



**SILVERSTONE**<sup>®</sup>  
Designing Inspiration

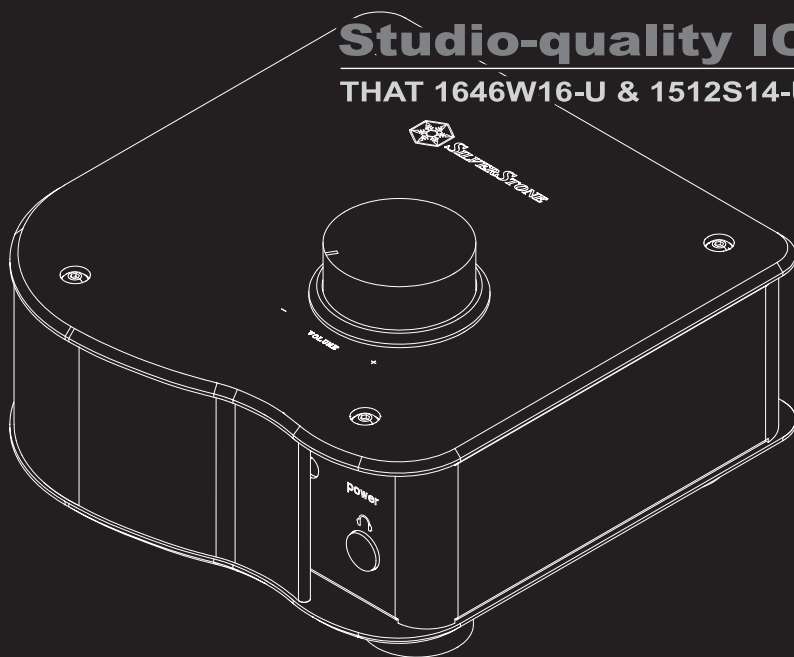
## ENSEMBLE SERIES

Unleash headphone's full potential

# EBO3

**Studio-quality IC**

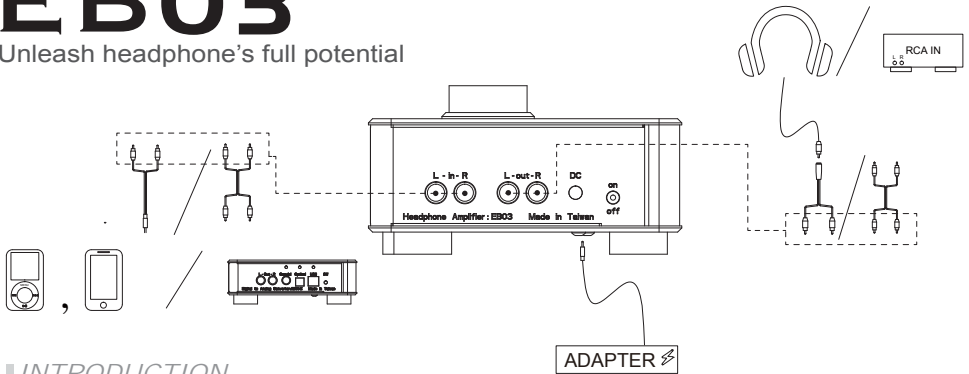
THAT 1646W16-U & 1512S14-U



manual

# EB03

Unleash headphone's full potential



## INTRODUCTION

For audiophiles, getting the most out of their high-end headphones is more than just about getting the best source or music format. High-end headphones often have higher resistance so if the equipment connected to them are subpar, the sound quality will suffer. With the Ensemble EB03, SilverStone aims to provide the power and quality necessary to unleash the full potential of headphones.

EB03's excellent sound amplification is produced by its internal studio-quality IC (integrated circuit) with premium Op-amp, current buffer, and enhanced power delivery. For discerning users, it also has an extra bypass connection for use with an additional amplifier or receiver. Finished with classic aluminum design that defines SilverStone's longstanding tradition of excellent metal works, the EB03 is the perfect companion to high quality headphones.

Besides using the EB03 on its own, users may also pair it with SilverStone's own similarly styled EB01-E DAC to create a great looking, and sounding computer audio system!

## FEATURES

- Premium amplifier designed to deliver full sound to headphones
- Classic SilverStone Ensemble exterior design
- Extra RCA bypass connection included for easy pairing with additional device
- Studio-quality IC with THAT 1646W16-U & 1512S14-U
- Independent volume control knob

## SPECIFICATION

ITEM	VALUE
Model	SST-EB03B (black) \ SST-EB03S (silver)
Color	Black or silver
Material	Aluminum top cover, SECC steel chassis
Overall Dimension	152mm (W) x 82mm (H) x 176mm (D), 2.19 liters
Dimension w/o knob & feet	152mm (W) x 55mm (H) x 156mm (D), 1.30 liters
Input	RCA
Output	φ6.3mm standard stereo connector, RCA connector (for bypass)
IC	THAT 1646W 16-U & 1512S14-U
Headphone resistance	16-600 ohm

# Product Overview

## Installation steps

1.

### ENGLISH

Connect sound source to RCA connectors labeled "IN" on the EB03 using the included RCA cable or RCA to 3.5mm adapter.

### DEUTSCH

Verbinden Sie die Audioquelle mit dem RCA-Anschluss mit der Aufschrift „IN“ am EB03 unter Nutzung von einem RCA-Kabel oder einem RCA zu 3,5mm - Adapter.

### FRANCAIS

Connectez la source sonore aux connecteurs RCA de l'EB03 marqués "IN" en utilisant le câble RCA ou l'adaptateur RCA vers 3.5mm fournis.

### ESPAÑOL

Conecte la fuente de sonido a los conectores RCA marcados "IN" en el EB03 usando el cable RCA incluido ó el adaptador RCA a 3,5mm.

### ITALIANO

Collegare la fonte audio ai connettori RCA denominati "IN" sull'EB03 usando il cavo RCA incluso o RCA a un adattatore di 3.5mm.

### РУССКИЙ

Подключите источник звука к меченому RCA разьему "ВХОД" на EB03 с помощью прилагаемого кабеля RCA или RCA до 3,5 мм адаптером.

### 日本語

附属のRCAケーブルまたはRCA-3.5mmアダプタで、サウンドソースをEB03側の「IN」というラベルの付いたRCAコネクタに接続します。

### 한국어

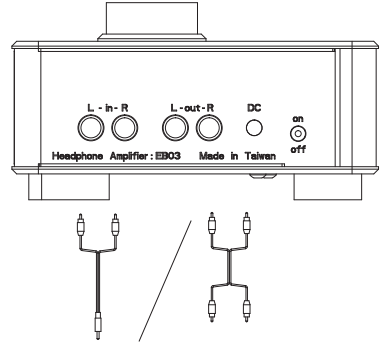
RCA케이블을 포함 또는 RCA를 사용하여 사운드 소스를 EB03에 "IN" 이라고 표기된 RCA 컨넥터에 연결하고 3.5mm 접합기에 연결.

### 繁體中文

使用隨附RCA線或RCA轉3.5mm插孔轉接線，接上訊源（後方標示為IN的RCA插座）。

### 简体中文

使用隨附RCA線或RCA轉3.5mm插孔轉接線，接上訊源（後方標示為IN的RCA插座）。



2.

### ENGLISH

Connect the included AC adapter to EB03's DC connector.

### DEUTSCH

Verbinden Sie das im Lieferumfang enthaltene Netzteil mit der Netzgerätebuchse des EB03.

### FRANCAIS

Branchez l'adaptateur secteur fourni au connecteur CC du EB03.

### ESPAÑOL

Conecte el adaptador de CA incluido al conector CC del EB03.

### ITALIANO

Collegare l'adattatore incluso AC al connettore DC di EB03.

### РУССКИЙ

Подключите поставляемый адаптер переменного тока, к разьему постоянного тока EB03.

### 日本語

附属のACアダプタをEB03のDCコネクタに接続します。

### 한국어

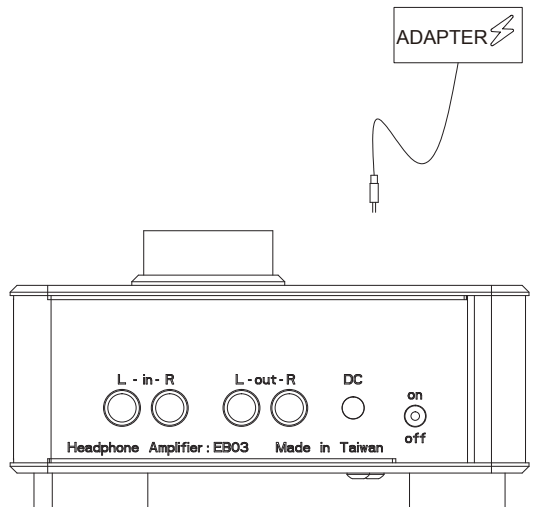
포함된 AC 접합기를 EB03의 DC 컨넥터에 연결.

### 繁體中文

將隨附的變壓器接上（後方標示為DC的插孔）。。

### 简体中文

將隨附的變壓器接上（後方標示為DC的插孔）。



## Installation steps

3.

### ENGLISH

Turn the power switch to 'ON'

### DEUTSCH

Schalten Sie die Stromversorgung auf „ON“

### FRANCAIS

Mettez l'interrupteur sur "ON"

### ESPAÑOL

Ponga el interruptor de potencia en "ON"

### ITALIANO

Accendere l'interruttore di alimentazione su "ON"

### РУССКИЙ

Переведите выключатель в положение "ON"

### 日本語

電源スイッチを「ON」にします。

### 한국어

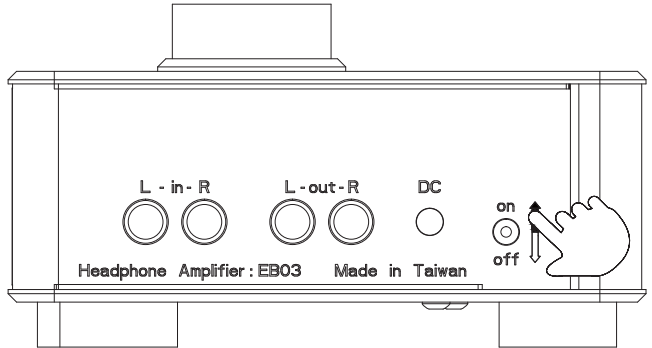
전원 스위치 "ON"

### 繁體中文

開啟電源開關。

### 简体中文

开启电源开关。



4.

### ENGLISH

Turn volume knob counterclockwise to its lowest position on top of EB03, insert headphone and then adjust the volume to desired listening level.

### DEUTSCH

Drehen Sie den Lautstärkereglер auf der Oberseite des EB03 entgegen dem Uhrzeigersinn, bis in die niedrigste Position. Verbinden Sie danach die Kopfhörer mit dem Gerät und wählen Sie anschließend die gewünschte Lautstärke ein.

### FRANCAIS

Tournez le bouton du volume vers la gauche, sur la position la plus basse au-dessus de EB03, branchez le casque, puis réglez le volume au niveau désiré.

### ESPAÑOL

Gire la perilla de volumen en el sentido contrario a las agujas del reloj a su posición más baja sobre el EB03, inserte el auricular y luego ajuste el volumen al nivel de audición deseado.

### ITALIANO

Girare la manopola del volume in senso antiorario nella sua posizione più bassa in cima a EB03, inserire le cuffie e quindi regolare il volume al livello desiderato. .

### РУССКИЙ

Поверните кнопку для громкости влево, в нижнем положении выше EB03, вставьте наушники, а затем отрегулировать громкость до нужного уровня.

### 日本語

EB03上面の音量つまみを反時計回りに回して最小の位置にしてから、ヘッドホンを差し、音量をお好みのレベルにします。

### 한국어

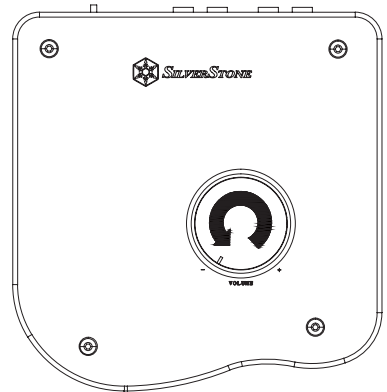
볼륨 노브는 EB03의 상단에서 가장 낮은 위치로 반 시계 방향으로 회전하고 헤드폰을 낀 다음 볼륨을 원하는 레벨로 조절.

### 繁體中文

先將上方音量控制鈕關至無聲（逆時針方向轉到底），再插入耳機然後調整至適當的聲音大小。

### 简体中文

先将上方音量控制钮关至无声（逆时针方向转到底），再插入耳机然后调整至适当的聲音大小。



# Product Overview

## Analog bypass installation steps

1.

### ENGLISH

Connect sound source to RCA connectors labeled "IN" on the EB03 using the included RCA cable or RCA to 3.5mm adapter.

### DEUTSCH

Verbinden Sie die Audioquelle mit dem RCA-Anschluss mit der Aufschrift „IN“ am EB03 unter Nutzung von einem RCA-Kabel oder einem RCA zu 3,5mm - Adapter.

### FRANCAIS

Connectez la source sonore aux connecteurs RCA de l'EB03 marqués "IN" en utilisant le câble RCA ou l'adaptateur RCA vers 3.5mm fournis.

### ESPAÑOL

Conecte la fuente de sonido a los conectores RCA marcados "IN" en el EB03 usando el cable RCA incluido ó el adaptador RCA a 3,5mm.

### ITALIANO

Collegare la fonte audio ai connettori RCA denominati "IN" sul EB03 usando il cavo RCA incluso o l'adattatore di 3.5mm.

### РУССКИЙ

Подключите источник звука к меченому RCA разьему "ВХОД" на EB03 с помощью прилагаемого кабеля RCA или RCA до 3,5 мм адаптером.

### 日本語

附属のRCAケーブルまたはRCA-3.5mmアダプタで、サウンドソースをEB03側の「IN」というラベルの付いたRCAコネクタに接続します。

### 한국어

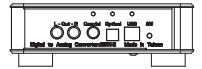
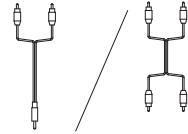
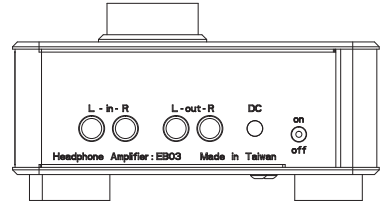
RCA케이블 포함 또는 RCA를 사용하여 사운드 소스를 EB03에 "IN" 이라고 표기된 RCA 컨넥터에 연결하고 3.5mm 접합기에 연결.

### 繁體中文

使用隨附RCA線或RCA轉3.5mm插孔轉接線，接上訊源（後方標示為IN的RCA插座）。

### 简体中文

使用隨附RCA線或RCA轉3.5mm插孔轉接線，接上訊源（後方標示為IN的RCA插座）。



2.

### ENGLISH

Connect to desired output device to RCA connectors labeled "OUT" on the EB03 using another set of RCA cable.

### DEUTSCH

Verbinden Sie den RCA-Anschluss mit der Aufschrift „OUT“ unter Nutzung eines weiteren RCA-Kabels mit dem gewünschten Ausgabegerät.

### FRANCAIS

Connectez les connecteurs RCA de l'EB03 marqués "OUT" au périphérique de sortie souhaité en utilisant un autre jeu de câbles RCA.

### ESPAÑOL

Conecte el dispositivo de salida deseado a los conectores RCA marcados "OUT" en el EB03 usando otro juego de cables RCA.

### ITALIANO

Connettere il dispositivo di output desiderato ai connettori RCA denominati "OUT" sul EB03 usando un altro set di cavi RCA.

### РУССКИЙ

Подключите требуемое выходное устройство к RCA разьемам с надписью "ВЫХОД" на EB03 с использованием другого набора кабелей RCA.

### 日本語

別のRCAケーブルセットを使って、お望みの出力装置をEB03側の「OUT」というラベルの付いたRCAコネクタに接続します。

### 한국어

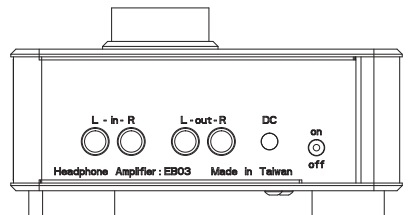
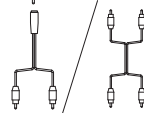
RCA케이블의 다른 세트를 사용하여 원하는 아웃 장치 EB03에 "OUT" 라고 표시 된 RCA 컨넥터와 연결.

### 繁體中文

使用額外的RCA線材，連結後方標示為OUT的RCA插座與欲搭配的其他裝置。

### 简体中文

使用額外的RCA线材，連結後方標示為OUT的RCA插座與欲搭配的其他裝置。



## Analog bypass installation steps

3.

**ENGLISH**

Connect the included AC adapter to EB03's DC connector.

**DEUTSCH**

Verbinden Sie das im Lieferumfang enthaltene Netzteil mit der Netzgerätebuchse des EB03.

**FRANCAIS**

Branchez l'adaptateur secteur fourni au connecteur CC du EB03.

**ESPAÑOL**

Conecte el adaptador de CA incluido al conector de CC del EB03.

**ITALIANO**

Connettere l'adattatore AC incluso al connettore DC di EB03.

**РУССКИЙ**

Подключите поставляемый адаптер переменного тока, к разъему постоянного тока EB03.

**日本語**

付属のACアダプタをEB03のDCコネクタに接続します。

**한국어**

포함된 AC 접속소켓을 EB03 DC 컨넥터에 연결.

**繁體中文**

將隨附的變壓器接上（後方標示為DC的插孔）。

**简体中文**

将隨附的變壓器接上（后方标示为DC的插孔）。

4.

**ENGLISH**

Turn the power switch to "ON"

**DEUTSCH**

Schalten Sie die Stromversorgung auf „EIN“.

**FRANCAIS**

Mettez l'interrupteur sur "ON"

**ESPAÑOL**

Ponga el interruptor de potencia en "ON"

**ITALIANO**

Accendere l'interruttore di alimentazione su "ON"

**РУССКИЙ**

Переведите выключатель в положение "ON"

**日本語**

電源スイッチを「ON」にします。

**한국어**

전원 스위치 "ON"

**繁體中文**

開啟電源開關。

**简体中文**

开启电源开关。

5.

**ENGLISH**

Adjust volume on the output device to desired listening level (EB03's volume knob is non-functional when used for analog bypass).

**DEUTSCH**

Stellen Sie die gewünschte Lautstärke am Ausgabegerät ein. (Der Lautstärkeregler des EB03 kann bei einem analogen Bypass nicht genutzt werden.)

**FRANCAIS**

Réglez le volume au niveau désiré sur le périphérique de sortie (Le bouton de volume ne fonctionne pas lorsque l'EB03 est utilisé en bypass analogique).

**ESPAÑOL**

Ajuste el volumen en el dispositivo de salida al nivel de audición deseado (la perilla de volumen del EB03 no funciona cuando se usa para un bypass analógico).

**ITALIANO**

Regolare il volume sul dispositivo di uscita al livello di ascolto desiderato (manopola del volume EB03 non è funzionale quando viene utilizzato per il bypass analogico.)

**РУССКИЙ**

Отрегулируйте громкость устройства вывода на желаемом уровне (кнопка громкости EB03 не работает, когда используется для аналогового входа).

**日本語**

出力装置の音量をお望みのレベルに調節します(EB03の音量ツマミはアナログバイパス使用時には機能しません)。

**한국어**

원하는 청취 레벨로 아웃풋 장치의 볼륨 조절. (EB03의 볼륨 노브는 아날로그 바이패스에 사용될때 비기능적입니다.)

**繁體中文**

自行調整其他裝置的音量大小（類比直通輸出時，上方音量控制鈕無作用）。

**简体中文**

自行調整其它裝置的音量大小（模拟直通输出时，上方音量控制钮无作用）。

# Warranty Information

This product has a limited 1 year warranty in North America and Australia.

For information on warranty periods in other regions, please contact your reseller or SilverStone authorized distributor.

## Warranty terms & conditions

- Product component defects or damages resulted from defective production is covered under warranty.  
Defects or damages with the following conditions will be fixed or replaced under SilverStone Technology's jurisdiction.
  - Usage in accordance with instructions provided in this manual, with no misuse, overuse, or other inappropriate actions.
  - Damage not caused by natural disaster (thunder, fire, earthquake, flood, salt, wind, insect, animals, etc...)
  - Product is not disassembled, modified, or fixed. Components not disassembled or replaced.
  - Warranty mark/stickers are not removed or broken.  
Loss or damages resulted from conditions other than ones listed above are not covered under warranty.
- Under warranty, SilverStone Technology's maximum liability is limited to the current market value for the product (depreciated value, excluding shipping, handling, and other fees). SilverStone Technology is not responsible for other damages or loss associated with the use of product.
- Under warranty, SilverStone Technology is obligated to repair or replace its defective products. Under no circumstances will SilverStone Technology be liable for damages in connection with the sale, purchase, or use including but not limited to loss of data, loss of business, loss of profits, loss of use of the product or incidental or consequential damage whether or not foreseeable and whether or not based on breach of warranty, contract or negligence, even if SilverStone Technology has been advised of the possibility of such damages.
- Warranty covers only the original purchaser through authorized SilverStone distributors and resellers and is not transferable to a second hand purchaser.
- You must provide sales receipt or invoice with clear indication of purchase date to determine warranty eligibility.
- If a problem develops during the warranty period, please contact your retailer/reseller/SilverStone authorized distributors or SilverStone <http://www.silverstonetek.com>.  
Please note that: (i) You must provide proof of original purchase of the product by a dated itemized receipt; (ii) You shall bear the cost of shipping (or otherwise transporting) the product to SilverStone authorized distributors. SilverStone authorized distributors will bear the cost of shipping (or otherwise transporting) the product back to you after completing the warranty service; (iii) Before you send the product, you must be issued a Return Merchandise Authorization ("RMA") number from SilverStone. Updated warranty information will be posted on SilverStone's official website. Please visit <http://www.silverstonetek.com> for the latest updates.

## Additional info & contacts

**For North America** ([usasupport@silverstonetek.com](mailto:usasupport@silverstonetek.com))

SilverStone Technology in North America may repair or replace defective product with refurbished product that is not new but has been functionally tested.

Replacement product will be warranted for remainder of the warranty period or thirty days, whichever is longer. All products should be sent back to the place of purchase if it is within 30 days of purchase, after 30 days, customers need to initiate RMA procedure with SilverStone Technology in USA by first downloading the "USA RMA form for end-users" form from the below link and follow its instructions.

<http://silverstonetek.com/contactus.php>

**For Australia only** ([support@silverstonetek.com](mailto:support@silverstonetek.com))

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law.

You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage.

You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Please refer to above "Warranty terms & conditions" for further warranty details.

SilverStone Technology Co., Ltd. 12F No. 168 Jiansong Rd., Zhonghe Dist., New Taipei City 235 Taiwan R.O.C. + 886-2-8228-1238  
(standard international call charges apply)

**For Europe** ([support.eu@silverstonetek.de](mailto:support.eu@silverstonetek.de))

**For all other regions** ([support@silverstonetek.com](mailto:support@silverstonetek.com))

To be valid, this sheet must be filled out by  
your salesperson at the time of purchase.

Store :

Purchaser :

Purchase date :

Model No. :

Serial No. :

SILVERSTONE

*SilverStone Technology Co., Ltd.*

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**[www.silverstonetek.com](http://www.silverstonetek.com)**

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[support@silverstonetek.com](mailto:support@silverstonetek.com)