ȧstro

A40

+ MIXAMP™ PRO
INSTRUCTION MANUAL

aˢtro

Designed for professionals but fit for any gamer, ASTRO Gaming's A40 +MixAmp™ Pro provides long-lasting comfort and complete audio control, so you can play your way. Most importantly, the A40 delivers unparalleled sound with incredible clarity, allowing you to hear even the subtlest aspects of your game's soundscape. The unidirectional microphone may be worn on either side of the headset, and offers superior vocal communication, clearly capturing your voice without picking up any background noise. You can even decorate your A40 headset by taking advantage of the customizable magnetic speaker tags.

/ /

The MixAmp™ Pro gives you the power to adjust your game-to-voice balance, choose an EQ mode, or adjust your volume.

CONGRATULATIONS ON YOUR SOUND INVESTMENT.

A40
+ MIXAMP™ PRO
GAME AND VOICE BALANCE

PACKAGE CONTENTS

Contents

So... you've breached the boxy exterior, and you're working your way along the inside. You'll find that your A40 + MixAmp™ Pro comes bundled with some cables, each has a purpose that's suited to your method of gameplay.

A40 HEADSET ◢

DETACHABLE MICROPHONE ◢

SPEAKER TAGS ◢

MIXAMP™ PRO ◢

TOSLINK OPTICAL CABLE ◢
For updating the Xbox one controller

USB POWER CABLE ◢

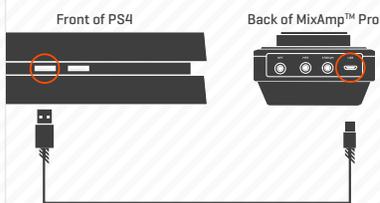**A40 INLINE MUTE CABLE** ◢

PC HEADSET Y-ADAPTER ◢

DAISY CHAIN CABLE ◢

SYSTEM CONFIGURATION // PS4

1

Front of PS4   Back of MixAmp™ Pro

Plug Micro-USB Cable into MixAmp™ Pro and PS4 for power.

2
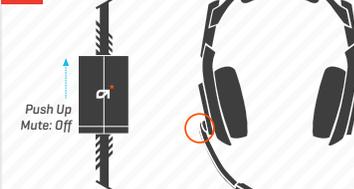
Back of MixAmp™ Pro   Back of PS4
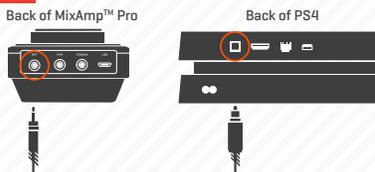
Plug the mini-optical cable into the MixAmp™ Pro and back optical port of the PS4 for Dolby® Digital 7.1 Surround Sound (Be sure to remove the caps on the cable tips).

3

Front of MixAmp™ Pro

Plug the Inline Mute Cable into the headset and the front of the MixAmp™ Pro.

4

Push Up
Mute: Off

Ensure that the mute switch is in the off position (no orange should be showing). Plug the microphone into either side of the headset.

5

MixAmp™ Pro Power Button

*STAND BY   *POWER ON

Power on the PS4, then the MixAmp™ Pro. The PS4 will automatically detect it.

6

SIGN IN

Sign into a user profile when prompted.

7

PS4 SOUND SETTINGS

Go to settings and select "Sound and Screen," then select "Primary Output Port" and choose "Digital Out (Optical)."

8

PS4 SOUND SETTINGS

Go back to "Audio Output Settings" and select "Audio Format (Priority)," then select "Bit Stream (Dolby)."

9

PS4 SOUND SETTINGS

Under the "Audio Output Settings" menu select "Output to Headphones" and make sure "Chat Audio" is selected and not "All Audio."

10

That's it! Your A40 + MixAmp™ Pro and PS4 are set up and ready to game.

ASTRO AUDIO
SUPERIOR
TOURNAMENT
COMPETITIVE

ASTRO GAMING
CONFIDENTIAL 2013
EYES ONLY
010105

SYSTEM CONFIGURATION // PS3

1

Back of MixAmp™ Pro   Front of PS3

Plug Micro-USB Cable into MixAmp™ Pro and PS3 for power.

2

Back of PS3   Back of MixAmp™ Pro

Plug the mini-optical cable into the MixAmp™ Pro and back optical port of the PS3 for Dolby® 7.1 Digital Surround Sound (Be sure to remove the caps on the cable tips).

3

Front of MixAmp™ Pro

Plug Mute Cable into Headset and front of MixAmp™ Pro.

4

Push Up
Mute: Off

Plug your microphone in and ensure that the mute switch is in the off position.

5

MixAmp™ Pro Power Button

*STAND BY   *POWER ON

Power on your PS3 first, then your MixAmp™ Pro. Your PS3 will automatically detect it, sign into your profile when prompted.

6

SIGN IN

Sign into a user profile when prompted.

7

PS3 SOUND SETTINGS

To enable Game Audio, select "Sound Settings," then select "Audio Output Settings." Choose "Optical Digital," and only activate "Dolby Digital 5.1 Ch." (Make sure that "DTS 5.1 Ch" is NOT selected.)

8

PS3 ACCESSORY SETTINGS

To enable Voice Chat, go to "Settings," select "Accessory Settings," and then "Audio Device Settings." Under both "Input Device" and "Output Device," select "ASTRO MixAmp Pro."
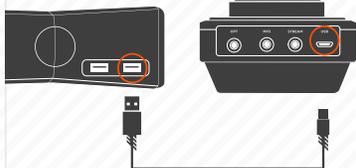
9

That's it! Your A40 + MixAmp™ Pro and PS3 are set up and ready to game.

ASTRO AUDIO
SUPERIOR
TOURNAMENT
COMPETITIVE

ASTRO GAMING
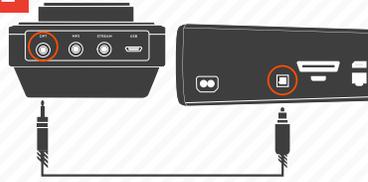CONFIDENTIAL 2013
EYES ONLY
010105

1

Back of MixAmp™ Pro

Plug the micro-USB cable into the MixAmp™ Transmitter and the USB port of the Xbox 360 for power.

2

Plug the mini-optical cable into the MixAmp™ Pro and optical port of the Xbox 360 for Dolby® 7.1 Digital Surround Sound (Be sure to remove the caps on the cable tips).
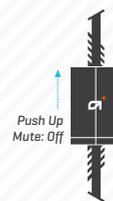
3

Front of MixAmp™ Pro

Plug Mute Cable into Headset and front of MixAmp™ Pro.

4

Push Up
Mute: Off

Plug your microphone in and ensure that the mute switch is in the off position.

5

MixAmp™ Pro Power Button

*STAND BY   *POWER ON

Power on your Xbox 360 first, then your MixAmp™ Transmitter and A50 Headset. The headset and transmitter should already be paired.

6

SIGN IN

Sign into a user profile when prompted.

7

Front of MixAmp™ Pro

To use Xbox 360 Live Chat: Connect the Xbox Live Cable from your Xbox 360 controller to the Xbox Live Cable Port on your Mixamp Pro™. **Cable not included

8

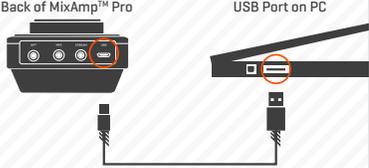That's it! Your A40 + MixAmp™ Pro and Xbox 360 are set up and ready to game.

ASTRO AUDIO
SUPERIOR
TOURNAMENT
COMPETITIVE

ASTRO GAMING
CONFIDENTIAL 2013
EYES ONLY
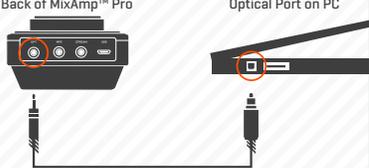010105

SYSTEM CONFIGURATION // PC

1

Back of MixAmp™ Pro   USB Port on PC

Plug Micro-USB Cable into MixAmp™ Pro and PC for power.

2

Back of MixAmp™ Pro   Optical Port on PC

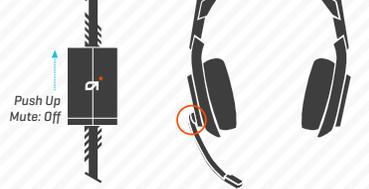Plug Mini-Optical cable into MixAmp™ Pro and PC for Dolby 7.1

3

Front of MixAmp™ Pro

Plug Mute Cable into Headset and front of MixAmp™ Pro.

4

Push Up
Mute: Off

Plug your microphone in and ensure that the mute switch is in the off position.

5

MixAmp™ Pro Power Button

*STAND BY   *POWER ON

Power on your PC first, then your MixAmp™ Pro. Your PC will automatically detect it.

6

PC CONTROL PANEL

To enable Game Audio on a PC using Windows 7; go to "Control Panel," select "Sound," then "Playback." Select "SPDIF Out" as the digital output, then "Set as Default Device."

7

PC CONTROL PANEL

To enable Voice Chat; go to "Control Panel," select "Sound," then "Recording." Select "ASTRO MixAmp™ Pro," then "Set as Default Device."
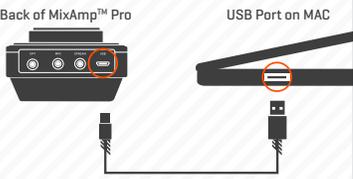
8

That's it! Your A40 + MixAmp™ Pro and PC are set up and ready to game.

ASTRO AUDIO
SUPERIOR
TOURNAMENT
COMPETITIVE

ASTRO GAMING
CONFIDENTIAL 2013
EYES ONLY
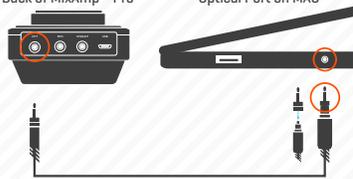010105

SYSTEM CONFIGURATION // MAC

1

Back of MixAmp™ Pro   USB Port on MAC

Plug Micro-USB Cable into MixAmp™ Pro and MAC for power.

2

Back of MixAmp™ Pro   Optical Port on MAC

Attach your 3.5mm Optical Adapter to the Optical Cable provided, plug into MixAmp™ Pro and Mac 3.5mm Optical port.

3

Front of MixAmp™ Pro

Plug Mute Cable into Headset and front of MixAmp™ Pro.

4

Push Up
Mute: Off

Plug your microphone in and ensure that the mute switch is in the off position.

5

MixAmp™ Pro Power Button

*STAND BY   *POWER ON

Power on your MAC first, then your MixAmp™ Pro.

6

PREFERENCES

To enable Game Audio, go to "Settings," select "Sound," then "Output" and choose "Digital Out."

7

PREFERENCES

To enable Voice Chat; go to "Settings," select "Sound," then "Input." Select "ASTRO MixAmp™ Pro."

8

That's it! Your A40 + MixAmp™ Pro and MAC are set up and ready to game.

ASTRO AUDIO
SUPERIOR
TOURNAMENT
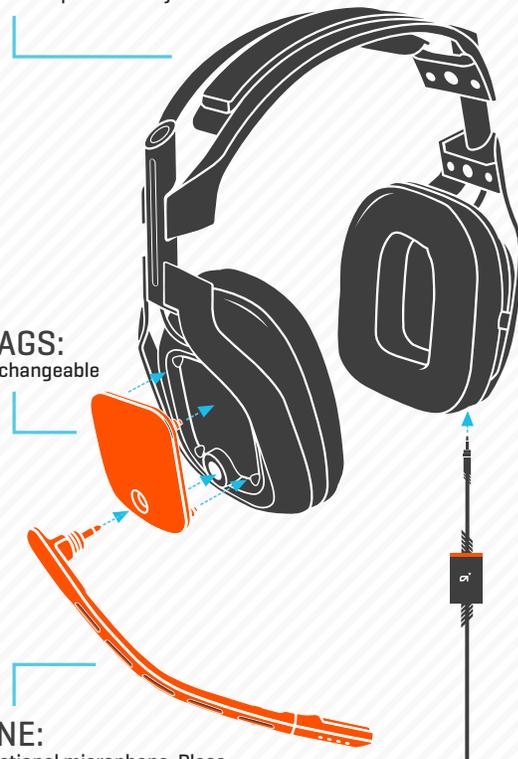COMPETITIVE

ASTRO GAMING
CONFIDENTIAL 2013
EYES ONLY
010105

A40 + MIXAMP™ PRO UI

HEAD BAND:
Gently pull on earpieces to adjust size.

SPEAKER TAGS:
Magnetic and interchangeable

Mute Switch

MICROPHONE:
Detachable unidirectional microphone. Place the speaker-tag with the cut-out on the preferred side and plug in the microphone.

MIXAMP™ PRO UI

Optical In
MP3 In
Stream Out

USB Power / Voice

Headset Port
Xbox LIVE®
Cable Port

Daisy Chain Ports
or PC Mic Out

OPT   MP3   STREAM   USB

Power / Standby

astro

MIN   MAX

Master Volume

Dolby® On / Off

Game / Voice
Balance

EQ Modes

ASTRO GAMING
CONFIDENTIAL 2013
EYES ONLY
010105
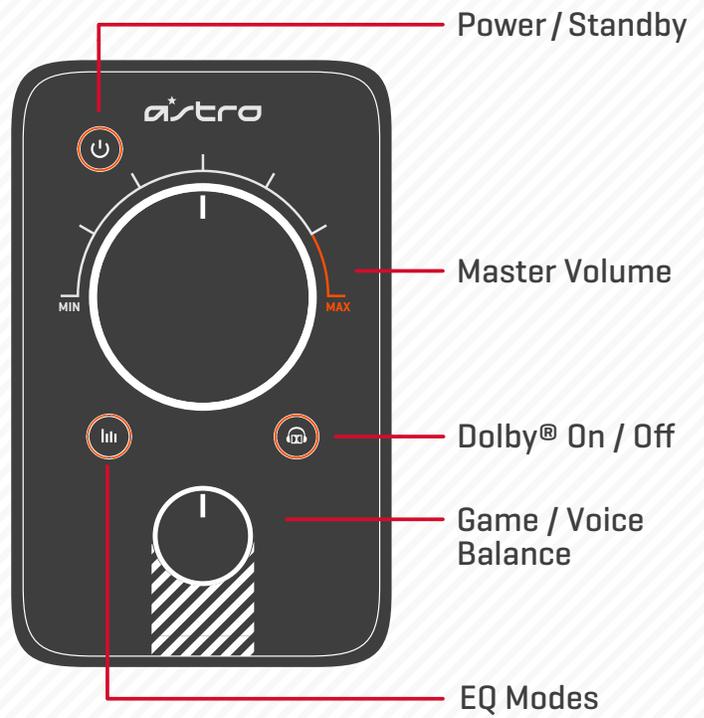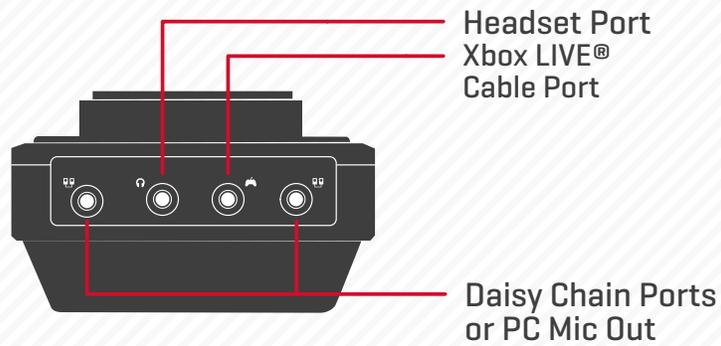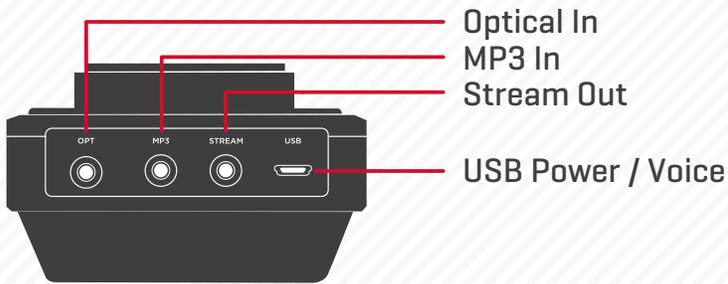
MIXAMP™ PRO UI

Press the Power Button to get out of "standby" mode to fully power on.

Press the EQ Button to cycle through the 4x different audio presets.

○ Pro Mode
○ Media Mode
○ ASTRO Mode
○ Core Mode

ASTRO

MIN   MAX
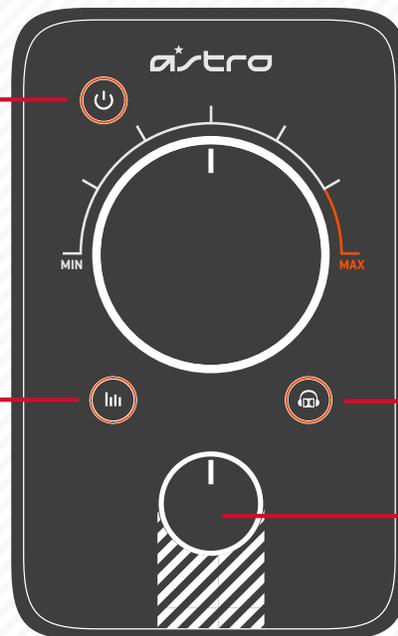
Dolby® Surround Sound processing is on by default. Press the Dolby® Button again to turn it off.

Turn the dial left to hear more game audio and less voice chat, turn the dial right to hear more voice chat and less game audio.

SUPPORT

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/faq

All ASTRO Gaming products come with an automatic 1-year warranty. Registration is not required. If you purchased ASTRO products from a 3rd party retailer, you don't need to register it, but you will need to provide proof of purchase for any warranty claims.

Register ASTRO products here:

http://www.astrogaming.com/register

SPECS:

HEADSET:

Transducer Principle: Dynamic, Open

Frequency Response: 15 - 28,000 Hz

Nominal Impedance: 50 ohm

Weight w/o Cable: 324 g

Characteristic SPL: 104dB

Ear Coupling: Circumaural

Kessel Run Distance: Under 12 Parsecs

Headband Pressure: 2.6 N

Distortion: Less than 0.1%

Connector: 3.5mm mini-stereo and PC Splitter Cable

Mic: 6.0mm Uni-directional Noise Canceling Mic

US Patents #D613,266, #8,139,807, #8,335,335

MIXAMP™ PRO:

Power Supply: Micro-USB

Power Output: 70mW 32 ohm per Channel

Frequency Response: 20 - 20,000 Hz

Inputs (Front): Headset Port, Chat port, Daisy-chain Ports

Inputs (Rear): 3.5mm Optical in, 3.5mm AUX in, USB Power / Voice (Micro-B)

Outputs (Rear): 3.5mm Stream Out

US Patent #8,491,386

ASTRO GAMING
CONFIDENTIAL 2013
EYES ONLY
010185

FCC STATEMENT

Federal Communications Commission (FCC) Statement

NOTE: 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.

The ASTRO A40 Headset is exempt from FCC compliance standards under CFR Title 47, Part 15, Subpart B, para 15.103(g).

CANADA CONFORMITY

INDUSTRY CANADA CONFORMITY STATEMENT / DÉCLARATION DE CONFORMITÉ

D'INDUSTRIE CANADA

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.

CE DECLARATION OF CONFORMITY

Skullcandy, Inc. declares that this product is in compliance with the essential

requirements and other relevant provisions of Directives 2004/108/EC. A copy of the

Declaration of Conformity for this product may be obtained by contacting Skullcandy,

Inc.

Note on environmental protection:

After the implementation of the European Directive 2012/19/EU in the national legal

system, the following applies: Electrical and electronic devices may not be disposed

of with domestic waste. Consumers are obliged by law to return electrical and

electronic devices at the end of their service lives to the public collecting points set

up for this purpose or point of sale. Details to this are defined by the national law of

the respective country. Failure to dispose of electronic devices properly may have

harmful effects on the environment and human health as a result of the presence of

hazardous substances in the products. This symbol on the product, the instruction

manual or the package indicates that a product is subject to these regulations. By

recycling, reusing the materials or other forms of utilizing old devices, you are making

an important contribution to protecting our environment.

ASTRO GAMING
CONFIDENTIAL 2013
EYES ONLY
010185