Wonderfitter

M9VR Connect Guide

V0.6.1

M9 SteamVR Driver V0.6.1

The M9 SteamVR Driver is a software designed for the M9 electronic pistol, enabling seamless integration between the device and the Steam/SteamVR. It provides native compatibility with most VR shooting titles including Half-Life: Alyx.

The Driver precisely converts physical interactions with the M9—such as trigger actuation and magazine release mechanisms—into in-game commands. Cross-platform compatibility extends to major VR headsets and controllers, including Meta Quest, Pico and HTC Vive.

Pre-Install Checklist

Software Environment

Ensure the following software and games are installed, updated to the latest versions, and fully closed/exited:

- Steam
- SteamVR
- Meta Link / Pico Link / Vive Hub

(choose one based on your headset brand)

** The V0.6.1 driver includes M9 configurations for the following 12 games, with additional game configurations to be progressively released.*

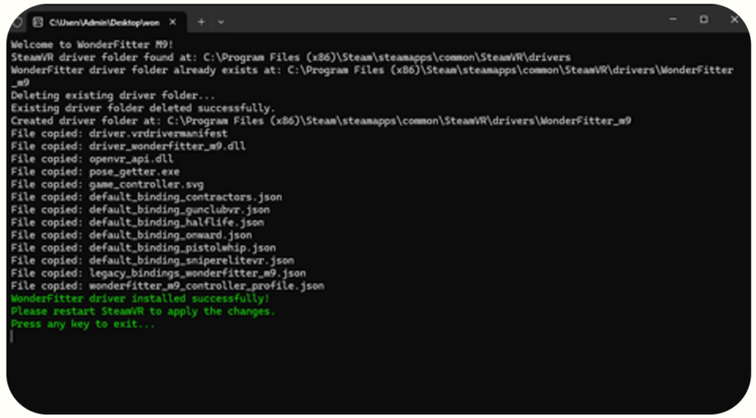
Hardware Requirements

M9: Attach the VR accessory to the gun body according to the manual, ensuring full locking *(the controller should not detach when shaking the gun).*

PC : Verify that your PC meets the recommended specifications for running VR games and has Bluetooth enabled *(recommended version ≥4.0).*

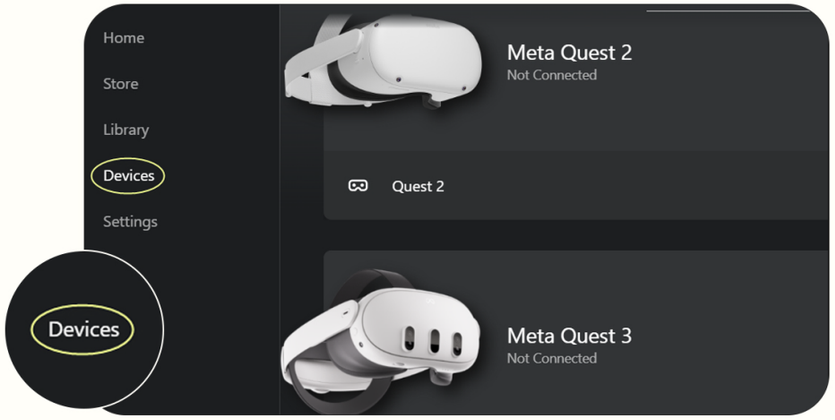
VR Headset: Ensure the headset is connected to the PC via the same network or through a USB 3.0 cable.

M9 SteamVR Driver Installation

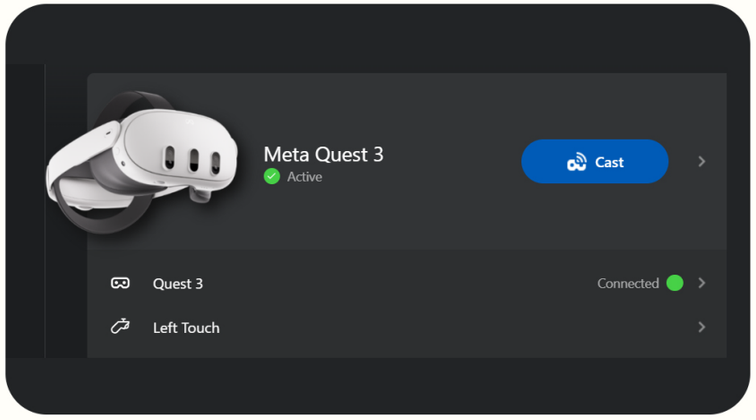


- **Close** SteamVR if it's open.
- Download the driver package, right-click it, and select **Extract** to current folder.
- Right-click **Installer.exe** and select **Run as administrator**
  (no keyboard/mouse input required during installation)
- When the message **" Wonderfitter driver Installed successfully"** appears, press any key to exit.
- Please **restart computer** after installation to active the driver.
  (existing driver will be automatically overwritten during installation)

Launch Meta Quest Link

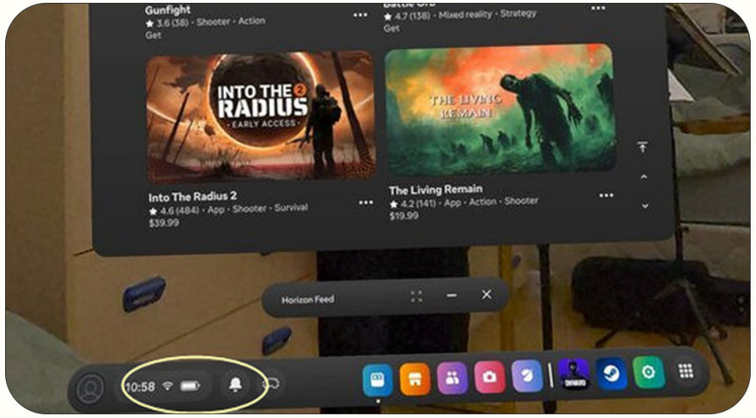


- Download and Install Meta Quest Link.
- Launch the Meta Quest Link app on your computer and log in with your Meta account.
- In the Meta Quest Link app, click the "Devices" tab. Your headset should appear in the list. Select it to initiate the connection.

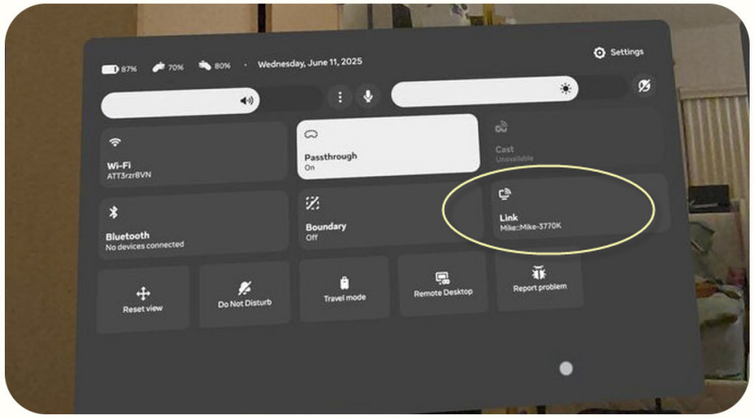


- Power on and put on your Meta Quest headset.
- The device will be connected automatically.

Launch SteamVR



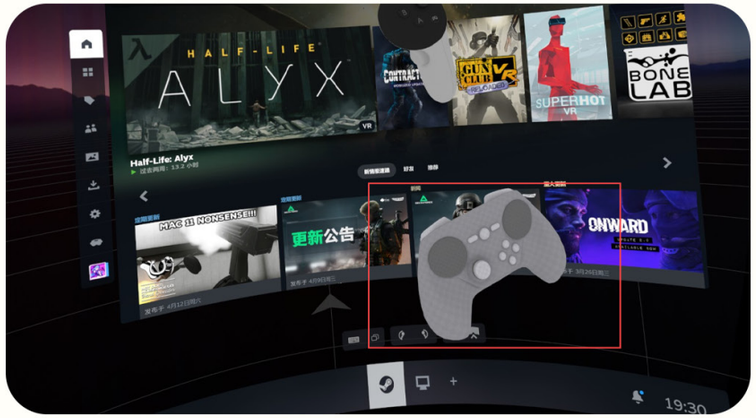
Click on the quick setting menu on the Meta Quest headset.
(lower left)



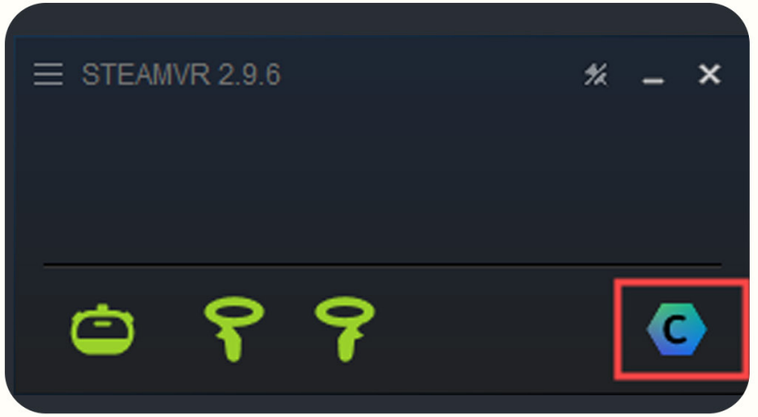
Click on “Link“ and launch Meta Link.
*(**Do not use** the “Steam Link” App)*

Run the “Steam VR” App on the Meta Quest headset. The Steam VR menu will show on the Meta Quest headset display with selections of available games.

Verify Driver Installation



- A **white gamepad model** appears in the SteamVR virtual environment.

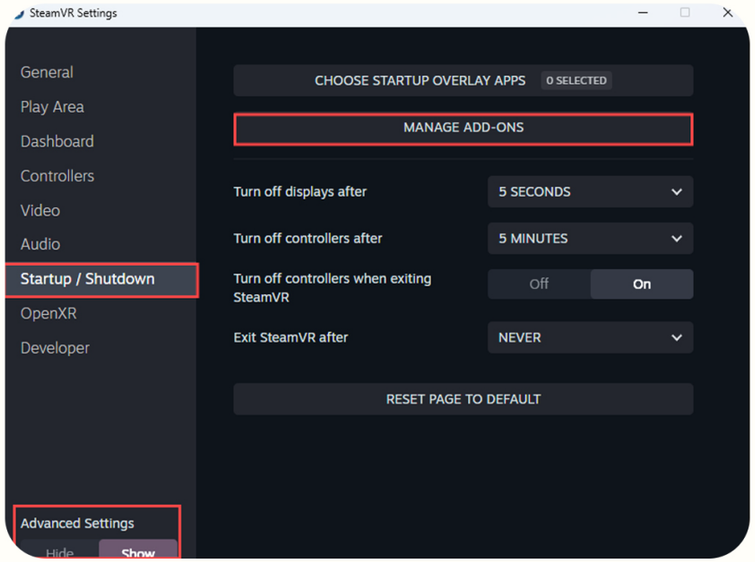


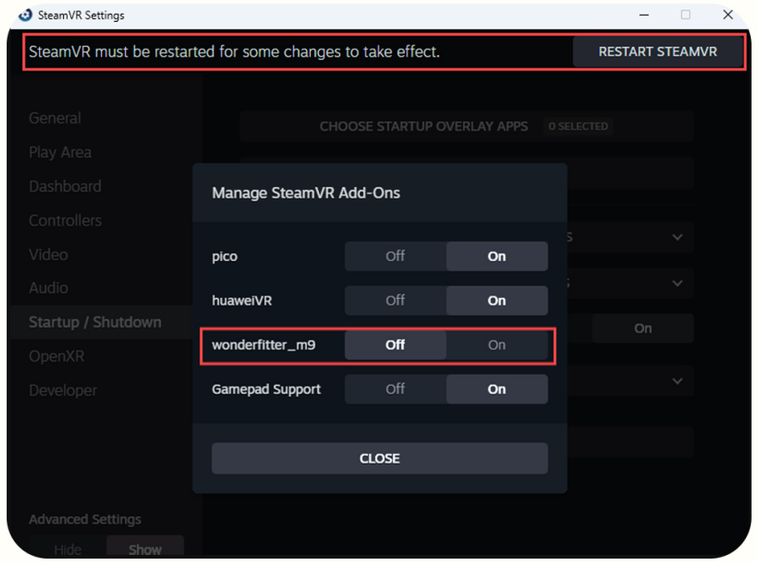
- A **hexagonal “C” icon** appears in the PC’s SteamVR status bar.

  *(If the icon is **missing**, proceed to the next page to **verify whether M9 is disabled** by SteamVR.)*

Confirm the following two indicators to verify successful driver installation:

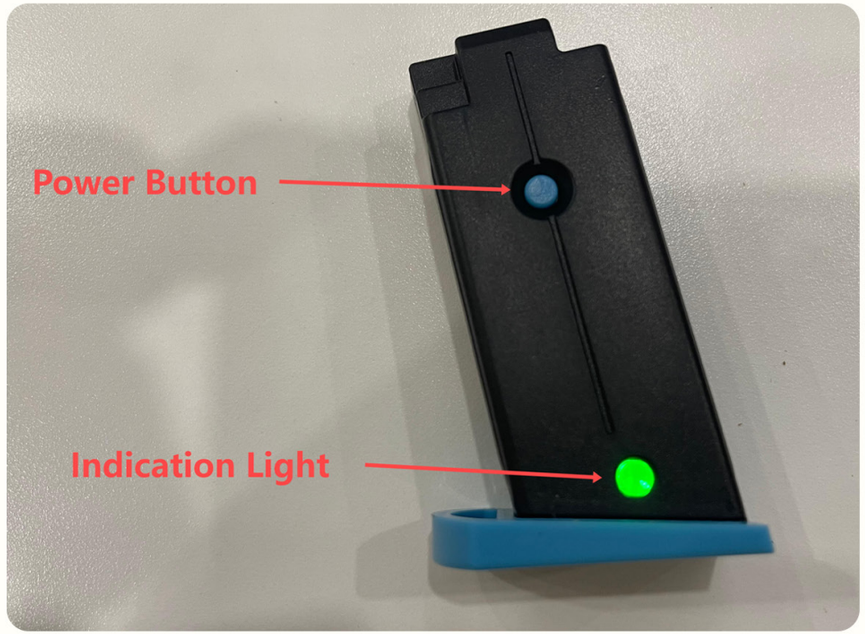
Enable/Disable M9 SteamVR Driver





- Open **SteamVR Settings** → Select **"Show Advanced Settings"** (bottom-left).
- Navigate to **"Startup/Shutdown"** → Choose **"Manage Add-ons"** (hidden if advanced settings are disabled).
- Toggle on/off **"wonderfitter_m9"** and restart SteamVR.

M9 Bluetooth Pairing



IMPORTANT NOTE:

Do not pair M9 with the PC's Bluetooth pairing menu.

- Press and hold the power button for 3 seconds until the green light flashes *(pairing mode).*
- The green LED will blink a few times and turns solid to indicate a successful pairing.
- The pairing will remain activate *(solid green LED)* as long as the Steam VR are open.
- Insert the magazine into the gun body until the latch locks.

VR Accessory and Controller Installation

- Secure the VR accessory to the rail, then secure the entire assembly to the M9.

- Align the right controller with the accessory slot as shown in the diagram.
- Press the lock until fully secured.

Verification In Game

- **Adjust the controller on the M9 manually to left or to right →**
  to fit the best position in game
- **Pull the M9 trigger →**
  In-game pistol fires.
- **Press the M9 magazine release →**
  In-game magazine drops.*
- **In-game pistol position**
  should align closely with the M9's grip.**

** Requires game support for this reload mode.*

*** Position may vary slightly depending on game limitations.*

Game List

Arizona Sunshine® 2

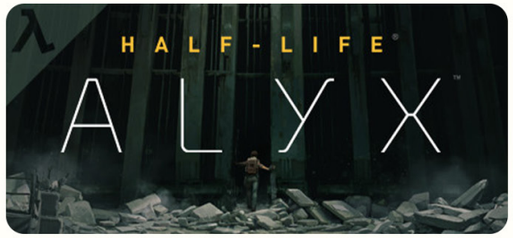
Into The Radius 2

Gun Club VR

Sniper Elite VR

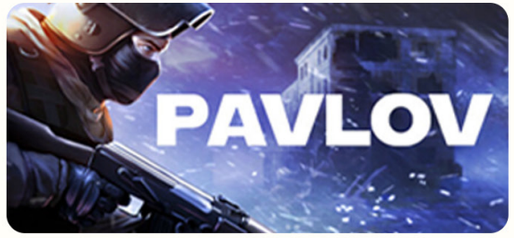
Arizona Sunshine®

Pistol Whip



Half Life: Alyx

Half-Life 2: VR Mod



Pavlov

Payday 2 VR

Onward

Contractors

Recommended Configuration

HARDWARE	CONFIGURATION	SOFTWARE	NOTES
VR Gaming PC	Display CPU: i5 14400F GPU: RTX4060 RAM: 32G DDR5 6000 Storage: 512G SSD PSU: 500WUSB: 3.0 Bluetooth 5.0USB-Type C 3.2 Cable Keyboard/Mouse	• Windows 10 or later • Steam (Download Link) • Steam VR (Download via Steam)	This PC configuration is the recommended baseline. Different VR games have varying system requirements. Higher specifications will enhance the gaming experience.
Meta Quest Headset	Meta Quest 2 Meta Quest 3 Meta Quest 3s	• Meta Link (Download Link, install on PC)	/
Pico VR Headset	Pico 4 Ultra	• Pico Connect (Download from Pico Store, install on headset) • Pico Connect (Download Link, install on PC)	Pico Connect requires matching Pico Headset account
HTC Vive Headset	HTC Vive Focus HTC Vive Elite XR	• Vive Hub (Download Link, install on PC)	/

Special thanks to Mike for his valuable contribution.