Apple Vision Pro

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This document is part of the Mastercard Makerspace Equipment Library.

All devices and tools listed herein are maintained according to internal safety and operational standards.

For support, contact the Makerspace coordinator.

Mastercard Makerspace Technical Manual

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Apple Vision Pro User Manual

Overview

Model: Vision Pro
Manufacturer: Apple Inc.
Category: AR/VR

The Apple Vision Pro combines high-resolution displays, eye tracking, and hand gesture control for immersive spatial computing. It's used in design visualization, simulation, and interactive experiences at the Makerspace.

1\. Setup

1. Charge the headset battery.

2. Pair with Apple ID.

3. Calibrate for eyes and hands.

2\. Operation

Use for AR/VR applications, 3D visualization, and training demos.

3\. Safety

Use in a safe, clear area. Take breaks every 20 minutes.

4\. Maintenance

Clean lenses with microfiber cloth. Store in case when not in use.

5\. Troubleshooting

If tracking fails, recalibrate sensors.

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Overview and Specifications

Product Name: Apple Vision Pro

Model: Vision Pro

Manufacturer: Apple Inc.

Category: AR/VR

The Apple Vision Pro combines high-resolution displays, eye tracking, and hand gesture control for immersive spatial computing. It is ideal for design visualization, simulation, and interactive experiences in a Makerspace environment.

Specifications:

Dimensions: 7.5 x 4.5 x 3.5 inches

   Weight: 1.5 pounds

   Power Supply: Rechargeable lithium-ion battery

   Battery Life: Up to 6 hours of continuous use

   Display Resolution: 4K per eye

   Connectivity: Wi-Fi 6, Bluetooth 5.0

   Sensors: Eye tracking, hand gesture recognition, accelerometer, gyroscope

Safety and Compliance Information

Operational Safety: Ensure use in a safe, clear area free of obstacles. Take breaks every 20 minutes to prevent eye strain.

   Compliance: This device complies with FCC regulations and CE standards for electronic devices.

Warnings: Do not expose the device to water or extreme temperatures. Use only the provided charger and accessories.

Installation / Setup

To set up your Apple Vision Pro, follow these steps:

1. Charge the Headset Battery:

Connect the provided charger to the Vision Pro.

Plug the charger into a power outlet.

Charge until the indicator light turns green.

2. Pair with Apple ID:

Power on the Vision Pro by pressing the power button.

Follow on-screen instructions to connect to Wi-Fi.

Log in with your Apple ID credentials.

3. Calibrate for Eyes and Hands:

Follow the on-screen calibration process to adjust for eye tracking.

Complete hand gesture recognition setup by following the guided tutorial.

Operating Modes and Usage Examples

The Apple Vision Pro supports various AR/VR applications, including:

3D Visualization: Ideal for architects and designers to visualize models in a spatial context.

Training Demos: Use in educational settings for interactive learning experiences.

Simulation: Suitable for simulating real-world environments for testing and development.

Maintenance Schedule

Task	Frequency
Clean lenses	Weekly
Charge battery	After each use
Store in protective case	When not in use
Software update check	Monthly

Troubleshooting

Problem	Cause	Solution
Tracking fails	Sensors need recalibration	Recalibrate sensors via settings
Device won't power on	Battery depleted	Charge the device
Display is blurry	Lenses are dirty	Clean lenses with microfiber cloth

Accessories or Compatible Components

Protective Case: Custom-fit case for safe storage.

Replacement Lenses: Available for purchase through Apple.

Charging Dock: Optional accessory for convenient charging.

Warranty and Support Notes

Warranty: The Apple Vision Pro comes with a one-year limited warranty covering manufacturing defects.

Support: For technical support, visit [Apple Support](https://support.apple.com) or contact the Apple customer service hotline.

Extended Warranty: AppleCare+ is available for purchase to extend warranty coverage and support services.

Resources:

End of Manual - For updates, please check the latest version at:

https://mpandey-mastercard.github.io/makerspace-manuals/manuals/tool_007_manual.pdf

- Manual Pdf Local: /manuals/tool_007_manual.pdf

- Manual Pdf Public: https://mpandey-mastercard.github.io/makerspace-manuals/manuals/tool_007_manual.pdf

- Tutorial Video: https://www.youtube.com/watch?v=Z8ZqtlvW0YQ

- Qr Code: https://mpandey-mastercard.github.io/makerspace-manuals/qrcodes/tool_007_qr.png