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## Marantz Professional TURRET

# Marantz Professional Turret Broadcaster Video-Streaming System User Manual

Model: TURRET

## INTRODUCTION

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The Marantz Professional Turret is a self-contained broadcasting system designed for high-quality audio and video capture. This system integrates a full HD webcam, a condenser microphone with a pop filter, and an LED light ring, making it suitable for streaming, vlogging, video conferencing, and podcasting. This manual provides detailed instructions for setting up, operating, and maintaining your Turret system.

## SAFETY INFORMATION

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- **Power Source:** Use only the provided power adapter. Ensure the voltage matches your region's requirements.
- **Water and Moisture:** Do not expose the unit to water or moisture. Avoid using it in damp environments.
- **Ventilation:** Ensure proper ventilation around the unit. Do not block any ventilation openings.
- **Cleaning:** Disconnect from power before cleaning. Use a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Servicing:** Do not attempt to service the unit yourself. Refer all servicing to qualified service personnel.
- **Placement:** Place the unit on a stable, level surface to prevent tipping.

## PACKAGE CONTENTS

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Verify that all items listed below are included in your package:

- Turret Tower Base
- Microphone
- Pop Filter
- Replacement Shockmount Bands
- (3) Lighting Filters (Diffuse, Cool Diffuse, Warm Diffuse)
- USB Type-C to Type-A Cable
- Power Adapter

- User Guide
- Safety & Warranty Manual

## PRODUCT OVERVIEW

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The Marantz Professional Turret combines essential broadcasting tools into a single, compact unit. It features a high-definition webcam, a professional-grade condenser microphone, and an adjustable LED light ring for optimal illumination.



Image: Front view of the Marantz Professional Turret system, showcasing the webcam, LED light ring, and external microphone with pop filter.



Image: Close-up view of the control panel on the Turret's main column, showing buttons for brightness, volume, camera on/off, and microphone on/off.

## Key Components:

- **Full HD Webcam:** Integrated camera with H.264 video compression for clear video.
- **USB Condenser Microphone:** High-quality 48kHz/16-bit audio capture with an integrated pop filter.
- **LED Light Ring:** Dimmable, daylight-balanced light with cool, warm, and diffusion filter accessories.
- **Control Panel:** Buttons for camera, microphone, and light adjustments.
- **USB Hub:** Two integrated USB 3.0 ports for connecting additional devices.
- **Headphone Amplifier:** Built-in amplifier for monitoring audio.

## SETUP

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Follow these steps to set up your Marantz Professional Turret system:

1. **Unpack Components:** Carefully remove all items from the packaging and ensure all listed components are

present.

2. **Assemble Microphone:** Attach the microphone to the adjustable arm on the Turret tower. Secure the pop filter in front of the microphone.
3. **Position the Turret:** Place the Turret tower on a stable, flat surface, such as your desk. Ensure it is positioned optimally for your video and audio capture needs.

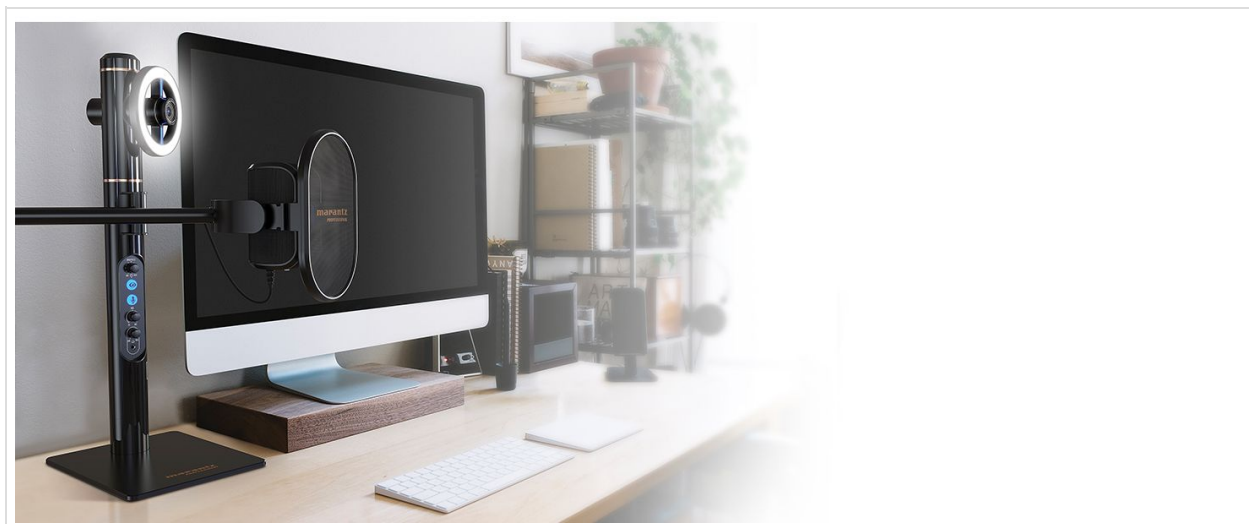


Image: The Marantz Professional Turret positioned on a desk next to a computer monitor, ready for use.

4. **Connect Power:** Connect the included power adapter to the DC input on the Turret tower, then plug the adapter into a power outlet.
5. **Connect to Computer:** Use the supplied USB Type-C to Type-A cable to connect the Turret to an available USB port on your computer. The Turret is a class-compliant device and typically does not require special drivers for basic functionality.
6. **Install Lighting Filters:** If desired, attach one of the three lighting filters (Diffuse, Cool Diffuse, Warm Diffuse) to the LED light ring to adjust the light's color temperature and softness.

## OPERATING INSTRUCTIONS

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The Marantz Professional Turret is designed for intuitive operation. Familiarize yourself with the controls for optimal performance.

### Camera Operation:

- **Activating the Camera:** Press the camera button on the control panel to turn the webcam on or off. An indicator light will show its status.
- **Software Selection:** Select the Turret webcam as your video input device in your streaming, video conferencing, or recording software (e.g., OBS Studio, Zoom, Skype).

### Microphone Operation:

- **Activating the Microphone:** Press the microphone button on the control panel to enable or disable the microphone. An indicator light will show its status.
- **Software Selection:** Select the Turret microphone as your audio input device in your chosen software.
- **Pop Filter:** The integrated pop filter helps reduce plosive sounds (P, B, T, K) for clearer audio. Position the microphone appropriately for your voice.

### LED Light Ring:

- **Turning On/Off:** Press the light button to toggle the LED light ring.
- **Adjusting Brightness:** Use the brightness knob to increase or decrease the intensity of the light.
- **Changing Color Temperature:** Apply the included cool, warm, or diffusion filters to modify the light's color temperature and softness to suit your environment and preference.



Image: A user looking into the Marantz Turret webcam while operating a laptop, demonstrating typical usage for video calls or streaming.

## USB Hub and Headphone Amplifier:

- **USB 3.0 Ports:** Use the two USB 3.0 ports on the rear of the Turret tower to connect other USB devices, such as external drives or keyboards.
- **Headphone Output:** Plug your headphones into the dedicated headphone jack for direct monitoring of your audio. Adjust the headphone volume using the dedicated knob.

## MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your Marantz Professional Turret.

- **Cleaning:** Regularly wipe the exterior of the unit with a soft, dry, lint-free cloth. Do not use abrasive cleaners, solvents, or harsh chemicals.
- **Microphone Care:** Keep the microphone and pop filter clean. If the pop filter becomes dirty, it can be gently cleaned with a damp cloth and allowed to air dry completely before reattaching.
- **Storage:** When not in use for extended periods, store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Cable Management:** Avoid sharp bends or kinks in the USB and power cables to prevent damage.

## TROUBLESHOOTING

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If you encounter issues with your Marantz Professional Turret, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No video output	Camera not powered on; Incorrect software selection; Loose USB connection	Ensure camera button is active; Select 'Marantz Turret' as video input in software; Reconnect USB cable securely.
No audio input	Microphone not powered on; Incorrect software selection; Loose USB connection	Ensure microphone button is active; Select 'Marantz Turret' as audio input in software; Reconnect USB cable securely.
LED light not working	Light not powered on; Brightness set to minimum; Power issue	Press the light button; Adjust brightness knob; Check power adapter connection.
Poor video quality	Insufficient lighting; Software settings; Internet bandwidth	Increase LED light brightness or add external lighting; Check video resolution settings in software; Ensure stable internet connection for streaming.
Audio distortion or noise	Microphone too close/far; Environmental noise; Software gain settings	Adjust microphone distance; Reduce background noise; Check audio input gain in software.
USB hub ports not functioning	Power issue; Device compatibility	Ensure Turret is powered; Test with different USB devices; Check device drivers on computer.

## SPECIFICATIONS

Feature	Detail
Model Name	TURRET
Microphone Form Factor	Gooseneck
Item Dimensions (L x W x H)	8.04 x 33.9 x 19.6 inches
Power Source	AC
Hardware Platform	PC
Number of Channels	1
UPC	694318023440
Item Weight	7.7 pounds
Connectivity Technology	USB
Connector Type	USB
Special Feature	Low Light

Feature	Detail
Compatible Devices	Personal Computer
Color	Black
Recommended Uses For Product	Streaming
Wattage	60 watts

## WARRANTY INFORMATION

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Marantz Professional products are designed for reliability and performance. This product is covered by a limited warranty. Please refer to the 'Safety & Warranty Manual' included in your package for specific terms, conditions, and registration details. Keep your proof of purchase for warranty claims.

## SUPPORT

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For technical support, troubleshooting assistance, or service inquiries, please visit the official Marantz Professional website or contact their customer support department. Contact information can typically be found in the 'Safety & Warranty Manual' or on the brand's official website.

## OFFICIAL PRODUCT VIDEOS

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No official product videos from the seller were found in the provided data for embedding in this manual.

