

COMBAT



HS47 PRO

WIRELESS GAMING HEADSET

USER MANUAL

Introduction

Dominate the game and never let a sound escape you. The ArgomTech COMBAT HS47 PRO Wireless Gaming Headset was built to give you the competitive edge, delivering powerful, immersive audio and crystal-clear voice pick-up no matter the battlefield. Step into every match with confidence, stay locked in with your squad, and hear every move before it happens.

As part of the ArgomTech Gaming Collection, the COMBAT HS47 PRO combines 40mm dynamic drivers, RGB earcup lighting, a detachable boom microphone, and up to 70 hours of wireless battery life into a headset engineered for players who refuse to compromise. Three connection modes give you the freedom to game on any platform, any time.

Built for:

- Competitive and casual gaming on PC, and compatible gaming consoles
- Mobile gaming and wireless audio via BT
- Streaming, content creation, and online voice communication
- Long gaming sessions that demand comfort and performance

What's Included

The ArgomTech COMBAT HS47 PRO includes the following items:

#	Item	Purpose
1.	ArgomTech COMBAT HS47 PRO Gaming Headset	Main unit: over-ear wireless headset with RGB, detachable boom microphone, and built-in controls
2.	2.4 GHz USB Dongle (Two-in-One: USB-A + USB-C Adapter)	Plug-and-play wireless adapter for PC and consoles. The USB-A body includes a detachable USB-C adapter stored on the dongle for use with USB-C only devices
3.	USB-C Charging Cable	Charges the headset's internal 1200 mAh battery via the USB-C port on the left earcup
4.	3.5mm Audio Cable with Inline Remote (USB-C to 3.5mm TRRS)	Braided cable for wired AUX connection. Includes an inline remote with a volume potentiometer dial and a microphone mute button
5.	3.5mm Audio Splitter (Y-Adapter)	Splits the 3.5mm TRRS into two separate TRS plugs: headphone output (green) and microphone input (red). Required for desktop PCs and laptops with separate audio and microphone ports
6.	Foam Windscreen Tip for Detachable Boom Mic)	Optional foam tip for the detachable boom microphone capsule, for additional wind noise and breath pop reduction during use
7.	User Manual	This document

Headset Overview: Controls and Components

Left Earcup

- Power / BT Button: Controls power and connection modes (see Section 5 for full details).
- RGB Button: Double-click the Multi-function button to toggle RGB lighting on/off and cycle through lighting effects.
- Volume Dial: Rotate clockwise to increase volume; counter-clockwise to decrease.
- USB-C Charging Port: Connect the included USB-C cable to charge the internal battery.
- Charging Indicator LED: Shows charging status during power connection.
- 3.5mm AUX Audio Jack: For wired connection using the included 3.5mm audio cable.
- Detachable Boom Microphone Port: Insert or remove the boom microphone here.

Right Earcup

- ArgomTech RGB Logo: Illuminated panel with customizable RGB lighting effects.
- L / R Markings: Left and right indicators are on the underside of each earcup arm for correct orientation when wearing.

Headband & Fit

- Adjustable Headband: Extend or retract both sides independently to fit different head sizes.
- PU Leather Cushion with Red Accent Stitching: Padded headband for extended comfort sessions.
- Rotating Earcups: Both earcups rotate flat for compact storage or travel.
- Memory Foam Ear Pads: PU leather-covered memory foam ear pads for a comfortable, noise-isolating fit.

Detachable Boom Microphone

- Flexible Boom Arm: Bend and adjust to position the microphone capsule approximately 2–3 cm from the corner of your mouth for optimal voice capture.
- To attach, align the connector with the port on the left earcup and press firmly until it clicks into place.
- To detach, grip the base firmly and pull straight out from the earcup.
- Foam Windscreen: The foam cover on the mic capsule reduces breath pops and wind noise. Clean gently with a dry soft cloth only: never wet or press hard. Replace if torn or heavily soiled.

Note: Remove the boom microphone when not needed for a cleaner, everyday listening look.

Note: The COMBAT HS47 PRO does NOT have sidetone (microphone monitoring). You will not hear your own voice through the headset while speaking. This is normal.

2.4 GHz USB Dongle (Two-in-One)

- USB-A Body: Plugs into any standard USB-A port on a PC, laptop, or compatible gaming console.
- Detachable USB-C Adapter: A compact USB-C adapter is attached to the dongle body. Detach it and use it when your device only has USB-C ports (newer laptops, some compatible gaming console ports, etc.).
- When traveling or storing, reattach the USB-C adapter to the dongle body to keep both pieces together and avoid losing the adapter.
- No drivers required. Plug-and-play.. Pre-paired with the headset from the factory.

3.5mm Audio Cable with Inline Remote

- USB-C Connector (Headset End): Plugs into the 3.5mm AUX jack on the left earcup.
- Inline Remote: Volume potentiometer dial for smooth analog volume control, plus a microphone mute button to instantly silence the boom mic during wired use.
- 3.5mm TRRS Plug (Device End): Connects to any device with a standard 3.5mm combined headphone/microphone jack.

3.5mm Audio Splitter (Y-Adapter)

- 3.5mm TRRS Input: Connects to the 3.5mm plug end of the audio cable.
- Green TRS Plug (Headphone Out): Plugs into the headphone/speaker output port on your PC.
- Red TRS Plug (Microphone In): Plugs into the microphone input port on your PC.

Note: The splitter is only needed for desktop PCs or older laptops with two separate 3.5mm ports. If your device has a single combined 3.5mm jack, plug the audio cable directly: no splitter needed.

Charging the Headset

- Connect the included USB-C charging cable to the USB-C charging port on the left earcup.
- Plug the other end into a 5V USB power source (wall adapter, PC USB port, or power bank).
- The charging indicator LED glows red while charging is in progress.
- Charging completes when indicator shows full charge status. Full charge takes approx 4 hours.
- Battery life: up to 70 hours (BT), up to 40 hours (2.4 GHz). RGB lighting reduces battery life.

Note: Charge the headset before first use. Use only a 5V/1A power source. Do not use fast chargers or voltages above 5V: this may damage the battery.

Connection Methods

The COMBAT HS47 PRO supports three connection modes. Choose the one that best fits your device and use case:

Method 1: BT

Best for: smartphones, tablets, compatible gaming consoles, multi-device pairing, everyday listening
BT offers wireless freedom with broad compatibility across virtually any BT-enabled device. It is ideal when low latency is not critical: such as for music, casual gaming, mobile calls, or chat.

How to pair via BT:

- Step 1. Power on the headset by long pressing the Power/BT button for 3 seconds.
- Step 2. Double-click the Power/BT button to switch to Bluetooth mode. The headset enters BT pairing state and the indicator light blinks blue. (Make sure the headset is not connected to a transmitter or other BT device.)
- Step 3. On your device, open BT Settings and search for available devices.
- Step 4. Select "ARG-HS-2847BK" from the list.
- Step 5. Once paired, the blue LED stays solid, confirming an active BT connection.

Note: The COMBAT HS47 PRO supports pairing with multiple BT devices but connects to only ONE device at a time. It remembers paired devices and reconnects automatically on power-on.

To clear BT pairing history:

With the headset on, in Bluetooth mode, press and hold the Power/BT button and the Multi-function button simultaneously for 5 seconds. The pairing will be cleared and the indicator lights will flash blue-green. You will also hear the voice prompt: "Disconnected." Re-pair by following the steps above.

Note: BT may introduce slight audio latency. For competitive gaming where audio sync is critical, use 2.4 GHz dongle mode instead.

Method 2: 2.4 GHz USB Dongle (Low-Latency Wireless)

Best for: PC gaming, and compatible gaming consoles: stable, low-latency wireless with no pairing required

The 2.4 GHz dongle provides a stable, low-latency connection ideal for gaming. The headset and dongle come pre-paired from the factory: simply plug in and play. No drivers, no apps, no setup.

How to connect via 2.4 GHz Dongle: Dongle FCC ID: 2AUGW-HS-2847BK-Dongle

Step 1. Determine which USB port your device has:

- USB-A port (standard rectangular): use the dongle directly.
- USB-C port only: detach the USB-C adapter from the dongle body and insert it into your device's USB-C port.



Step 2. Insert the dongle into your PC, laptop, or compatible gaming console.

- Tip for compatible gaming console: use the front USB-A port for best wireless stability.
- Tip for compatible gaming console (docked): insert the dongle into the USB-A port on the console dock.

Step 3. Power on the headset by long pressing the Power/BT button for 3 seconds.

Step 4. Double-click the Power/BT button to switch to dongle mode. The headset announces "dongle mode" and the indicator light flashes green. Once the dongle is inserted, the headset connects to it automatically, and the green light on the dongle becomes solid.

Setting the headset as your default audio device (Windows PC):

- Right-click the speaker icon in the Windows taskbar → Open Sound Settings.
- Under Output, select the COMBAT HS47 PRO / ARG-HS-2847BK-D as the default playback device.
- Under Input, select the COMBAT HS47 PRO / ARG-HS-2847BK-D as the default recording device.
- On macOS: go to System Settings → Sound → select COMBAT HS47 PRO for both Output and Input.

If the dongle loses its pairing with the headset:

- Step 1. With the headset powered OFF, insert the dongle into your PC.
- Step 2. Long press the Power/BT button on the headset for 8 seconds until the LED flashes rapidly. This resets wireless pairing.

Note: 2.4 GHz wireless operates on the same frequency band as some Wi-Fi routers, microwaves, baby monitors, and other wireless devices. If you experience audio dropouts, move the dongle to a USB port farther from the router, reduce the distance to the headset, or switch to a less congested area.

Warning: 2.4 GHz dongle mode is NOT supported on some gaming consoles. Use BT or wired AUX for unsupported consoles.

Method 3: Wired AUX (3.5mm)

Best for: gaming controllers, compatible gaming console (handheld), smartphones, desktop PCs, and as a backup when battery is depleted.

Wired AUX mode provides a reliable, zero-latency connection. The headset does NOT need to be powered on in this mode: audio passes passively through the cable. Use the inline remote to control volume and mute the microphone.

Scenario A: Single combined 3.5mm jack (smartphones, compatible gaming controllers, compatible gaming console handheld, tablets):

- Step 1. Plug the USB-C end of the audio cable into the 3.5mm AUX port on the left earcup.
- Step 2. Plug the 3.5mm TRRS end directly into the device's headphone jack.
- Step 3. Audio and microphone work immediately. No power needed.
- Step 4. Use the inline remote: rotate the dial to adjust volume; press the button to mute/unmute the mic.

Scenario B: Desktop PC or laptop with separate audio/mic ports:

- Step 1. Plug the USB-C end of the audio cable into the AUX port on the left earcup.
- Step 2. Connect the 3.5mm Audio Splitter to the TRRS plug end of the cable.
- Step 3. Plug the green TRS plug into the green headphone output port on your PC.
- Step 4. Plug the red TRS plug into the red/pink microphone input port on your PC.
- Step 5. Audio and microphone work immediately. No power needed.

Warning: Do NOT use the splitter if your device has a single combined TRRS jack: connect the cable directly. Using the splitter on a combined port will result in no microphone input.

Note: In wired mode the headset can remain powered off. Battery life is completely unaffected.

Switching Between Connection Modes

- Double-click the Power/BT button while powered on to toggle between 2.4 GHz dongle and BT modes.
- The LED indicator changes pattern to reflect the active mode (see Section 8).
- Wired AUX is always available regardless of which wireless mode is active: just connect the cable.

Button Operation Guide

Function	Operation	Notes
Power ON	Long press Power/BT 3 Sec.	LED flashes then turns solid
Power OFF	Long press Power/BT 3 Sec.	LED turns off
Switch 2.4 GHz ↔ BT	Double-click Power/BT (while on)	Toggles between dongle & BT modes
Enter Dongle Mode	Double-click Power/BT (while on)	LED flashes rapidly green
Enter BT Pairing Mode	Double-click Power/BT (while on)	LED flashes rapidly blue: search for "ARG-HS-2847BK"
Clear BT Pairing	Long press Power/BT button & Multi-function button simultaneously for 5 seconds	Clears all saved BT devices
Volume Up	Rotate volume dial clockwise	Inline remote dial also controls volume in wired mode

Volume Down	Rotate volume dial counter-clockwise	
Mic Mute / Unmute (Wireless)	Single press Multi-function button	Voice prompt announces "Mic off" or "Mic on"
Mic Mute / Unmute (Wired)	Press inline remote button	Mutes boom mic in wired AUX mode only
Cycle RGB Effects	Double-click Multi-function button	Cycles through available lighting effects
Toggle RGB ON / OFF	Double-click Multi-function button	Turns RGB lighting fully on or off
Voice Assistant	Triple-press Multi-function button	Activates AI voice assistant (BT mode only)
Sound Effects Mode	Long press Multi-function button for 3 seconds	Switches between Game mode and Music mode
Auto Power-Off	Automatic after ~10 min with no active connection	Powers off to conserve battery; power on again to resume

LED Indicator Reference

LED Pattern / Color		Meaning
Solid Red (while plugged in)		Charging in progress
Solid Blue		Battery fully charged
Red flash every ~30 sec		Low battery: charge soon
LED off (unplugged)		Headset is powered off

Device Compatibility

Connection Mode	Compatible Devices	Notes
BT 5.4	PC, Laptop, Smartphone, Tablet, current-generation gaming consoles, any BT-enabled device	Pairs as "ARG-HS-2847BK". One active connection at a time. Small latency present: not ideal for competitive gaming.
2.4 GHz Dongle	PC / Laptop (USB-A), PC / Laptop (USB-C with adapter), compatible gaming consoles	Pre-paired from factory. Best low-latency option. Some consoles NOT supported.
Wired AUX (3.5mm)	Smartphone, Tablet, compatible gaming controllers, compatible gaming console handheld, PC / Laptop with 3.5mm jack	Use splitter for separate audio/mic ports. No power required.

Warning: Some gaming consoles do not support USB audio dongles. Use BT or wired AUX for unsupported consoles.

Technical Specifications

SKU	ARG-HS-2847BK
Chip Solution	JL7018
Speaker Type	Dynamic
Speaker Size	40 mm
Frequency Response	20 Hz – 20 kHz
Output Power	30 mW × 2
Impedance	32 Ω
Sensitivity	118 ± 3 dB
Microphone Type	Omni-directional (Detachable Boom)
Microphone Size	6.0 × 5.0 mm
Microphone Frequency Response	100 Hz – 10 kHz
Max SPL (Microphone)	110 dB

Dongle FCC ID	2AUGW-HS-2847BK-D
WIRELESS GAMING HEADSET FCC ID	2AUGW-HS-2847BK
Wireless Frequency	2.4 GHz
BT Version	5.4
Dongle Sampling Rate	128 kHz
Headset Sampling Rate	64 kHz
Battery Capacity	3.7V / 1200 mAh Li-ion
Battery Life (BT Mode)	Up to 70 hours
Battery Life (2.4 GHz Mode)	Up to 40 hours
Charging Time	Approx. 4 hours
Charging Input	DC 5V / 1A via USB-C
Dongle Connection	USB-A (with detachable USB-C adapter)
Wired Connection	3.5mm TRRS via included audio cable
Earmuff Material	PU Leather / Memory Foam
Weight	Approx. 315 g (without packaging)
RGB Lighting	Yes: multiple effects, on/off toggle
Operating Temperature	-10°C to 50°C (14°F to 122°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)

Battery Life & Tips

Battery life varies depending on volume level, RGB lighting status, and connection mode:

- BT mode: up to 70 hours
- 2.4 GHz wireless mode: up to 40 hours
- RGB lighting ON reduces battery life: disable RGB for maximum runtime

Tips to maximize battery life:

- Turn off RGB when not needed: this has the biggest impact on battery life.
- Use BT mode when low latency is not critical: it consumes less power than 2.4 GHz.
- Avoid fully depleting the battery to 0% repeatedly. Li-ion cells perform best between 20–80% charge.
- For long-term storage, charge to approximately 50% before putting away.
- Extreme temperatures (below 0°C / above 45°C) degrade battery performance and capacity over time.

Warning: Actual battery life varies based on individual usage. RGB lighting and high volume significantly reduce runtime. ArgomTech does not guarantee a fixed battery duration.

Hearing Health: Safe Listening

Prolonged exposure to high volume levels can cause permanent hearing damage. The ArgomTech COMBAT HS47 PRO is capable of producing sound levels that may harm your hearing if used irresponsibly.

Recommended safe listening guidelines:

- Keep listening volume at or below 60% of maximum for extended sessions.
- Take a 5-minute break every 60 minutes of listening to give your ears time to rest.
- Avoid maximum volume settings, especially in enclosed, quiet environments where you may be tempted to raise the volume further.
- If you experience ringing, muffling, or discomfort in your ears after use, reduce the volume immediately and rest before further use. Consult a healthcare professional if symptoms persist.
- Be mindful of your surroundings: the passive noise isolation of the closed-back earcups reduces ambient sound, which may make it harder to hear important environmental cues.

Warning: Listening at high volumes for extended periods can cause permanent, irreversible hearing loss. Protect your hearing: use at safe volume levels.

13. Safety & Maintenance

13.1 Safety Warnings

- Keep out of reach of children. Small parts (inline remote, splitter, USB-C adapter) present a choking hazard.

- Do not disassemble, modify, or attempt self-repair.
- Stop use immediately if you notice unusual heat, odor, or smoke. Contact ArgomTech support.
- Use only the supplied USB-C cable with a 5V/1A adapter. Do not use fast chargers.
- Do not charge near flammable materials or in extreme temperatures.
- Do not use in environments where wireless electronic devices are restricted (hospitals, aircraft).

13.2 Maintenance

- Wipe earcups and headband with a soft, slightly damp cloth. Do not use alcohol or chemical solvents.
- Clean the microphone windscreen (foam tip) with a dry soft cloth only. Never wet it or press hard. Replace if torn, heavily soiled, or damaged.
- Keep the USB-C charging port and 3.5mm AUX port free of dust and lint. Use a dry toothpick or compressed air if needed.
- Memory foam earcup pads will compress and wear over time with regular use. If comfort decreases noticeably, replacement pads (standard 40mm oval) can be sourced independently.
- Store in a cool, dry location away from direct sunlight and strong magnetic fields.
- Do not fold the headset forcefully. Use the rotating earcup mechanism to lay flat for storage.

Troubleshooting

Issue	Possible Cause	Solution
Headset won't power on	Battery Depleted	Charge for at least 30 min via USB-C, then retry.
"ARG-HS-2847BK" not found in BT list	Not in pairing mode or out of range	Double-click the Power/BT button to switch to BT mode. The headset enters BT pairing state and the indicator light blinks blue. Bring within 1m of the device when pairing.
No 2.4 GHz connection	Dongle not detected or headset out of range	Remove and re-insert dongle. Try a different USB port. Ensure headset is within 10 m. Re-pair if needed (see Section 5).
Audio dropout / interference (2.4 GHz)	Wireless interference from nearby devices	Move dongle away from Wi-Fi router. Avoid areas with many 2.4 GHz devices (microwaves, baby monitors). Reduce distance to headset.
No audio in wired AUX mode	Cable not fully inserted or wrong port config	Ensure cable is seated firmly in the AUX port on the left earcup. For desktop PCs, confirm the splitter is connected and plugged into the correct ports.
Mic not working (wired)	Muted via inline remote / wrong port	Press inline remote button to unmute. For PC, ensure red plug is in the mic input (not the audio output).
Mic not working (wireless)	Boom mic not seated / app settings	Detach and firmly re-insert boom mic until it clicks. In Windows, confirm COMBAT HS47 PRO is set as default recording device.
RGB not working	RGB toggled off	Double-click the Multifunction button to toggle RGB. Double-click again to cycle effects.
Low or distorted audio	Volume too low / interference / wrong default device	Rotate volume dial up. Confirm headset is set as default audio device in OS settings. Move away from 2.4 GHz interference sources.

Short battery life	RGB on, high volume, or older battery	Disable RGB. Reduce volume. If battery life has decreased significantly, the battery may need servicing.
Can't re-pair BT	Saved pairing conflict	Long press the Power/BT button and the Multi-function button simultaneously for 5 seconds to clear BT history. Re-pair from scratch.
Headset auto powers off	Auto power-off after ~10 min idle	Normal behavior. Power on again and reconnect.
One side has no audio	Headset worn backwards	Check L/R markings on the earcup arms. Left earcup has all controls and the boom mic port.

FCC Compliance Statement

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 the receiver.
- Connect the equipment to 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.

Caution: Any changes or modifications to this device not explicitly approved by the manufacturer could void the user's authority to operate the equipment.

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. This equipment should be installed and operated with a minimum distance of **5mm** between the radiator and your body.

Battery & Product Disposal

The ArgomTech COMBAT HS47 PRO contains a rechargeable lithium-ion battery. Do not dispose of this product in regular household trash.

- In the United States: dispose of or recycle this product in accordance with local, state, and federal regulations. Visit call2recycle.org or earth911.com to find the nearest battery or electronics recycling location.
- In Latin America (LATAM): comply with local environmental regulations for electronic waste (RAEE / WEEE). Contact your local municipality or retailer for information on proper disposal or collection programs in your country.
- Do not incinerate, puncture, crush, or expose the battery to fire or extreme heat.
- Do not attempt to remove the internal battery yourself. Contact ArgomTech support if battery replacement is needed.

Warning: Improper disposal of lithium-ion batteries is hazardous to the environment and may be subject to fines under local law. Please recycle responsibly.

Disclaimer

- The ArgomTech COMBAT HS47 PRO is designed for general audio and gaming communication purposes only.
- ArgomTech is not liable for any direct, indirect, incidental, or consequential damages arising from the use or misuse of this product.
- Performance specifications are measured under standard conditions. Results may vary based on environment, device configuration, and usage patterns.
- ArgomTech reserves the right to update product specifications, features, and documentation without prior notice.
- Users are responsible for complying with local laws and regulations when using wireless audio devices.
- ArgomTech does not assume responsibility for damage caused by third-party accessories or unauthorized modifications.

Warranty & Support

ArgomTech provides a 1-year limited warranty for the COMBAT HS47 PRO from the date of original purchase. If the product is found defective in materials or workmanship during the warranty period, ArgomTech will repair or replace it at no charge.

Warranty Exclusions

The following are NOT covered:

- A. Damage caused by accidents, misuse, drops, or human error
- B. Unauthorized disassembly, repairs, or modifications
- C. Damage from connection with incompatible equipment
- D. Normal wear and tear (earcup pads, headband cushion, cable)
- E. Damage caused by force majeure events (floods, earthquakes, lightning)

Customer Support & Warranty Service:

- Website: www.argomtech.com
- Support: support.argomtech.com
- Please have your proof of purchase available when requesting warranty service.

For additional details, refer to ArgomTech's full Warranty Policy available at argomtech.com

COMBAT



HS47 PRO

AURICULARES INALÁMBRICOS PARA GAMING

GUÍA DEL USUARIO

Introducción

Domina el juego y no dejes escapar ni un sonido. El COMBAT HS47 PRO de ArgomTech fue diseñado para darte la ventaja competitiva que necesitas, con audio potente e inmersivo y una captación de voz nítida que te mantendrá siempre conectado con tu equipo. Entra a cada partida con confianza, mantente coordinado con tus aliados y escucha cada movimiento del enemigo antes de que sea demasiado tarde.

Como parte de la Colección Gaming de ArgomTech, el COMBAT HS47 PRO combina controladores dinámicos de 40 mm, iluminación RGB, micrófono boom desmontable y hasta 70 horas de batería inalámbrica en un auricular diseñado para jugadores que no aceptan compromisos. Tres modos de conexión te dan la libertad de jugar en cualquier plataforma, en cualquier momento.

Diseñado para:

- Gaming competitivo y casual en PC y consolas de videojuegos compatibles
- Gaming móvil y audio inalámbrico por BT
- Streaming, creación de contenido y comunicación de voz en línea
- Sesiones de juego largas que exigen comodidad y rendimiento

Contenido incluido

El ArgomTech COMBAT HS47 PRO incluye los siguientes elementos:

#	Artículo	Para qué sirve
1.	Auriculares Gaming ArgomTech COMBAT HS47 PRO	Unidad principal: auriculares over-ear inalámbricos con RGB, micrófono boom desmontable y controles integrados
2.	Dongle USB 2.4 GHz (Dos en uno: USB-A + adaptador USB-C)	Adaptador inalámbrico plug-and-play para PC y consolas. El cuerpo USB-A incluye un adaptador USB-C desmontable para dispositivos con solo puerto USB-C
3.	Cable de carga USB-C	Carga la batería interna de 1200 mAh del auricular a través del puerto USB-C del auricular izquierdo
4.	Cable de audio 3.5mm con mando en línea (USB-C a TRRS 3.5mm)	Cable trenzado para conexión AUX cableada. Incluye mando en línea con dial potenciómetro de volumen y botón de silencio del micrófono
5.	Divisor de audio 3.5mm (Adaptador Y)	Divide la conexión TRRS de 3.5mm en dos plugs TRS separados: salida de auriculares (verde) y entrada de micrófono (rojo). Necesario para PCs con puertos separados de audio y micrófono
6.	Punta de espuma (para micrófono boom desmontable)	Punta de espuma opcional para la cápsula del micrófono boom desmontable, para reducción adicional de ruido de viento y ruidos de respiración durante el uso
7.	Manual de usuario	Este documento

Descripción del auricular: Controles y componentes

Auricular izquierdo

- Botón de encendido / BT: Controla el encendido y los modos de conexión (ver Sección 5).
- Iluminación RGB: Doble clic en el botón multifunción para activar/desactivar la iluminación RGB y cambiar entre efectos de iluminación.
- Dial de volumen: Gira en sentido horario para subir; antihorario para bajar.
- Puerto de carga USB-C: Conecta el cable USB-C incluido para cargar la batería interna.
- LED indicador de carga: Rojo durante la carga; se apaga al completarse.
- Jack de audio AUX 3.5mm: Para conexión cableada con el cable de audio incluido.
- Puerto del micrófono boom desmontable: Inserta o retira el micrófono boom aquí.

Auricular derecho

- Logo RGB de ArgomTech: Panel iluminado con efectos RGB personalizables.
- Marcas L / R: Indicadores izquierdo y derecho en la parte inferior del brazo de cada copa para orientación correcta.

Diadema y ajuste

- Diadema ajustable: Extiende o recoge ambos lados de forma independiente.
- Cojín de cuero PU con costura roja: Acolchado para mayor comodidad en sesiones largas.
- Copas giratorias: Ambas copas giran para guardarse o transportarse de forma compacta.
- Almohadillas de espuma de memoria: Cuero PU sobre espuma de memoria para ajuste cómodo y aislante.

Microfono boom desmontable

- Brazo flexible: Ajusta y dobla para posicionar el micrófono a aprox. 2–3 cm de la comisura de tu boca.
- Para conectar, alinea el conector con el puerto del auricular izquierdo y presiónalo hasta que encaje.
- Para desconectar, sujeta la base firmemente y jala en línea recta.
- Parabrisas de espuma: Cubre la cápsula del micrófono y reduce ruidos de respiración. Límpialo solo con un paño suave y seco. Reemplaza si está rasgado o muy sucio.

Nota: Retira el micrófono boom cuando no lo necesites para un look más limpio.

Nota: El COMBAT HS47 PRO NO tiene sidetone (monitoreo de micrófono). No escucharás tu propia voz a través del auricular mientras hablas. Esto es normal.

Dongle USB 2.4 GHz (Dos en uno)

- Cuerpo USB-A: Se conecta a cualquier puerto USB-A estándar en un PC, laptop, o consola de videojuegos compatible.
- Adaptador USB-C desmontable: Desconéctalo e insértalo en el puerto USB-C de tu dispositivo cuando no dispongas de USB-A.
- Al viajar o guardar, vuelve a colocar el adaptador USB-C en el cuerpo del dongle para mantenerlos juntos y no perder el adaptador.
- Sin controladores. Plug-and-play. Emparejado de fábrica con el auricular.

Cable de audio 3.5mm con mando en línea

- Conector USB-C (extremo del auricular): Se conecta al jack AUX de 3.5mm del auricular izquierdo.
- Mando en línea: Dial potenciómetro de volumen y botón de silencio del micrófono boom.
- Plug TRRS de 3.5mm (extremo del dispositivo): Se conecta a cualquier dispositivo con jack combinado de 3.5mm.

Divisor de audio 3.5mm (Adaptador Y)

- Entrada TRRS de 3.5mm: Se conecta al extremo de 3.5mm del cable de audio.
- Plug TRS verde (Salida de auriculares): Se conecta al puerto de salida de audio del PC.
- Plug TRS rojo (Entrada de micrófono): Se conecta al puerto de entrada del micrófono del PC.

Nota: El divisor solo es necesario para PCs con dos puertos de 3.5mm separados. Si tu dispositivo tiene un solo jack combinado, conecta el cable directamente sin el divisor.

Carga del auricular

- Conecta el cable USB-C al puerto de carga del auricular izquierdo.
- Conecta el otro extremo a una fuente USB de 5V.
- El LED indicador muestra el estado de carga durante la conexión de alimentación.
- La carga se completa cuando el indicador muestra el estado de carga completa (aprox. 4 horas).
- Duración: hasta 70 horas (BT), hasta 40 horas (2.4 GHz). El RGB reduce la duración.

Warning: Carga el auricular antes del primer uso. Usa solo una fuente de 5V/1A. No uses cargadores rápidos ni voltajes superiores a 5V.

Métodos de conexión

El COMBAT HS47 PRO admite tres métodos de conexión. Elige el más adecuado para tu dispositivo y uso:

Método 1: BT

Ideal para: smartphones, tablets, consolas de videojuegos compatibles, múltiples dispositivos, escucha cotidiana

BT ofrece libertad inalámbrica con amplia compatibilidad. Ideal cuando la latencia baja no es crítica: música, gaming casual, llamadas o chat.

Cómo emparejar por BT:

- Paso 1. Enciende el auricular manteniendo presionado el botón de encendido/BT durante 3 segundos.
- Paso 2. Haga doble clic en el botón Power/BT para cambiar al modo BT. El audífono entra en estado de emparejamiento BT y el indicador luminoso parpadea en azul. (Asegúrese de que el audífono no esté conectado a un transmisor u otro dispositivo BT.)
- Paso 3. En tu dispositivo, abre Configuración de BT y busca dispositivos.
- Paso 4. Selecciona "ARG-HS-2847BK" de la lista.
- Paso 5. Una vez emparejado, el LED azul permanece encendido de forma fija, confirmando una conexión BT activa.

Nota: El COMBAT HS47 PRO puede emparejarse con múltiples dispositivos BT, pero solo se conecta a UNO a la vez. Recuerda los dispositivos emparejados y se reconecta automáticamente al encenderse.

Para borrar el historial de emparejamiento BT:

Con el audífono encendido, en modo BT, mantenga presionados el botón Power/BT y el botón multifunción simultáneamente durante 5 segundos. El emparejamiento se borrará y los indicadores luminosos parpadearán en azul y verde. También escuchará el aviso de voz: "Disconnected". Vuelva a emparejar siguiendo los pasos anteriores.

Alerta: El modo BT puede introducir una pequeña latencia de audio. Para gaming competitivo, usa el modo dongle 2.4 GHz.

Método 2: Dongle USB 2.4 GHz (Inalámbrico de baja latencia)

Ideal para: gaming en PC, y consolas de videojuegos compatibles: inalámbrico estable y de baja latencia sin necesidad de emparejamiento

El modo dongle 2.4 GHz proporciona una conexión estable de baja latencia ideal para gaming. El auricular y el dongle vienen emparejados de fábrica. Sin controladores, sin aplicaciones, sin configuración.

□□Dongle FCC ID: 2AUGW-HS-2847BK-D□□□□□□□□□□

Cómo conectar con el dongle 2.4 GHz: □□□□□□□□

Paso 1. Determina qué tipo de puerto USB tiene tu dispositivo:

- Puerto USB-A (rectangular): usa el dongle directamente.
- Solo USB-C: desconecta el adaptador USB-C del dongle e insértalo en el puerto USB-C del dispositivo.

Paso 2. Inserta el dongle en tu PC, laptop o consola de videojuegos compatible.

- Consejo para consolas compatibles: usa el puerto USB-A frontal para mayor estabilidad inalámbrica.
- Consejo para consola de videojuegos compatible (dock): inserta el dongle en el puerto USB-A del dock de la consola.

Paso 3. Enciende el auricular manteniendo presionado el botón de encendido/BT durante 3 segundos.

Paso 4. Haga doble clic en el botón Power/BT para cambiar al modo dongle. El audífono anuncia "dongle mode" y el indicador luminoso parpadea en verde. Una vez insertado el dongle, el audífono se conecta automáticamente a él, y la luz verde del dongle se mantiene fija.

Configurar como dispositivo de audio predeterminado (PC con Windows):

- Clic derecho en el ícono de sonido en la barra de tareas → Abrir Configuración de sonido.
- En Salida, selecciona COMBAT HS47 PRO / ARG-HS-2847BK como dispositivo de reproducción predeterminado.
- En Entrada, selecciona COMBAT HS47 PRO / ARG-HS-2847BK como dispositivo de grabación predeterminado.
- En macOS: ve a Configuración del sistema → Sonido → selecciona COMBAT HS47 PRO para Salida y Entrada.



Si el dongle pierde el emparejamiento con el auricular:

Paso 1. Con el auricular APAGADO, inserta el dongle en el PC.

Paso 2. Mantén presionado el botón de encendido/BT del auricular durante 8 segundos hasta que el LED parpadee rápidamente. Esto restablece el emparejamiento inalámbrico.

Nota: El 2.4 GHz opera en la misma banda de frecuencia que algunos routers Wi-Fi, microondas, monitores de bebé y otros dispositivos inalámbricos. Si experimentas cortes de audio, aleja el dongle del router, reduce la distancia al auricular o aléjate de fuentes de interferencia.

Alerta: El modo dongle 2.4 GHz NO es compatible con algunas consolas de videojuegos. Usa BT o AUX cableado para las consolas no compatibles.

Método 3: AUX cableado (3.5mm)

Ideal para: mandos de PS/Xbox, Nintendo Switch portátil, smartphones, PCs de escritorio, y como respaldo cuando la batería está agotada

El modo AUX cableado proporciona una conexión confiable de latencia cero. El auricular NO necesita estar encendido en este modo. Usa el mando en línea para controlar el volumen y silenciar el micrófono.

Escenario A: Jack combinado de 3.5mm (smartphones, mandos de consolas compatibles, consola de videojuegos compatible portátil):

- Paso 1. Conecta el extremo USB-C del cable al jack AUX del auricular izquierdo.
- Paso 2. Conecta el extremo TRRS de 3.5mm directamente al jack del dispositivo.
- Paso 3. El audio y el micrófono funcionan de inmediato. No se requiere encender el auricular.
- Paso 4. Usa el mando en línea: gira el dial para ajustar el volumen; presiona el botón para silenciar/activar el micrófono.

Escenario B: PC de escritorio o laptop con puertos separados de audio y micrófono:

- Paso 1. Conecta el extremo USB-C del cable al jack AUX del auricular.
- Paso 2. Conecta el Divisor de Audio al extremo TRRS del cable.
- Paso 3. Conecta el plug TRS verde al puerto verde de salida de audio del PC.
- Paso 4. Conecta el plug TRS rojo al puerto rojo/rosa de entrada del micrófono del PC.
- Paso 5. El audio y el micrófono funcionan de inmediato. No se requiere encender el auricular.

Alerta: NO uses el divisor si tu dispositivo tiene un solo jack TRRS combinado: conecta el cable directamente. Usar el divisor en un puerto combinado resultará en que el micrófono no funcione.

Nota: En modo cableado el auricular puede estar apagado. La duración de la batería no se ve afectada.

Cambio entre modos de conexión

- Doble clic en el botón de encendido/BT mientras el auricular está encendido para alternar entre los modos 2.4 GHz y BT.
- El patrón del LED cambiará para reflejar el modo activo (ver Sección 8).
- El modo AUX cableado siempre está disponible independientemente del modo inalámbrico activo.

Guía de operación de botones

Función	Operación	Notas
Encender	Mantener presionado el botón Power/BT durante 3 segundos	El LED parpadea y luego queda fijo
Apagar	Mantener presionado el botón Power/BT durante 3 segundos	El LED se apaga
Cambiar 2.4 GHz ↔ BT	Doble clic en el botón Power/BT (encendido)	Alterna entre modo dongle y BT
Entrar en Modo Dongle	Doble clic en el botón Power/BT (encendido)	El LED parpadea rápidamente en verde

Entrar en Modo de Emparejamiento BT	Doble clic en el botón Power/BT (encendido)	El LED parpadea rápidamente en azul; buscar "ARG-HS-2847BK"
Borrar Emparejamiento BT	Mantener presionados el botón Power/BT y el botón multifunción al mismo tiempo durante 5 segundos	Borra todos los dispositivos BT guardados
Subir volumen	Girar dial en sentido horario	El dial del mando en línea también controla el volumen en modo AUX
Bajar volumen	Girar dial en sentido antihorario	
Silenciar / Activar Micrófono (Inalámbrico)	Presión única del botón multifunción	Aviso de voz que indica "Mic off" o "Mic on"
Silenciar / activar mic (cableado)	Presionar el botón del control en línea	Silencia el mic en modo AUX cableado
Cambiar Efectos RGB	Doble clic en el botón multifunción	Recorre los efectos de iluminación disponibles
Activar / Desactivar RGB	Doble clic en el botón multifunción	Enciende o apaga completamente la iluminación RGB
Asistente de Voz	Triple clic en el botón multifunción	Activa el asistente de voz IA (solo en modo BT)
Modo de Efectos de Sonido	Mantener presionado el botón multifunción durante 3 seg	Alterna entre Modo Juego y Modo Música
Apagado Automático	Automático después de aproximadamente 10 minutos sin conexión activa	Se apaga para ahorrar batería; encender nuevamente para continuar

Guía rápida de indicadores LED

Patrón LED / Color	Significado
Rojo fijo (enchufado)	Carga en progreso
Azul fijo	Batería completamente cargada
Parpadeo rojo cada ~30 seg	Batería baja: carga pronto
LED apagado (desenchufado)	Auricular apagado

Compatibilidad de dispositivos

Modo de conexión	Dispositivos Compatibles	Notas
BT 5.4	PC, Laptop, Smartphone, Tablet, consolas de videojuegos de última generación, cualquier dispositivo BT	Empareja como "ARG-HS-2847BK". Una sola conexión activa a la vez. Pequeña latencia: no ideal para gaming competitivo.
Dongle 2.4 GHz	PC / Laptop (USB-A), PC / Laptop (USB-C con adaptador), consolas de videojuegos compatibles	Emparejado de fábrica. Mejor latencia. Algunas consolas NO compatibles.
AUX cableado (3.5mm)	Smartphone, Tablet, Mandos de consolas compatibles, Consola de videojuegos compatible portátil, PC / Laptop con jack 3.5mm	Usa el divisor para puertos separados. Funciona sin encender el auricular.

Alerta: Algunas consolas de videojuegos no admiten dongles de audio USB. Usa BT o AUX cableado para las consolas no compatibles