

## HI-FI USB DUAL DAC AMPLIFIER CABLE / AK HC2

연결하시는 기기에 따라 최초 볼륨이 최대로 출력 되도록 설정 되어 있을 수 있습니다. 반드시 볼륨값을 최소로 조정해 사용하기 바랍니다. Astell&Kern 플레이어와 연결 시, 볼륨이 최대로 고정되어 출력되며, 볼륨 조절 불가합니다.

Depending on the connected playback device, the initial volume level may default to maximum output. To protect your hearing, You MUST adjust the volume to a minimum level BEFORE starting music playback. Do NOT connect with an Astell&Kern player as the volume will be fixed to maximum output and cannot be adjusted on the player or AK HC2.

接続するデバイスによっては、初期音量が最大に設定されている場合があります。必ずご使用前に音量を調整してください。Astell&Kernプレーヤーに接続されている場合、音量は最大で固定され、Astell&Kernプレーヤー側では調整できません。

根据您所连接设备的不同,播放器初始音量有可能会被设置在最大值,请务必在使用之前确认音量,并调节至合适量级。与Astell&Kern播放器连接时,播放器将以固定最大音量输出,且不能调节。

# **AK HC2**

USB-C  
DUAL DAC  
AMPLIFIER  
CABLE

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AK HC2 MANUAL

Astell&Kern

# Package Contents

AK HC2 / iOS Adaptor / Manual / Warranty card

## How to Use

1. Connect the AK HC2 to the playback device (Smartphone, tablet PC or computer) and ensure the white LED light is on.
2. Turn down the volume on the playback device to a minimum level.
3. Start music playback.

**4.4mm Headphone Port (Not compatible with microphones and in-line controllers)**

**USB Type-C Plug**



**IMPORTANT:** Before beginning music playback, check volume level on playback device and reduce to a minimum level when using AK HC2. AK HC2 has a built-in amplifier making the sound output more significant than other devices at the same sound output level. It is important to start at a low volume level to protect your hearing. Depending on the playback device you are connecting to, the volume will default to the maximum output level when the AK HC2 is connected for the first time and each time thereafter. Always check the volume level on the playback device before use. The AK HC2 cable should NOT be connected to an Astell& Kern DAP as the volume will be fixed at maximum output when connected and cannot be adjusted on the player or AK HC2. Use with the maximum volume may severely damage hearing. Astell&Kern is not liable for any damage due to user negligence. Be sure to check the volume first when using.

# Note

## 1. Compatibility

- The product is compatible with most Android-powered smartphones and tablet PCs, and Windows 10/11 and macOS products. If you use an iOS adapter, you can connect to iOS-based devices. However, some devices may require additional manual setup.
- The AK HC2 is not compatible with every device. Due to hardware, software and/or system requirements for some devices, compatibility issues may occur. Compatibility issues will not be accepted as a reason for exchange, refund or repair.
- When connected to a smartphone or tablet PC, the product can play tracks without any additional driver or application installed. And you can download and use an additional APP for volume control. Search for [AK HC] and [AK USB DAC] in the Play Store and install them. These APPs are only supported for Android version.
- When connecting the AK HC2 with a Windows PC for the first time, the computer should recognize the device and the driver should install automatically. If the computer does not recognize the device or the driver does not install correctly, the driver can be downloaded from our website.  
[www.astellinkern.com](http://www.astellinkern.com) > Support > Download
- Connecting to a master device using various conversion adaptors (USB-A, Micro 5 pin, etc.) may cause an unstable connection and other compatibility issues.
- The product requires a separate paid/free player to be installed to be able to play DSD and high-quality PCM audio files on a smartphone.
- The AK HC2 cable does not have a built-in microphone. When connecting an earphone or headphone that has a microphone or in-line controller, the AK HC2 will not be compatible with these functions of the earphone/headphone.  
The AK HC2 cable is built for sound output only.

## 2. Operation/System

- The AK HC2 cable does not have a built-in battery. Power is supplied from the connected device (Android smartphone, tablet PC or computer). Power consumption may vary depending on the source and file type being played or the battery capacity of the connected device.
- System stabilization for the AK HC2 will be available via firmware updates. For details on how to download and update the AK HC2, please refer to our website, [www.astellinkern.com](http://www.astellinkern.com) -> Download.

# Specifications

General Specifications	
Product Name	AK HC2[USB-C Dual DAC Amplifier Cable]
Model Name	PEE52
Body Material	Aluminum
Body Color	Dark Silver
DAC	Cirrus Logic 43198 x 2
Sample Rate	PCM: Support up to 32bit/384kHz
	DSD Native: DSD64(1bit 2.8MHz), Stereo /
	DSD128(1bit 5.6MHz), Stereo / DSD256(1bit 11.2MHz), Stereo
Input	USB Type-C Input [for Android™ Smartphone, Tablet PC, Windows 10/11, iOS, mac OS]
Output	4.4mm Headphone
Dimensions	USB Plug: 12mm[W] x 21mm[H] x 6.5mm[D]
	4.4mm Headphone: 22.8mm[W] x 60mm[H] x 12.1mm[D]
Weight	about 29g
Audio Specifications	
Frequency Response	±0.011dB[Condition : 20Hz ~ 20kHz]
S/N	122dB@1kHz, Balanced
THD+N	0.0004% @1kHz, Balanced
IMD SMPTE	0.0003% 800Hz 10kHz[4:1] Balanced
Output Impedance	1.5 Ω
Output Level	4Vrms (Condition No Load)

Design and specifications are subject to change without notice.

## SDoC 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.

<b>Report No.</b>	KR22-YEF0008
<b>Product Name</b>	AK HC2
<b>Model Name</b>	PEE52
<b>Type of Equipment</b>	USB-C Dual DAC Amplifier Cable

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### Responsible Party – U.S. Contact Information

<b>Company Name</b>	Invision Inc.
<b>Address</b>	19600 Fairchild Road, Suite 125 Irvine, CA 92612
<b>Telephone</b>	(949) 336-4540
<b>Contact name</b>	support@theinvision.com

Astell&Kern

# WARRANTY





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 Dreamus Company product. All Dreamus Company products come with one-year limited warranty against defects in materials and workmanship from the original date of purchase from an authorized agent.

Dreamus Company'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 Dreamus Company.
2. The problem is cause by using in violation of any operating or handling instructions provided by Dreamus Company.
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**

Dreamus Company product	Duration of Limited Warranty	
	EU Countries	Non-EU Countries
Player console	2 Year	1 Year
Accessories	90 Days	90 Days
Refund or Exchange	30 Days	30 Days

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

URL : <https://www.astellinkern.com>

E-mail : [astellinkern@astellinkern.com](mailto:astellinkern@astellinkern.com)

## **Limited Warranty Statement** NORTH AMERICA**ENGLISH**

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THIS WARRANTY CARD IS VALID ONLY FOR SERVICE ON PRODUCTS PURCHASED IN NORTH AMERICA.

For other countries, please contact the store/dealer where the product was purchased.

Thank you for purchasing a Dreamus Company product. All Dreamus Company products come with a one year limited time warranty against material or workmanship defects starting from the original date of purchase from an authorized dealer.

Dreamus Company warranty covers defects that arise only as a result of normal use of the product. The product will not be covered under the warranty if:

1. The product is repaired or altered, unless approved or completed by Dreamus Company.
2. The defect or issue is a result of violating operating or handling instructions provided by Dreamus Company.
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**

Dreamus Company product	Duration of Limited Warranty North America
Player console	1 Year
Accessories	90 Days
Refund or Exchange	14 Days

For customer or technical support, please see the following website for contact information :

URL : <https://www.astellnkern.com>

E-mail : [astellnkern@astellnkern.com](mailto:astellnkern@astellnkern.com)



### 有限責任

除了有限責任，特別是在此保修聲明中提及的之外，在任何情況下，Dreamus Company或其第三方供應商將不會對任何直接的，間接的，特別的，意外的，或因此而產生的損壞負責。不論是否基於合同，民事侵權行為，或任何其他合法的理論，以及不論是否曾對此損壞可能性作出警告。

線上查詢 URL: <https://www.astellinkern.com>

電子郵件: [astellinkern@astellinkern.com](mailto:astellinkern@astellinkern.com)

### 維修記錄

維修日期	故障	維修員	Dreamus Company 產品	保修期
			播放器	1年
			配件	90日

多謝閣下選購 Dreamus Company 產品。請注意，所有從 Dreamus Company 合法授權的經銷商購買的產品，由購買即日起，均享有以下範圍及條件的保修服務：

- 1) Dreamus Company 產品上的型號及產品序號標籤，若被更改或損壞，將不能享有保修服務。
- 2) 保修期從產品序號上的生產日期開始計算，序號第 7-8 位代表年，9-10 位代表月。

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生產年份 21 生產月份 05

- 3) 用戶在保修期內，需連同產品一起出示有效的保修卡及明確寫上購買日期的收據或發票，方可享有保修服務。
- 4) 此卡須蓋有 Dreamus Company 指定合法經銷商或艾利和有限公司印章方為有效。
- 5) 如需維修請參照以下指定經銷商地址，如有疑問請致電 Dreamus Company 客戶服務中心。

產品型號: \_\_\_\_\_ 經銷商 (印章) \_\_\_\_\_  
 產品序號: \_\_\_\_\_  
 收據編號: \_\_\_\_\_  
 購買日期: \_\_\_\_\_  
 經銷商: \_\_\_\_\_