

Wonderfitter

M9/M17 SteamVR Driver Installation Guide
—For Meta Quest Series Headsets

v0.6.1

Table of Contents

1. Pre-Installation Checklist	01
2. Driver Software and Hardware Installation	03
3. Launching Meta Link Streaming and SteamVR	05
4. Bluetooth Pairing with M9/M17	06
5. FAQ	07

1. Pre-Installation Checklist

1.1 Software Requirements

Ensure your computer has the following software installed and updated to the latest versions:

- Windows 11 or later (64-bit)
- [Steam](#)
- [SteamVR](#)
- [Meta Link](#)
- [M9/M17 SteamVR Driver](#)

1.2 Hardware Requirements

1. **M9/M17 Electronic Pistol:** Includes rail and VR mount. (P1)
2. **VR-Ready PC:** Must use the dedicated Bluetooth adapter included in the M9 product package. (P2)
3. **Compatible VR Headsets:** Meta Quest 2, Meta Quest 3, Meta Quest 3s. (P3)



P1



P2

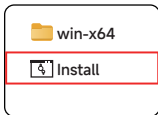


P3

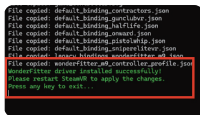
2. Driver and Hardware Installation

2.1 Driver Installation

1. Close SteamVR if it is running.
2. Unzip the downloaded driver installation package.
3. Right-click the Installer.exe file and select **"Run as administrator"**.
(No keyboard/mouse input is required during installation.) (P1)
4. If Steam is not installed in the default directory, the installer will prompt you to manually select your Steam installation path.
5. When the message **"Wonderfitter driver successfully installed"** (in green text) appears, press any key to exit the installer. (P2) **Restart your computer after successful driver installation.**



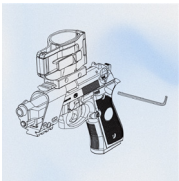
P1



P2

2.2 Hardware Assembly

1. Attach the rail with the mount to the front of the M9 pistol. **Use the hex screw to securely fasten the rail to the pistol body.** (Failure to do so may cause detachment during use.) (P1)
2. Secure the M9/M17 VR mount to the rail **using the hex screw.** (P2)
3. Align your VR right controller with the accessory slot **as shown in the diagram.** Insert the controller into the slot. **Press the lock on the slot until it clicks into place.** (P3)



P1



P2



P3

3. Launching Meta Link Streaming and SteamVR

1. Follow the official [Meta Quest Link](#) guide to set up streaming. (P1)
2. From the Meta Link interface inside the headset, select **"Run Steam VR"**. If this is your first time streaming, you can also launch SteamVR from the PC desktop via the Meta Link interface. (P2)
3. The SteamVR menu will appear on the headset display, showing a list of available games. **You are now inside the SteamVR environment.**
4. A white controller model will appear in SteamVR. (P4) Additionally, the SteamVR status window on your PC taskbar will show a hexagonal "C" icon, **indicating the driver has been installed correctly.** (P5)



P1



P2



P3



P4



P5

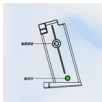
4. Bluetooth Pairing with M9/M17

Important Notes:

- Do not manually pair the M9 device through your PC's Bluetooth settings menu.
- If already manually connected, disconnect it to avoid interference with M9's normal Bluetooth pairing.
- To avoid module conflicts, it is recommended to temporarily disable the PC's built-in Bluetooth modules—whose names include "Bluetooth" or similar terms—under the "Bluetooth" or "Network adapters" category in "Device Manager".

Follow these steps to pair M9/M17:

1. **Ensure the driver is successfully installed** and SteamVR is running.
2. Remove the magazine, then **press and hold the power button for 3 seconds** until the green LED starts blinking (indicating pairing mode). (P1)
3. After blinking several times, the LED will stay solid, indicating successful pairing with the PC's Bluetooth. Check the system tray/bluetooth status bar on your PC—it **should show an additional connected device**. (P2)
4. **Reinsert the magazine into the M9/M17 pistol.** You are now ready to play. (P3)



P1



P2



P3

5. FAQ

1. Which games are currently supported by M9/M17?

M9 is compatible with popular VR shooter titles, including:

Half-Life: Alyx, *Half-Life 2: VR Mod*, *Arizona Sunshine 1/2*, Gun Club VR, H3VR, Sniper Elite VR, Into The Radius, Pistol Whip, Contractors, Onward, Pavlov VR, and more.

We continuously update the supported games list. Please check our official website for details.

2. Which headsets does M9/M17 support?

- Meta: Quest 2, Quest 3, Quest 3s
- HTC: Vive Focus, Vive XR Elite
- Pico: Neo 3, Pico 4 Ultra

3. Why won't the driver install?

Right-click the installer and select **"Run as administrator"**. Also, ensure SteamVR is closed during installation, and restart your PC after installation.

4. Why can't I connect via Bluetooth?

- Use **only the original Bluetooth adapter included in the M9/M17 package**.
- Some PCs have built-in low-version Bluetooth modules that may conflict with the original adapter. Open **Device Manager** → **Bluetooth**, and disable built-in modules such as **"Intel(R) Wireless Bluetooth(R)"** (Note: Do not disable the original adapter).

5. Can I still use my controllers while using M9/M17?

Yes, all controller functions remain available. However, the right controller's physical position will move with the M9. To revert to default, go to SteamVR Settings → **Startup/Shutdown** → **Manage Add-ons** and disable "**wonderfitter_m9**".

6. Does M9/M17 support Steam Link streaming?

Currently, only **Meta Link streaming** is supported. Steam Link streaming is not available.

7. Why is the gun position misaligned in-game?

This is usually caused by using a non-Meta Link streaming method. Switch to Meta Link and run "**Reset Standing Position**" in SteamVR to recalibrate.

8. How do I move in-game since M9/M17 has no joystick?

Movement is controlled via the **left controller's joystick**. M9 is designed for aiming and shooting actions.

9. How do I switch weapons in-game?

We recommend binding weapon switching to a **button on the left controller**, as the right controller is attached to the M9 and may be inconvenient to access.