

B-3E User Guide

USB - ZERO LINK BRIDGE

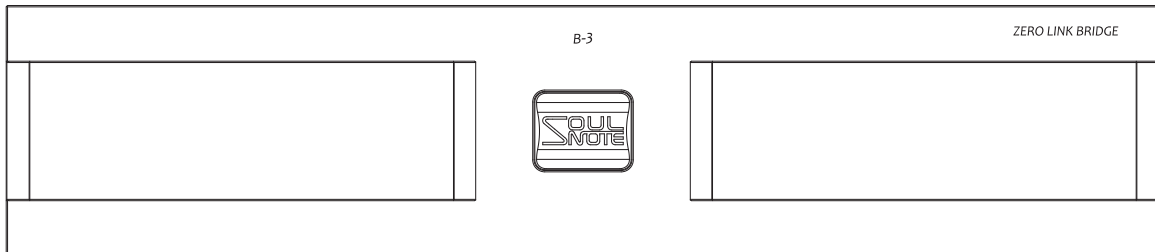


Table of Contents

Safety Precautions.....	3
Rear Panel Names and Functions.....	6
Protection Pads for Transport.....	7
Attaching the Spike Pins.....	7
Features of B-3.....	8
Troubleshooting.....	9
Maintenance.....	9
Specifications.....	9

Supplied Accessories

- Power cable 1
- ZERO LINK designated cable 1
- Spike pin 3
- Hex key for spike pins 1
- User Guide (this manual) 1

Safety Precautions



CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

A warning that an apparatus with CLASS I construction shall be connected to a MAINS socket outlet with a protective earthing connection.

IMPORTANT SAFETY INSTRUCTIONS

READ BEFORE OPERATING EQUIPMENT

This product was designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions which you should be particularly aware of.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings.
Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
10. Only use attachments/accessories specified by the manufacturer.
11. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
12. Unplug this apparatus during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
14. Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.



CAUTION:

- To completely disconnect this product from the mains, disconnect the plug from the wall socket outlet. The mains plug is used to completely interrupt the power supply to the unit and must be within easy access by the user.
- Never use the unit with any other cord except the supplied power cord.

NOTE ON USE

WARNINGS

- Avoid high temperatures.
Allow for sufficient heat dispersion when installed in a rack.
- Handle the power cord carefully.
Hold the plug when unplugging the cord.
- Keep the unit free from moisture, water, and dust.
- Unplug the power cord when not using the unit for long periods of time.
- Do not obstruct the ventilation holes.
- Do not let foreign objects into the unit.
- Do not let insecticides, benzene, and thinner come in contact with the unit.
- Never disassemble or modify the unit in any way.
- Ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, tablecloths or curtains.
- Naked flame sources such as lighted candles should not be placed on the unit.
- Observe and follow local regulations regarding battery disposal.
- Do not expose the unit to dripping or splashing fluids.
- Do not place objects filled with liquids, such as vases, on the unit.
- Do not handle the mains cord with wet hands.
- When the switch is in the OFF position, the equipment is not completely switched off from MAINS.
- The equipment shall be installed near the power supply so that the power supply is easily accessible.

DECLARATION OF CONFORMITY

We declare under our sole responsibility that this product, to which this declaration relates, is in conformity with the following standards:

EN60065, EN55032, EN55020.

Following the provisions of Low Voltage Directive 2014/35/EU and EMC Directive 2014/30/EU.

A NOTE ABOUT RECYCLING:

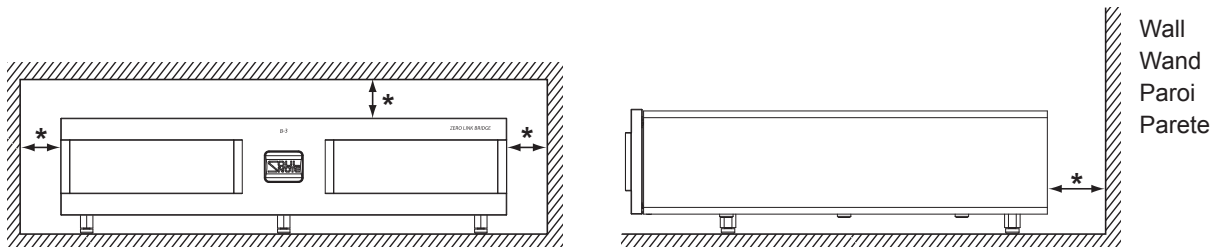
This product's packaging materials are recyclable and can be reused. Please dispose of any materials in accordance with the local recycling regulations. When discarding the unit, comply with local rules or regulations.

Batteries should never be thrown away or incinerated but disposed of in accordance with the local regulations concerning battery disposal. This product and the supplied accessories, excluding the batteries, constitute the applicable product according to the WEEE directive.



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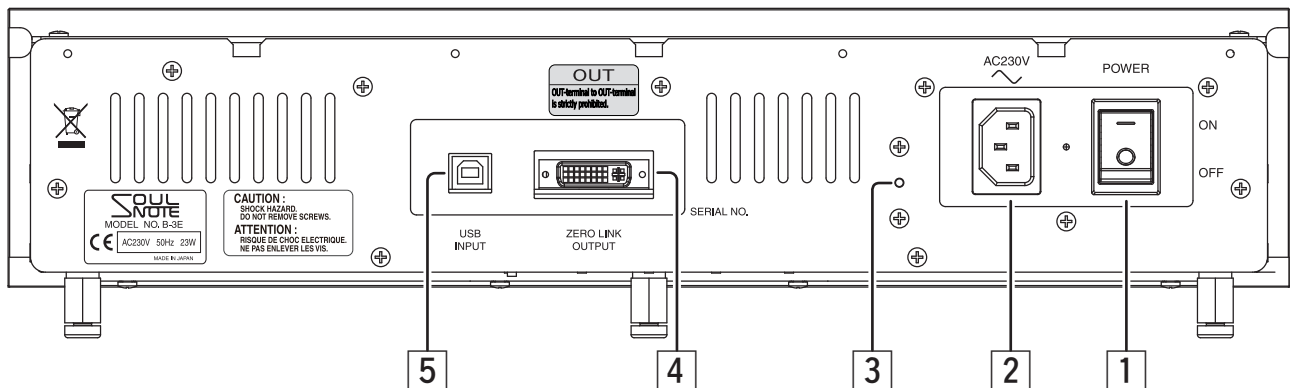
CAUTIONS ON INSTALLATION



*** For proper heat dispersal, do not install this unit in a confined space, such as a bookcase or similar enclosure.**

- Leave sufficient clearance (at least 10 cm) from the wall, (at least 5 cm) from top surface of the unit.
- Do not place any other equipment on this unit.

Rear Panel Names and Functions



1 Power Switch

Press the “-” side to turn on the power and press the “o” side to turn off the power.

Note:

- The power switch is intentionally not secured in order to maintain the audio quality.

2 AC Inlet (230 V AC)

Connect to a 230 V AC wall outlet (mains) with the supplied power cable.

Notes:

- **Do not use any electrical contact cleaner or the like in the AC inlet area.**
- To maintain the audio quality, use the supplied power cable.
- Connect the power cable to the AC wall outlet (mains) by inserting the power plug prong with the engraved OO symbols into the ground side (the longer hole). If you reverse the orientation of the power plug, you cannot fully enjoy the performance of the unit.
- Firmly insert the power cable into the end of the AC inlet.
- The ground terminal and the housing are not connected.
- The AC inlet is intentionally not secured in order to maintain the audio quality.

3 Power Indicator

When the power is on, the indicator is lit red.

Note:

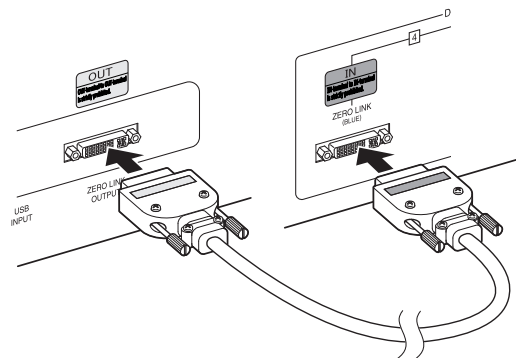
- The indicator lights up blue when the clock is received from the D/A converter.

4 ZERO LINK Output Terminal (ZERO LINK OUTPUT)

A D/A converter such as our product S-3E or D-3E can be connected to this terminal with a ZERO LINK designated cable. This output terminal provides the highest audio quality but special attention is required for when connecting.

Notes:

- When connecting a ZERO LINK designated cable to devices, turn off the power of the devices to be connected together. Connecting/Disconnecting the cable while the power of the devices is on can cause the devices to become faulty. Also, do not touch the connector (where signals are transmitted) of the ZERO LINK designated cable. Even when the power of the devices is off, the devices might become faulty due to static. Be sure to tighten the screws to secure the cable.
- Connect the ZERO LINK cable to the ZERO LINK terminal with a sticker of the same color as the plug of the ZERO LINK cable.



- Do not connect a computer monitor or the like to the terminal. It will cause a malfunction.

5 USB Input Terminal (USB INPUT)

Connect to devices such as a music server, network transport, and computer with a USB cable. For details, see CSR, Inc. website.

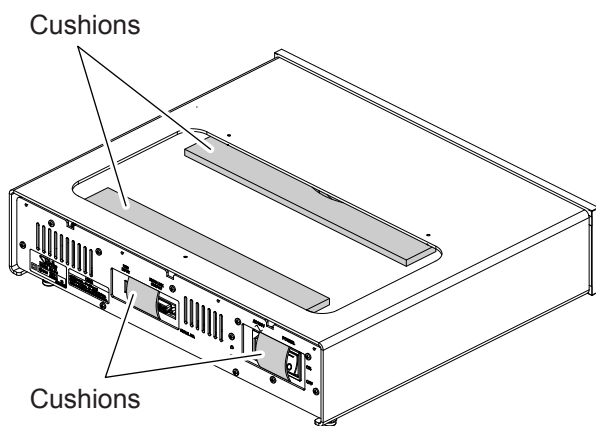
Note:

- To connect to a Windows computer, a designated driver is required. The driver can be downloaded from CSR, Inc. website.

Protection Pads for Transport

Before use, be sure to remove the pads from the unit. With the pads left attached, you cannot fully enjoy the high audio quality of the unit.

- In order to maintain the audio quality, the top cover and terminals on the rear panel are intentionally not secured.
- If you shake the unit, you will hear a rattling sound. It is not an abnormality.
- When you transport the unit, reattach the pads to the original places.

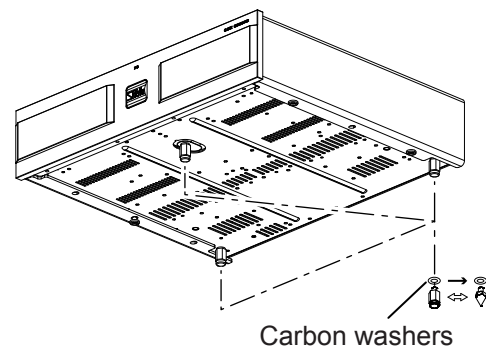


Attaching the Spike Pins

By replacing the feet with the supplied spike pins, you can tune the audio quality. Point grounding makes the sound focus and auditory lateralization sharper. Furthermore, the audio quality can be subtly tuned by changing the material of the surface on which this equipment is installed.

Notes:

- When replacing the feet with the spike pins, remove the carbon washers from the feet, and then reattach them to the spike pins.
- When the spike pins are attached, it may be difficult to keep weight balance stable. Take great care not to carelessly apply a force on the corners of the main unit.



Cautions

- When using the spike pins, be extremely careful not to get injured, etc.
- When using the spike pins, be careful that the surface on which the main unit is installed such as the surface of a table, shelf, etc., may become damaged.

Features of B-3

Feature 1: ZERO LINK

ZERO LINK is a standard formulated by SFORZATO and SOULNOTE. It is an ultimate link for achieving as high audio quality as possible. ZERO LINK dramatically reduces workload of the D/A converter and eliminates asynchronous circuitry from the housing of the D/A converter. This product handles entire asynchronous circuit and ZERO LINK transmits only signals that are polished by the sophisticated clock transmitted from the D/A converter, to the D/A converter. As a result, unparalleled audio quality can be obtained. ZERO LINK is a solution that surpasses even the highest-level analog playback.

Note:

- A ZERO LINK designated cable is supplied with this product.

Feature 2: High-power Non-feedback Power Supply

A 200 VA toroidal transformer which has an enormous capacity and which is usually used for power amplifiers is adopted. For the rectifier diode, ultra-fast SiC diode is adopted for the first time. A multitude of electrolytic capacitors with low magnification and low capacity are connected in parallel to make up a group of rectifier capacitors. For regulators, SOULNOTE unique non-feedback power is supplied.

Feature 3: Housing Designed with Highest Priority Placed on Audio Quality

The top cover with the top-bottom sides unsecured can prevent air-dumping. In addition, an unsecured AC inlet, an unsecured output terminal, 3 spike supports located just under the transformer, titanium washers, and carbon washers are adopted. These parts and ideas were adopted as a result of placing the highest priority on audio quality.

- For more detailed information, refer to our website or Facebook page.
<https://www.kcsr.co.jp/soulnote.html>

Troubleshooting

No sound is output. (The unit does not start.)

- Check that the power of the main unit is on.
- Check the connections of the external devices.
- Check that the power of the external devices is on.
- Check that the operations and settings on the external devices are correct.

Maintenance

When the unit has become dirty, wipe it clean using a soft cloth. To remove stubborn stains, dilute some dish-washing liquid in 5 or 6 times as much water, soak a soft cloth in the solution, wring it out well, wipe away the stains, and then wipe the surfaces dry with a dry cloth.

Never use alcohol, paint thinners, benzine, insecticides or other volatile substances since they may mar or remove the surface gloss.

Bear in mind that rubbing surfaces with a chemical cleaning cloth or leaving such a cloth in contact with a surface for an extended time may result in deterioration.

Note:

- **Do not use any electrical contact cleaner or the like in the AC inlet area. It will cause a faulty.**

Specifications

Power voltage.....230 V AC, 50 Hz

Power consumption.....23 W

Maximum external dimensions

..... 430 mm (W) x 111 mm (H) x 376 mm (D)

Weight 7.8 kg



CSR, Inc.

<https://www.soulnote.link/>