ASTRO Gaming’s A50 Wireless Headset offers a solution for the audio-savvy citizen who equally measures business and pleasure. Professionally-tuned Astro Audio paired with Dolby® 7.1 surround sound to pack aural one-two punch, while three unique EQ modes provide fully customizable transitions between media and gaming. Whether you’re gaming, enjoying a feature film, or have tunes in need of heavy rotation—control over bass and ambient noise is all just a touch away.

The A50’s are equipped with KleerNet’s 5.8 GHz wireless technology, designed for unimpaired performance amongst the array of other RF traffic. ASTRO Gaming’s integrated MixAmp™ technology allows for precise control of game to voice balance, all fitting neatly into the contoured design of the A50. This guide will point to the various ways in which your A50’s can be adjusted to a setup that’s all your own.

CONGRATULATIONS ON YOUR SOUND INVESTMENT.
Contents

So... you’ve breached the boxy exterior, and you’re working your way along the inside. Revel in what you’ve uncovered.

USB CHARGING CABLE

Charges your A50 Wireless Headset from the TxD unit.

DISPLAY STAND

Holds Transmitter and headset for storage and charging.
The USB Tx is 2D/1U; Receiving both stereo game and voice audio, while outputting voice chat.

Connect USB Tx directly to your PC via USB Port.

**Game Audio**
In the Control Panel, select:
- Sound > Playback
- Select “ASTRO USB Audio Tx” then “Set Default”

**Voice Chat**
In the Control Panel, select:
- Sound > Recording
- Select “ASTRO USB Voice Rx” then “Set Default”
Connect USB Tx directly to your Mac via USB Port.

Game Audio (Mac OSX)
In System Preferences, select:
• Sound > Output
• Select “ASTRO USB Audio Tx”

Voice Chat
In System Preferences, select:
• Sound > Input
• Select “ASTRO USB Voice Rx”
LED Indicator on A50 Headset:

- Solid Red, USB connected: Charging finished.
- Solid Red, USB disconnected: Powered on.
- Blinking Red + Audible Beep: Low Power, Charge Immediately.
- Solid Orange: Charging Lithium-Ion Battery.
- Blinking White: Pairing mode.

LED Indicators on USB Tx:

- USB Tx Top
  - Off: Powered off.
  - Solid White: Powered on.
  - Blinking White: Pairing mode.

*For Dolby 7.1 Surround Sound processing, please download the software here: astrogaming.com/A50-USB-PC-Dongle
A50 Controls

Game/Voice Balance: The A50’s integrated game and voice mixing functions are located on your right earpiece. The A50s come preset to a 50/50 balance. To adjust, press the button for the audio function you wish to incrementally increase. Holding down “Game” will cause the mixing function to isolate game sounds, quieting the voice. Pressing “Voice” will cause the mixer to decrease game sounds, amplifying voice.

While using this feature you may find your A50 emits a series of intermittent beeps. Rest assured, you haven’t been tricked into an ASTRO hearing test.

A50 Game/Voice Balance Beeps:
- At 50/50 Game + Voice: Emits a single beep
- At 100% Voice: Emits a two-tone beep [unique to max voice]
- At 100% Game: Emits a two-tone beep [unique to max game]

Master Volume: The Master Volume wheel located on the bottom of the right earpiece adjusts overall volume control. Use the Master Volume in conjunction with Game/Voice Balance for total audio domination. Lecherous laughter is optional [but encouraged].

Microphone: The A50 fixed microphone operates when in the down/forward position. To activate the microphone’s mute feature, simply swing the microphone arm up to the vertical (12 o’clock) position, where the microphone will click into place.

Equalizer (EQ) Modes: EQ modes are controlled by a switch located on the back of the right earpiece. The A50s come equipped with three separate EQ modes for better listening:

1. Media: Enhanced bass, for movies and music
2. Core: Balanced for single player gaming
3. Pro: Boosted high frequencies for competitive gameplay
**USB TX USER INTERFACE**

**USB Tx – Top:**
Power/Pairing light indicator

**USB Tx – Under:**
Pairing Button - Begin pairing mode by holding this button

*For Dolby 7.1 Surround Sound processing, please download the software here: astrogaming.com/A50-USB-PC-Dongle*
1. Begin pairing mode by holding the pairing button 🙍‍♂️ on the underside of the USB Tx until 🙍‍♂️ logo blinks white. USB Tx is now in pairing mode.

2. Hold power button ⚫️ on A50 until it also blinks white and then release. A50 is now in pairing mode.

3. Pairing is confirmed by both devices when A50 LED and 🙍‍♂️ logo are solid white.

4. When pairing is complete, A50 power button will turn Red. USB Tx 🙍‍♂️ logo will be solid white.
**Charging**

To Charge your A50, attach the USB Charging Cable to the charging port on the A50 headset.

The USB Tx does not necessitate charging.

**Battery Life**

The non-removable lithium-Ion battery built into your A50s requires a five hour charging cycle to reach full power. Once fully charged, the battery is good for 8 - 10 hours of on-head action time, depending on your degree of use.
Display Stand - Permanent Assembly

Your display stand arrives in three parts: Base, Spine, and Beak.

To assemble:

1. Slide and snap in the tabbed edges of base piece into the corresponding edges of the spine.
2. Slide and snap the tabbed edge of the beak into the top of the spine.

Once assembled, the Display Stand functions as a base for your MixAmp™Tx and A50s for charging and display. The stand is not meant to be taken apart.
**Firmware Updating:**
Keep your A50s and your platforms playing nice, and in proper working order by making sure you are running the latest firmware:
http://www.astrogaming.com/firmware

**Troubleshooting**
See FAQ:
http://www.astrogaming.com/a50/a50-wireless-system

All products purchased directly from ASTRO Gaming comes with an automatic 1 year warranty on defective parts or faulty workmanship. No registration is required. That being said, if you register your product with us, we will be able to provide you with even better customer service *and* we’ll cover your shipping in both directions if a repair is needed for domestic customers. Furthermore, if you purchased one of our products from a retailer other than ASTRO Gaming, you’ll need to register it with us otherwise we’ll have no idea who you are.

Register ASTRO products here:
http://www.astrogaming.com/register

**Specs:**
- **Weight w/o cable:** 0.81lbs/363 grams
- **Max SPL:** ~118 dB @1kHz
- **Ear Coupling:** Over-Ear
- **Distortion:** THD<1%
- **Kessel Run Distance:** Under 12 Parsecs
- **Frequency Response:** 20Hz - 20 KHz
- **Connector:** 2.5mm XBOX Live® chat port, Mini-USB port
- **Microphone:** 6.0mm uni-directional noise canceling
- **Power Source:** Mini-USB [USB 2.0 compatible]
- **Battery Life:** 8-10 Hours
- **Wireless Radio:** 5.8GHz Kleernet
- **Dongle:** USB Connector, 100 ft. broadcast distance
Federal Communications Commission (FCC) Statement

15.21
You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user’s authority to operate the equipment.

15.105(b)
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
1) This device may not cause harmful interference, and
2) This device must accept any interference received, including interference that may cause undesired operation of the device.

FCC RF Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC RF Exposure requirements:
This device and its antenna[s] must not be co-located or operation in conjunction with any other antenna or transmitter.
Federal Communications Commission (FCC) Statement

This device complies with Industry Canada license-exempt RSS standard[s].
Operation is subject to the following two conditions: (1) this device may not cause
interference, and (2) this device must accept any interference, including interference
that may cause undesired operation of the device.
Cet appareil s’accorde avec Industrie Canada licence-exempte RSS standard.
(1) cet appareil ne peut pas causer l’intervention, et (2) cet appareil doit
accepter de l’intervention, y compris l’intervention qui peut causer l’opération
non désirée de.

This Class[B] digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme
NMB-003 du Canada.

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE
CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICA-
TIONS COULD VOID THE USER’S AUTHORITY TO OPERATE THE EQUIPMENT.