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astro

A50

PC WIRELESS
HEADSET

INSTRUCTION MANUAL



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 KlearNet'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.



A50 WIRELESS SYSTEM
5.8 GHZ
EQ PRESETS



PACKAGE CONTENTS

Contents

So, you've opened the box, excited, and you're looking for your gear along the inside. Revel in what you've unpacked.



USB CHARGING CABLE

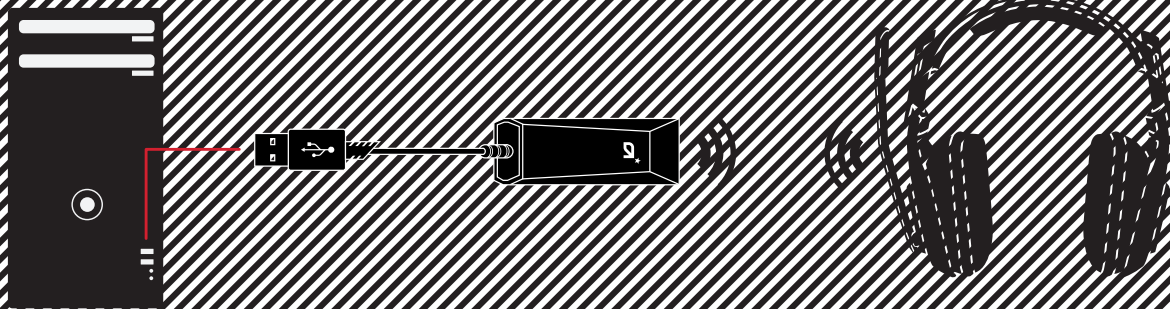
Charges your AOB wireless headset from the road only.



DISPLAY STAND

Holds Transmitter and headset for storage and charging.

The USB Px is 2D/2L: Receiving both stereo game and voice audio, while outputting voice chat.



Connect USB Px directly to your PC via USB Port.

Game Audio:

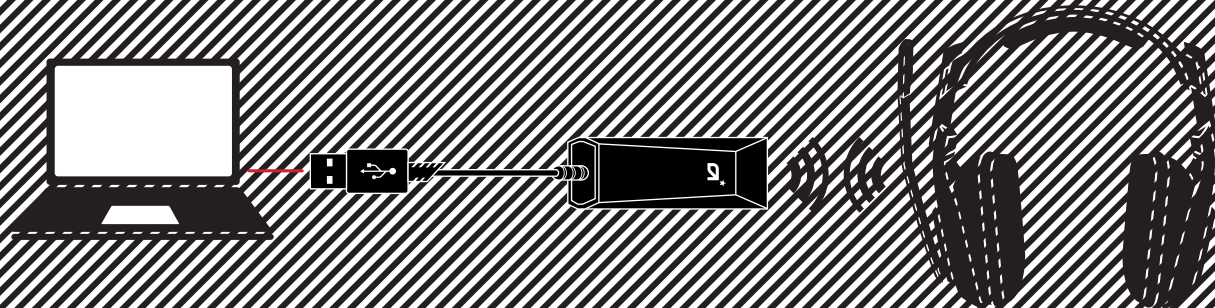
In the Control Panel, select:

- Sound > Playback
- Select "ASIO USB Audio Px" then "Set Default"

Voice Chat:

In the Control Panel, select:

- Sound > Recording
- Select "ASIO USB Voice Px" then "Set Default"






EmpireX USB Ty directly to your Mac via USB Port

Enable Audio (over DSK)
In System Preferences, select
Sound & Internal
+ Select "ASIO USB Audio Ty"

Voice Input
In System Preferences, select
Sound & Input
+ Select "ASIO USB Input Ty"



LED Indicator on A50 Headset:

-  Solid Red: USB connected, Charging finished
-  Solid Red: USB disconnected, Powered off
-  Blinking Red: Audio Drop, Low Power, Charge immediately
-  Solid Orange: Charging Lithium-ion Battery
-  Blinking White: Pairing mode

LED Indicators on USB PC:

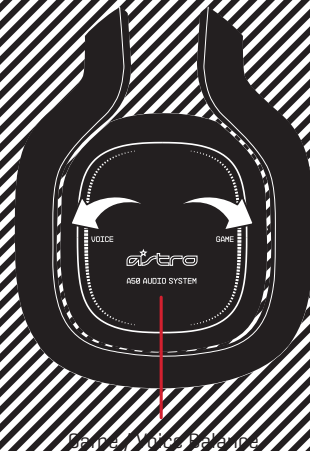
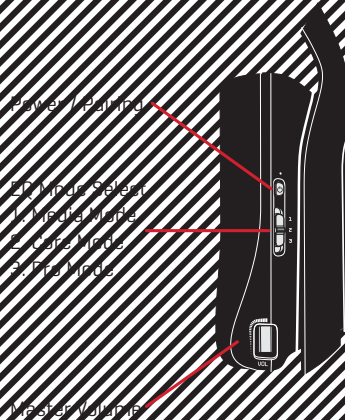
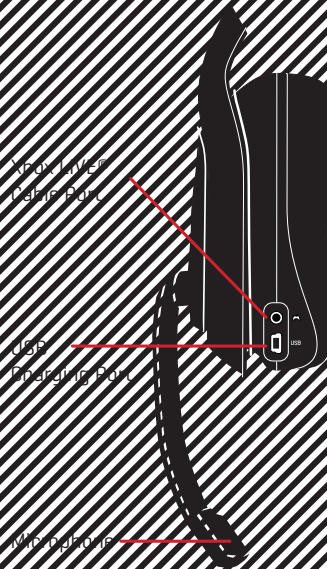
USB PC Top

-  Off: Powered off
-  Solid White: Powered on
-  Blinking White: Pairing mode

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



A50 USER INTERFACE





ASO Controls

Game/Voice Balance: The ASO's integrated game and voice mixing functions are located on your right earpiece. The ASOs come pre-set 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, muted the voice. Pressing "Voice" will cause the mixer to increase game sounds, eliminating voice.

While using this feature you may find your ASO emits a series of inter-microphone tests. Rest assured, you never been tricked into an ASO hearing test.

ASO Game/Voice Balance Presets:

- At 50% Game/Voice. Emits a single beep
- At 100% Voice. Emits a two-to-10 beep (unique to max voice)
- At 100% Game. Emits a two-tone beep (unique to max game)

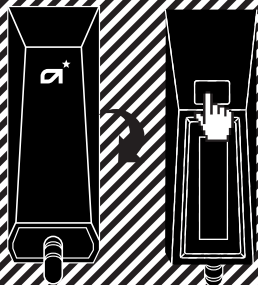
Master Volume: The Master Volume Wheel located on the bottom of the right earpiece adjusts overall volume control. Use the Master Volume in conjunction with Game/Voice balance for total audio domination. Each ear's volume is individual but coordinated.

Microphone: The ASO's fixed microphone retracts when in the down-forward position. To activate the microphone's unique feature, simply swing the microphone arm up to the vertical (90-degree) position, where the mic button will click into place.

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

1. **Media:** Enhanced bass for movies and music
2. **Game:** Balanced for single player gaming
3. **Pro:** Boosted high frequencies for competitive gaming

USB TX USER INTERFACE



USB TX - Top

Power Button (press directly)


USB TX - Under

Pairing Button - Pairing is made by pulsing this button


***For Dolby 7.1 Surround Sound processing, please download the software here: astrogaming.com/450-USB-PC-Dolby**

PAIRING ★



2. Begin pairing mode by holding the paired button  on the underside of the USB Type-C unit. The LED will blink white. USB Type-C is now in pairing mode.



3. Hold power button  on NSU until it starts blinking white and then release. NSU is now in pairing mode.

4. Pairing is confirmed by LED behavior when NSU LED and  LEDs are solid white.



5. When pairing is complete, NSU power button will turn red, NSU  LEDs will be solid white.



USB Charging Cable



Charging

To charge your ASB, attach the USB charging cable to the charging port on the ASB headset.

The USB 7x does not necessitate charging.

Battery Life

The non-removable lithium-ion battery built into your ASBs, requires a two-hour charging cycle to reach full power. Once fully charged, the battery is good for 8-16 hours of on-head action time, depending on your degree of use.

DISPLAY STAND



Display Stand - Permanent Assembly

Your display stand arrives in three parts: Base, Spine, and Deck 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 deck into the top of the spine.

Once assembled, the Display Stand functions as a base for your MixAmp™ Mix and Move for the bind and display. The stand is not meant to be taken apart.



Hardware Updating

Keep your ARD and your firearms in good shape and in good working order by having us send you the latest firmware.

<http://www.astrogray.com/firmware>

Product Location

See All

<http://www.astrogray.com/ARD/ARD1-wireless-system>

All products purchased directly from US ARD Company come with a 90-day limited warranty. We are proud to direct warranty requests to our customers. As long as conditions required, that being said, if you register your product with us, we will do the following for you: expedite our customer service team, we will cover your shipping in both directions (back to us here for defective products). We thank you if you purchase our direct product from us, considering that ARD Company will need to register with you if the product they purchased from you first.

Register as the manufacturer

<http://www.astrogray.com/register>

Specs

Weight: 1000g (2.2lb) / 260 mm

Max SOC: 128 GB (64 GB)

Size: 100mm (3.9")

Direction: 180° (180°)

Keystroke Distance: 10mm (0.39")

Frequency response: 20Hz - 20kHz

Connector: 2-pin XLR (1/4" TRS) / 3.5mm (1/8" TRS)

Microphone: 6-pin (1/8" TRS) / 3.5mm (1/8" TRS)

Power Source: 1x AA (500mAh) (2x AA (500mAh))

Speaker: 1x 1.5" (38mm)

Wireless: 2.4GHz (Bluetooth)

Range: 100m (328ft) / 100m (328ft) (328ft)



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. The SAR limit is 1.6W/kg, This device highest reported body SAR value is 0.322W/kg near the device 5mm.

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.

When the device is working the body of user need retain 5mm distance the device.



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 MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.