

IRIVER

Bluetooth Headphone AMP

XB10

Astell&Kern

INSTRUCTION BOOK

IRIVER | www.iriver.co.kr

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What's Inside

ENGLISH

The items listed herein are subject to change without prior notice for the purpose of performance improvement or due to the manufacturer's circumstance.



XB10



**Detachable
clip**



**Warranty &
Instruction
Manual**



**Micro-USB
Cable**

Mounting the Clip

1. Please remove the rubber cover on the bottom of the product.



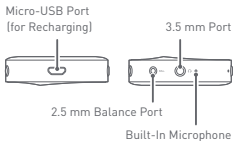
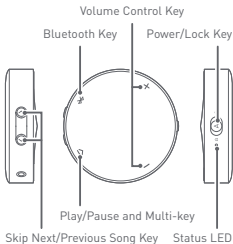
2. Please insert one side of the clip first and then do the same with the other side.



3. Push the two sides slightly for a snug fit.



Overall Structure



Skip Next/Previous Song Key

Replays the next/previous song.

Power Key

To the right: You can turn the device on/off by pushing the key to the right side for about 3 seconds.

To the left: You can lock all keys by pushing the key to the left side.

Volume Control Key

You can control the volume by using the [+]/[-] keys.

Bluetooth Key

You can pair this device with other devices equipped with Bluetooth functionality.

Play/Pause and Multi-key

You can replay or pause music and turn on/off the DCT mode in the middle of replaying music.

Status LED

You can check power on/off, Bluetooth pairing, DCT mode on/off, recharging status through the LED indicator light.

Earphone Jack

You can listen to music by connecting with a general-purpose 3.5-mm earphone or headphone.

Balance Port

You can listen to music by connecting with an earphone or headphone that support the balance cable (2.5 mm).

Micro USB connector (only charging)

Connect the device with 5V 2A adapter (sold separately) or PC using Micro USB cable. Charging starts.

Built-In Microphone

Supports phone call functionality.

Turning the Device On/Off

1. Push the power key on the side of the device to the right for 3 seconds and you will hear a beep sound and see a blue light on the indicator before the power is on.
2. Push the power key on the side of the device to the right for 3 seconds while the device's power is on and you will hear a beep sound and see a red light on the indicator before the power is off.

Bluetooth Pairing

Qualcomm® aptX™ / Qualcomm® aptX™ HD audio

The XB10 supports Qualcomm® aptX™ and Qualcomm® aptX™ HD audio codec standards. Qualcomm® aptX™ and Qualcomm® aptX™ HD audio codecs only work on smartphones and audio devices that support the technology.

1. You can turn on the power by pushing the power key on the side of the device to the right for 3 seconds.
2. Press the Bluetooth key for 3 seconds and you will hear a beep sound and see flashing blue and red lights alternately before pairing is ready.
3. Turn on Bluetooth of the device with which you want to connect.
4. Select this device on the list of devices available for Bluetooth connection for pairing.
 - Setting up iOS>Bluetooth>Select "XB10"
 - Setting up Android>Bluetooth>Select "XB10"

5. Once pairing is completed, you will hear a beep sound and see a flashing blue light on the indicator with an interval of 3 seconds. You can replay music from a device connected through Bluetooth.
6. Press and hold the [] key while paired to switch to pairing standby mode for connection with other devices.

-
- ! When connected first time the device goes directly to the pairing mode immediately after the power is turned on.
 - ! The Bluetooth key will be disabled when music is replayed or you are talking on the phone.
 - ! For instructions on how to pair this product with your device, please refer to Bluetooth pairing instructions on each device.
 - ! The XB10 automatically reconnects to the last connected device. If the last device is not automatic reconnected, find the XB10 from the desired device to establish a connection.
 - ! During playback, long press action on [< / >] key may not function properly depending on the specifications of the device to use.

Multi pairing

1. Have two devices (A&B) for multi pairing ready.
2. Connect the first device (A) and XB10.
3. Press the Bluetooth key to enter the pairing mode. (At this time, A that is paired will be disconnected.)
4. Connect XB10 and the second device (B).
5. Select XB10 from the Bluetooth items of A that was connected first.
6. Pair XB10 with both A and B.

! Multi pairing supports up to two devices.

! When two devices are multi-paired, you must stop playing music from one device before you play music on the other.

Listening to Music

- Press the [I>] key once lightly. Press the [I>] key once while the music is played. If you want to start replaying again, press it again.
 - When replaying music first time, you may have to activate the music player of the device to which this product is connected.
- To play previous/next song, press the [<]/[>] key briefly.
- To fast-forward or rewind, press the [<]/[>] key at length.
- You can adjust the volume by pressing the [+]/[-] key while replaying.
 - You can hear a beep sound when you control the volume and you reach a minimum/maximum volume level.
- Press and hold the [+/-] key to adjust the volume in increments.

- Press the [>] key for 4 seconds and you can hear a beep sound with blue and green alternating lights before the DCT mode is turned on.

Press the [>] key for 4 seconds when the DCT mode is on and you can hear a beep sound before the DCT mode is turned off.

! The XB10 supports Distinctive Clear Technology (DCT), a digital noise removal technology, so that you can enjoy clearer and crisper sound.

! The DCT mode is operational only when music is played.

! CAUTION

Please do not keep higher volume for a long time in order to avoid any possible damage to your ears. For your safety, do not use this product while driving or cycling. It may cause hazard due to sound insulation.

Talking on the Phone

1. Once the phone rings, you can take the call by pressing the [>] key in the product.
 - You can reject an incoming phone call by pressing the [>] key for 3 seconds.
2. While talking on the phone, you can hang up by pressing the [>] key.
3. When making a phone call, you can cancel the call by pressing the [>] key.

Resetting

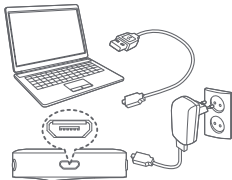
1. If you experience a malfunction or freeze, you can reset the system by pushing the power key on the side to the right for 8 seconds.

Lock

1. If you push the power/lock key on the side to the left, all keys would be locked. If you push the key to the opposite side, all keys would be unlocked. With this lock, you can keep keys from being operated accidentally.

Recharging

1. You can recharge the product by inserting a Micro USB cable that comes with the package in the USB port located on its side. The indicator shows a red light if it is being recharged and it shows a blue light if it is fully charged.
 - If the battery power remains below 10 percent, a red light will flash on all operational modes with a beeping sound.



! In some devices, you can find out the remaining battery power on the upper-side bar together with Bluetooth indication.

Status Indicator Light

Power on

The light turns blue and then flashes

Power off

Flashing red light

Bluetooth connection standby

Blue light flashing twice every 2 seconds
(status not connecting with the master)

Pairing standby

Blue and red light flashing alternately
(status connection with the master available)

Pairing complete

Blue light flashing once every 3 seconds
(status fully connected with the master)

Music replaying state

DCT off Blue light flashing once every 5 seconds
DCT on Blue and green light flashing
alternately once every 5 seconds

Phone calling status

Blue light flashing once every 5 seconds

Status of a call incoming

Blue light flashing once every 0.5 second

Status of a call outgoing

Blue light flashing once every 0.5 second

Charging

Red light on

Charging completed

Blue light on

Low battery

Red light on during all operating conditions

- ! If you keep pressing the XB10 Bluetooth key for 2 seconds on Bluetooth connection standby or pairing completed with the master, you can change it to pairing standby and connect with another device.
- ! Since rechargeable batteries are consumables, they may not last as long as indicated depending on operating environment, and battery life may be gradually reduced.
- ! Bluetooth operating distances vary with the usage environment.
- ! The use of this device with products other than the specified compatible AK products may cause malfunctions.

Specifications

Product Name	AK XB10
Bluetooth Version	Bluetooth 4.1, Class2
Bluetooth Profile	A2DP (multi), AVRCP, HFP, HSP
Frequency Band	2.4 - 2.4835 GHz ISM Band
Receiver Sensitivity	-90dBm@0.1%BER (typical)
Slide Key	Power/Lock
Button Key	Pairing, Fast Forward, Rewind, Play/Pause, Volume Up, Volume Down
Audio Codec	SBC, AAC, aptX, aptX HD
Audio Port	2.5-mm Balanced, 3.5-mm Unbalanced
Size	Ø50 x 12.3 mm (thickness) (circular)
Weight	Approx. 23g
Battery Type	3.7V 350mAh lithium polymer rechargeable battery
Charging Method	Micro USB 5 Pin (5V 2A)
Hours of Operation	Approximately 5 hours for music playing and phone calls
Standby Time	Up to 300 hours
Charging Time	Approximately 2 hours
Range	Maximum of 10 meters
Operating Temperature	-10°C - 45°C [23°F - 113°F]
Certifications	KC, FCC, CE, SRRC, BT SIG

Troubleshooting

1. The device won't turn on.
 - Please check whether the power adaptor is connected properly.
 - Please check whether the device is charged.
 - Charge with 5V 2A output adapter.
 - We recommend the use of the Micro USB cable that comes with the package.
2. No sound comes out except static and noise.
 - Please check whether the volume set at [0].
 - Please check whether the earphones are plugged in properly, and make sure dust isn't obstructing the port connection.
 - Please check the volume of the device to which it is connected.
 - Please make sure that the music file is not corrupted.
 - Please check whether Bluetooth pairing is properly made.
 - Please find out whether there is any device causing frequency interference nearby.
 - Please find the best signal receiving location by moving the device slowly.
3. Bluetooth connection is not made.
 - Please maintain the distance between the product with a Bluetooth device (maximum signal receiving distance is 10 meters)

Precautions

- Do not put heavy objects on the product.
- If the product gets wet from rain (water), beverage, liquid medicine, sweat or moisture, never turn it on. Wipe it with dry cloth, and get it checked at the nearest iriver service center (Water-damaged devices may not be available for free repair regardless of warranty status).
- Avoid places with excessive moisture, dust, or smoke.
- Never disassemble, repair or alter the product.
- Avoid exposing the device to direct sunlight or extreme temperatures.
- Do not keep the product next to strongly magnetic objects like magnets, TVs, monitors and speakers.
- As chemicals or detergents change the surface of the product and removes the paint, never use them.
- Do not drop the product or give a strong shock to the product (places where there is strong vibration. etc.).
- Do not press two or more keys at the same time.

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Qualcomm® aptX™ HD audio is a product of Qualcomm Technologies International, Ltd.

Disclaimers

The manufacturer, importer, and distributor shall not be liable for damages including accidental and personal injury due to the improper use or operation of this product. The information in this user manual was written based on current product specifications.

The manufacturer, iriver Limited, is adding new complementary features and will continue to apply new technologies in the future.

All specifications may be changed without prior notice. There is no warranty against data loss due to the use of this product.

FCC Information

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.

FCC notification to users

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 when the equipment is operated in a commercial environment. 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, the user is encouraged to try to correct the interference by consulting with a dealer or an experienced technician for technical assistance.

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

Limited Warranty Statement

EUROPE **ENGLISH**

THIS WARRANTY CARD IS VALID ONLY FOR SERVICE ON PRODUCTS PURCHASED IN EU AND NON-EU EUROPEAN COUNTRIES.

For other countries, please contact the Store/ Dealer where purchased.

Thank you for purchasing an iriver product. All iriver products come with one-year limited warranty against defects in materials and workmanship from the original date of purchase from an authorized agent.

iriver's warranty covers only those defects which arise as a result of normal use of the product. And the customer shall NOT have any claim under this warranty for repair or adjustment expenses if;

1. The product is repaired or altered unless done or approved by iriver.
2. The problem is caused by using in violation of any operating or handling instructions provided by iriver.
3. The problem is caused by unusual physical or electrical stress, misuse, abuse, power shortage, or negligence.
4. The problem is caused by a fire or other natural calamity.
5. The *warranty period has expired.

Warranty Period

Iriver product	Duration of Limited Warranty
EU Countries	
Player console	1 Year
Accessories	90 Days
Refund or Exchange	30 Days
Non-EU Countries	
Player console	1 Year
Accessories	90 Days
Refund or Exchange	30 Days

If you have any problems or suggestions with this product, please contact one of the following.

URL: <http://www.iriver.com>

e-mail: webmaster@iriver.com

Limited Warranty Statement

NORTH AMERICA **ENGLISH**

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