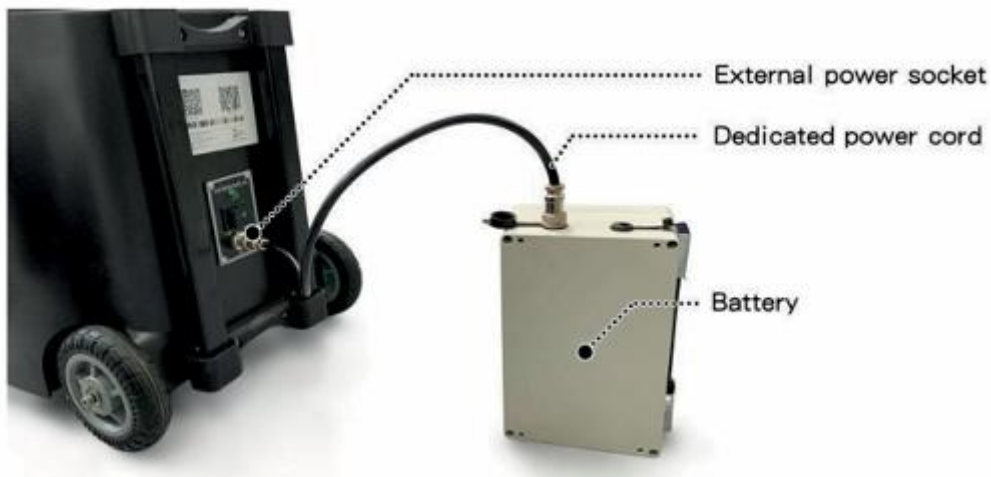
2. Control Panel



The panel carries the power indicator, the power switch (ON / OFF) and the DC input socket.

3. Battery

Connect the machine to the battery using the dedicated power cord, as shown below.



The PT-Smart uses an external battery. Charge it fully before first use to activate the battery and ensure the machine runs correctly.

Always plug the charger into the mains before connecting it to the battery; connecting it the other way round can cause sparking.

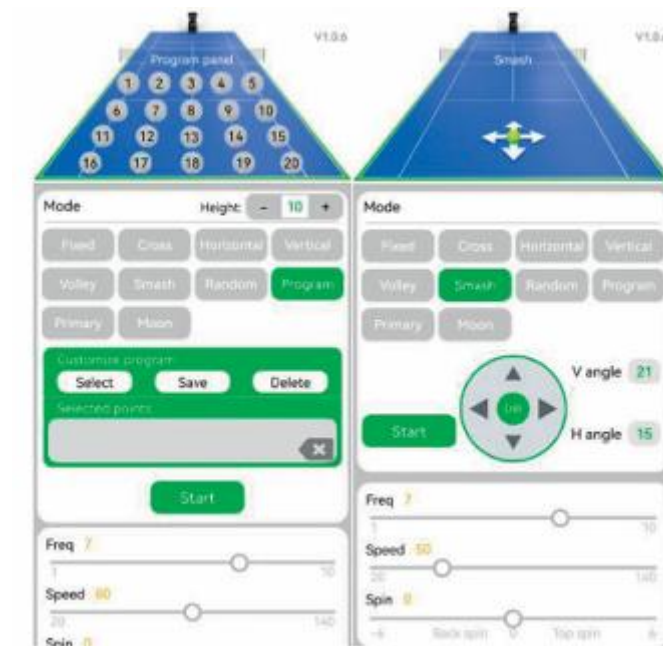
Charging

Use the charger supplied in the box. The charger indicator glows red while charging and turns green when charging is complete.

Battery precautions

- Use only the charger supplied with the product. Do not use any other charger.
- The battery is a lithium battery with a built-in intelligent protection board.
- Do not dismantle or modify the battery yourself.
- Recharge the battery after each use. Top it up regularly even if some charge remains — leaving the battery flat or nearly flat shortens its life.

4. App Control Interface



Switch the machine on and install the app (scan the QR code above to download it). Make sure Bluetooth and location services are enabled on your phone, then open the app and connect to the machine over Bluetooth. Choose a training mode on the Mode screen and tap Start.

Three settings run along the bottom of the screen — Frequency, Speed and Spin. You can adjust them at any time while the machine is running to suit your training.

Training modes

Mode	What it does
Fixed	Feeds every ball to a single spot. Move the target with the up, down, left and right keys.
Cross	Tap once for deep to the left and short to the middle; tap again for deep to the right and short to the middle.
Horizontal	Feeds along the centre line. Adjust the vertical angle with the up and down keys.
Vertical	Alternates deep and short balls. Adjust the horizontal angle with the left and right keys.
Volley	Feeds volleys to the middle of the court.
Smash	Feeds high overhead balls for smash practice. Adjustable with the up, down, left and right keys.
Random	Feeds randomly across the full court.
Program	Select up to 20 points on the programming grid to build your own repeating drill.
Primary	Beginner-level feeding.
Moon ball	Feeds high, looping balls. Adjustable with the up, down, left and right keys.

5. Standard Accessories

Item	Quantity
Remote control	1
Battery	1
Battery charger	1
Dedicated power cord	1
User manual	1
Heart-shaped plate	1
Hex key set	1

6. Specifications

Specification	Value
Power	100 W
Feed rate	1.8 – 8.8 seconds per ball
Net weight	15 kg
Ball capacity	100+ balls
Product dimensions	32.5 × 45 × 43 cm
Package dimensions	49 × 37.5 × 48 cm
Power supply	DC 24 V

7. Important Usage Notes

- Do not use the machine on a wet court or in the rain. Wet balls will jam the mechanism.
- If a ball is accidentally hit back into the machine, switch the power off before removing it.
- Always switch the power off before cleaning the machine.
- Recharge the battery promptly after each session, and top it up periodically even when charge remains. Storing the battery empty or nearly empty reduces its life and performance.
- Do not leave the machine or the battery in temperatures above 55 °C for extended periods — for example, in a car boot.
- Clean out ball fluff and debris regularly, as build-up affects normal operation.
- Avoid using wet, dirty, deformed or under-inflated balls.

8. Troubleshooting

Symptom	Possible cause	Solution
No power	The battery is flat.	Recharge the battery.
No power	The battery is not connected to the machine.	Connect the battery to the machine.
No balls are fed	The machine has not been switched on.	Set the power switch to ON.
No balls are fed	A ball is jammed inside the machine.	Switch the power off, then clear the jammed ball.
Balls land out of bounds	The machine is not positioned correctly.	Reposition the machine to suit the intended launch position.
Balls land out of bounds	The ball speed is set too high.	Reduce the speed in the app.
Balls land out of bounds	Mixed types of ball are being used.	Use balls of a single, consistent type.
Ball speed is low	The machine was started with the remote control.	Control the machine from the app.

Do not dismantle the machine. Any consequences of doing so are the user's responsibility.