## ASTRO Gaming 939-001542

# ASTRO Gaming MixAmp Pro TR for PlayStation 4 User Manual

## 1. INTRODUCTION

The ASTRO Gaming MixAmp Pro TR is a high-fidelity audio mixer designed for professional gamers and live streamers. It provides advanced audio customization and control for PlayStation 4, PC, and Mac platforms, ensuring clear communication and immersive sound experiences.

### What's Included

- ASTRO Gaming MixAmp Pro TR
- 3.0m TOSlink Optical Cable
- 3.0m Micro-USB Cable
- 0.5m Digital Daisy Chain Cable
- PC Headset Y-Adapter

Figure 1: ASTRO Gaming MixAmp Pro TR product packaging.

Figure 2: Angled view of the ASTRO Gaming MixAmp Pro TR unit.

## 2. PRODUCT FEATURES

The MixAmp Pro TR offers a range of features designed to enhance your audio experience:

- **2-channel Dolby Surround Sound:** Provides immersive directional audio.
- **Customizable Stream Output:** Allows precise control over audio sent to a live stream.
- **Digital Daisy Chain:** Connect multiple MixAmps for lag-free, local voice communication.
- **USB Sound Card Functionality:** Enables high-quality audio processing for PC and Mac.
- **Customization Software:** Utilize the ASTRO Command Center for advanced audio tuning.

## 3. DEVICE COMPONENTS

### Front Panel Controls

Figure 3: Front panel of the MixAmp Pro TR, showing main controls.

- **Master Volume Dial:** Controls the overall output volume to your headset.
- **Game/Voice Balance Dial:** Adjusts the mix between game audio and voice chat. Turn towards 'GAME' for more game audio, towards 'VOICE' for more chat audio.
- **EQ Button:** Cycles through four customizable equalizer presets.
- **Dolby Button:** Toggles Dolby Surround Sound processing on or off.
- **Power Button:** Turns the MixAmp Pro TR on or off.

## Rear Panel Ports

Figure 4: Rear panel of the MixAmp Pro TR, displaying connectivity ports.

- **Optical Port (TOSlink):** Connects to your PlayStation 4 or PC for game audio.
- **Stream Port:** Outputs a customizable mix of game audio, voice chat, and auxiliary input for streaming.
- **USB Port:** Provides power, voice chat, and sound card functionality for PS4, PC, and Mac.

## Front Edge Ports

Figure 5: Front edge of the MixAmp Pro TR, showing headset and auxiliary connections.

- **Headset Port:** Connects your gaming headset (3.5mm).
- **AUX Port:** 3.5mm input for external audio sources.
- **Daisy Chain Ports (2x):** Used to connect multiple MixAmps for private voice networks.

# 4. Setup Guide

## 4.1 PlayStation 4 Connection

1. Connect the **Micro-USB Cable** from the MixAmp Pro TR's USB port to an available USB port on your PlayStation 4.
2. Connect the **TOSlink Optical Cable** from the MixAmp Pro TR's Optical port to the Optical Digital Out port on your PlayStation 4.
3. Connect your gaming headset to the **Headset Port** on the front edge of the MixAmp Pro TR.
4. On your PlayStation 4, navigate to **Settings > Sound and Screen > Audio Output Settings**
5. Set **Primary Output Port** to **Digital Out (Optical)**.

6. Select **Dolby Digital** as the audio format.

7. Go to **Settings > Devices > Audio Devices**

8. Set **Input Device** and **Output Device** to **ASTRO MixAmp Pro TR**.

9. Adjust **Volume Control (Headphones)** to maximum.

10. Set **Output to Headphones** to **Chat Audio** or **All Audio** as preferred.

## 4.2 PC / Mac Connection

1. Connect the **Micro-USB Cable** from the MixAmp Pro TR's USB port to an available USB port on your PC or Mac.

2. Connect your gaming headset to the **Headset Port** on the front edge of the MixAmp Pro TR. If your headset uses separate 3.5mm jacks for audio and microphone, use the included **PC Headset Y-Adapter**.

3. On your computer, set the **ASTRO MixAmp Pro TR** as the default playback and recording device in your sound settings.

4. For optimal performance and customization, download and install the **ASTRO Command Center** software from the ASTRO Gaming website.

## 5. OPERATION

### 5.1 Master Volume Control

The large dial on the MixAmp Pro TR controls the overall volume level of your headset. Rotate clockwise to increase volume and counter-clockwise to decrease it.

### 5.2 Game/Voice Balance

The smaller dial below the master volume allows you to adjust the balance between game audio and voice chat. Turning the dial towards 'GAME' will prioritize game sounds, while turning it towards 'VOICE' will make chat audio more prominent.

### 5.3 Equalizer Presets

Press the **EQ button** (three horizontal bars icon) to cycle through four pre-loaded or custom equalizer presets. Each press will switch to the next preset, indicated by LED lights.

### 5.4 Dolby Surround Sound

Press the **Dolby button** (headphone icon with Dolby logo) to toggle Dolby Surround Sound on or off. When active, the LED will illuminate, providing a virtual surround sound experience.

### 5.5 Power Control

Press the **Power button** (circle with vertical line) to turn the MixAmp Pro TR on or off. The LED indicator will show the power status.

## 6. ASTRO COMMAND CENTER SOFTWARE

The ASTRO Command Center software is a powerful tool for customizing your MixAmp Pro TR. It allows you to:

- Create and save custom EQ presets.
- Adjust microphone settings, including noise gate and sidetone.

- Configure stream output levels for game, chat, microphone, and auxiliary audio.
- Update MixAmp firmware to ensure optimal performance and access new features.

The software is available for download on the official ASTRO Gaming website.

## 7. MAINTENANCE AND CARE

- Keep the MixAmp Pro TR clean by wiping it with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- Ensure all cables are securely connected but do not force them into ports.
- Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid dropping or subjecting the device to strong impacts.

## 8. TROUBLESHOOTING

### No Audio Output

- Verify all cables (USB, Optical, Headset) are securely connected.
- Check the Master Volume dial on the MixAmp Pro TR and ensure it is not at minimum.
- Confirm the MixAmp Pro TR is powered on.
- For PS4: Ensure audio output settings are correctly configured as described in Section 4.1.
- For PC/Mac: Verify the MixAmp Pro TR is selected as the default playback device in your operating system's sound settings.

### Microphone Not Working

- Ensure your headset's microphone is not muted.
- Check the microphone connection to your headset and the MixAmp Pro TR. If using a Y-adapter, ensure it is correctly connected.
- For PS4: Verify the MixAmp Pro TR is selected as the input device in PS4 audio settings.
- For PC/Mac: Confirm the MixAmp Pro TR is selected as the default recording device in your operating system's sound settings.
- Adjust microphone levels within your device's settings or the ASTRO Command Center.

### Distorted Audio / Buzzing Noise

- Ensure all cables are fully inserted and not damaged.
- Try connecting the MixAmp Pro TR to a different USB port on your console or computer.
- Reduce the Master Volume to see if distortion decreases.
- Update the MixAmp Pro TR firmware using the ASTRO Command Center software.

## 9. TECHNICAL SPECIFICATIONS

| Feature | Specification |
| --- | --- |
| Model Number | 939-001542 |

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|---|---|
| Connectivity Technology | Wired |
| Compatible Devices | PlayStation 4, PC, Mac |
| Hardware Interface | USB, 3.5mm Audio, Optical (TOSlink) |
| Special Feature | Surround Sound (Dolby) |
| Item Weight | 8.1 ounces (0.23 Kilograms) |
| Product Dimensions | 5 x 3.25 x 1.5 inches |
| Material | Plastic |

## 10. SUPPORT INFORMATION

For technical assistance, warranty inquiries, or further support regarding your ASTRO Gaming MixAmp Pro TR, please contact ASTRO Gaming customer support:

**Email:** help@astrogaming.com

Please visit the official ASTRO Gaming website for the latest drivers, firmware updates, and additional product information.