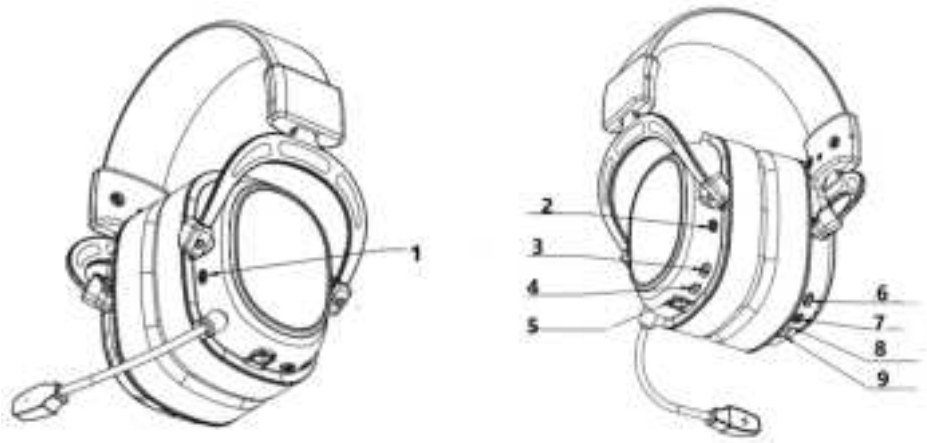
H828 2.4G Wireless gaming headset

Operation instruction

GAEA headset button instructions



1、Microphone button
2、Backlight switch button
3、Volume + button
4、Volume- button
5、3.5mm port
6、7.1 mode switch button
7、Power button
8、Indicator LED
9、Charging port

Contents in package

A,Hades Headset ----------1PCS
B,Transmitter ----------1PCS
C,Two way 3.5mm cable ----------1PCS
D,Type-C to USB cable ---------- 1PCS

Turn ON/OFF the headset

Long press the power button for about 5 seconds to turn it on, and the blue indicator will turn on,press it again to turn off.
Short press to switch the backlighting mode

Features

Bidirectional transmission system, 48K/16bit sampling rate
Unique virtual surround sounds mode,
Low latency<25ms
2.4G band, and it also apply in every other country
Adaptive frequency hopping technology，Friendly coexistence with WiFi and other wireless devices
Support 3.5 audio converter cable connection

How to pair

Plug the transmitter into the computer, and the light of the transmitter will continue to flash, then turn on the headset and long press the microphone key with five seconds, headset will searching the device, pairing indicator will flash quickly, the LED will be light on after pair successful.

The function of microphone button

Short press of the microphone button can turn the mic on or off .

Audio socket (3.5mm port)

Use the two-way single 3.5 audio converter cable, one of the 3.5 pins to connect the headphones audio socket, can be converted into a single 3.5 earphone for use.

TYPE - C socket (Charging port)

You can use type-C cable to charge your headphones.

Type C to USB cable function

Use USB to transfer type-C data cable, connect one headset type-C interface and one headset to the computer, and then update the headset program.

Headset indication Tone

It will have indication while turn on /off the headset(once), turn on (twice)/off(once) the microphone, low power (once in a minute).

Virtual 7.1 sound button

Short press the 7.1 key to turn ON/OFF the Virtual 7.1 sound.

Smart power saving mode

10 minute automatic sleep without music，5 minute automatic sleep without connection。

Low power mode

When the battery power supply voltage is less than 3.35V, indication tone will beep one time every one minute. After 20 minutes, the headset will turn off.

Electrical characteristics

Standard: 2.4G
Product type:2403-2477MHz (ISM BAND)
RF Range: 10M（without blocked）
Charging Voltage: DC 5V 500mA
Charging Time: around 3h
Battery Capacity: （1200mA/h 3.7V 103040）
Rated Voltage: 3.7V
Standby Time: around 20h

Speaker specification

Loading Impedance: 64±15% OHMS (F=1KHz)
Out Sound Pressure Lever (S.P.L) : 111dB±3dB At 1KHz /0.179V /1mW
Frequency Response: 20~20KHz (at 1KHz Output S.P.L ±10dB)
Total Harmonic Distortion: ≦ 5%
Drive Unit Dimensions:Φ53mm * 10 mm(H)
Power Rating: Normal: 10mW; Maximum: 20mW
Buzz & Rating: Sine Wave: 0.89V (Must Be Normal)
Load Test: Normal 10mW 48Hours (White noise)
Magnet: (NdFeB)
Polarity: Diaphragm Shall Move Forward While Apply a Positive DC Current To the “+” or “Marked” Terminal

Microphone specification

Drive Unit Dimensions: φ6mm * 2.7mm(H)
Sensitivity: -38±3 dB (0dB=1V/Pa.1KHz)
Directivity: Omnidirectional
Output Impedance: 2.2KOHMS
Frequency Response: 100~10000Hz (at 1KHz ±3dB)
Total Harmonic Distortion: ≦ 5%
Operating Voltage: DC 1.0V~10V
Standard Operating Voltage: DC 2.0V

Current Consumption: Max 0.5mA
S/N Ratio: 60dB or More
Maximum input S.P.L: 100dB

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 device 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 device 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 device does cause harmful interference to radio or television reception, which can be determined by turning the device 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 device and receiver.
--Connect the device 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

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment