

PadelShooter

OTA Firmware Update System

USER MANUAL

1. What is a Firmware Update?

Your PadelShooter machine runs software (called firmware) that controls everything it does — ball speed, spin, trajectory patterns, and more. From time to time, PadelShooter releases improved versions of this software.

A firmware update installs the latest version wirelessly, directly from the PadelShooter app on your phone. No cables, no technical knowledge required. The whole process takes about 2–3 minutes.

Your machine must have the bootloader installed (all machines sold from 2026 onwards include it). If your machine was bought before this, contact PadelShooter support.

2. Before You Start

- Make sure your machine is powered on
- Stay within 2–3 metres of the machine during the update
- Make sure your phone has a working internet connection (Wi-Fi or mobile data)
- Do NOT turn off the machine or close the app during the update

- Make sure your phone battery is above 20% — or keep it charging
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3. Performing a Firmware Update

Step 1 — Connect to your machine

Open the PadelShooter app. It will automatically scan for your machine and connect. This takes about 2–3 seconds. You will see the machine name appear on the main screen.

Step 2 — Check for an update

After connecting, the app automatically checks online whether a newer firmware version is available. If one is found, you will see an orange banner below the machine name:

Update available: v1.2 → tap to update

You can also long-press on the machine name label to open the firmware update screen manually.

Step 3 — Start the update

1. Tap the orange banner, or long-press the machine name
2. The firmware update screen opens, showing the current and new version
3. Tap "Start Update"
4. The app downloads the new firmware from the internet and then sends it to your machine — you will see a progress bar

Step 4 — Wait for completion

5. The progress bar fills to 100%
 6. The app verifies the firmware was received correctly
 7. The machine reboots automatically and installs the new firmware (takes about 10 seconds)
 8. The machine beeps 5 times to confirm the update is complete
 9. The machine reboots again and starts normally (1 beep)
 10. The app reconnects and shows the new version number
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4. What Happens During the Update

Here is what is happening inside your machine while the update runs:

Phase	What you see	What the machine does
Downloading	Progress bar 0–100%	App downloads new firmware from padelshooter.com
Sending	Progress bar continues	App sends firmware to machine over Bluetooth in small pieces
Verifying	App shows "Verifying..."	Machine checks that all data arrived correctly
Installing	Machine reboots	Bootloader copies new firmware to the active slot
Complete	5 beeps, then 1 beep	Machine restarts with the new firmware version

Total time: approximately 10 minutes depending on your Bluetooth signal strength.

5. Troubleshooting (User)

Problem	What to do
I do not see the orange update banner	The app only shows the banner for machines with the bootloader installed. If your machine is older, contact PadelShooter support.
The app says "Update failed"	Stay close to the machine and try again. Make sure your internet connection is working. If it fails 3 times, restart both the machine and the app and try once more.
The progress bar stops and does not move	Move closer to the machine. If it still stalls, tap Back, restart the machine, and try the update again.
The machine beeped 10 times and does not work	This is a serious error. Do not try to use the machine. Contact PadelShooter support immediately.
The app lost connection during the update	Restart the machine. The old firmware is still safe — the new firmware is only activated after a successful complete update. Try the update again.
The machine shows the same version after update	Wait 30 seconds and let the app reconnect. If the version is still old, repeat the update process.
I do not have internet on my phone	You need an active internet connection to download the firmware. Connect to Wi-Fi and try again.