

SOUNDWARRIOR

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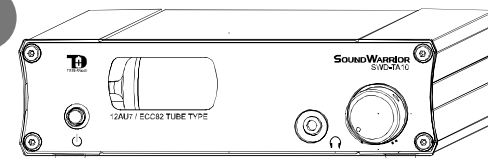
SOUNDWARRIOR

by SHIROSHITA

Power Amplifier with Tube Buffer

SWD-TA10

User Guide



Sound Warrior's Class D stereo power amplifier with 12AU7 tube buffer.

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Thank you for purchasing SWD-TA10US, the power amplifier with tube buffer.

**READ AND FOLLOW ALL SAFETY INSTRUCTIONS BEFORE USING THE PRODUCT.
KEEP THE USER GUIDE WITH A WARRANTY CARD FOR FUTURE REFERENCE.**



ACCESSORIES

AC adapter ×1, Vertical text sheet ×1, Hex wrench ×1, Protective cushion ×4, User Guide ×1, Warranty Card ×1




1 IMPORTANT SAFEGUARDS

1-1 Safety Graphic Symbols







The following symbols are used to define the degree of danger when abused and misused the product.

	WARNING	.....	Negligence of the instructions may lead to mishandling that may cause death or serious injury.
	CAUTION	.....	Negligence of the instructions may lead to mishandling that may cause a minor injury, property or financial damage.

The following symbols are used to indicate the actions that should be followed.

	.....	This symbol indicates actions that call users' attention.
	.....	This symbol indicates prohibited actions that must not be performed.
	.....	This symbol indicates compulsory actions that must be performed.

1-2 WARNING

1-2-1		In the following cases, immediately turn off the power switch and disconnect the AC adapter from the power outlet. Then contact us for repair. <ul style="list-style-type: none"> ● Smoke, strange odor or strange sound. ● Damaged elements or cables. ● Penetration of liquids or foreign objects, or the like.
1-2-2		Do not prevent the product from releasing the heat by covering with a cloth, etc. Do not place the product in a stuffy room, narrow room or the like. This could result in fire.
1-2-3	 	Do not use the product outdoors, in a bathroom or the like. Penetration of liquids or foreign objects could result in fire or electrical shock. If liquids or foreign objects should enter the product, immediately disconnect the AC adapter from the power outlet and contact us for repair.
1-2-4		Never disassemble and modify. Modification and/or disassembly of the product or accessories could result in fire or electrical shock. Contact us for repair.
1-2-5		Do not use except the supplied AC adapter. Do not use over the rated voltage.

8 Technical Specifications

General	
Type of Tube	12AU7
Power Supply	AC 100 - 240V 50/60Hz (AC adapter), DC15V (Main Unit)
Power Consumption	Max. 45W
Operating Temperature	0 - 40°C
External Dimensions	W5.7 × H1.6 × D6.5 inches (Protruding part not included)
Weight	1.9 pounds
Analog Input	
Connector	RCA pin jack
Rated Input Power	+4dBm
Speakers Output	
Connector	4mm speakers terminal supported banana plugs
Max. Output	15W×2 at 4Ω
Rated Impedance	4Ω and more
Active Speakers Output	
Connector	3.5mm stereo mini jack
Max. Output	+10dBm at full-scale volume
Headphones Output	
Connector	3.5mm stereo mini jack
Max. Output	40mW×2 at 40Ω
Accessories	AC adapter ×1, Vertical text sheet ×1, Hex wrench ×1, Protective cushion ×4, User Guide ×1, Warranty Card ×1

※Design and specifications are subject to change without notice.

7 WARRANTY INFORMATION

We offer a 1 year limited warranty for repair from the original purchase date.




In-Warranty Repairs

We will check if the failure is covered by the warranty with the information below. Prepare it and the warranty card, and contact us via userinfo@shiroshita.com.







- Your Name
- Email Address
- Postal Address
- Name of the Product (SWD-TA10US)
- Serial Number
- Situation and details when the failure occurred.

Out-of-Warranty Repairs

We also provide a repair estimate for out-of-warranty repair. Contact us via userinfo@shiroshita.com.

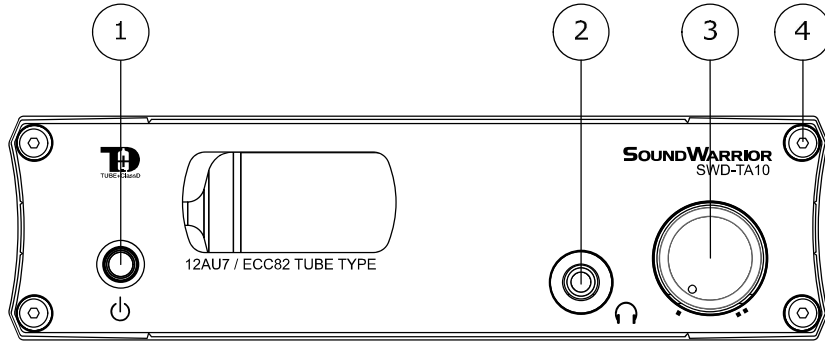
1-2-6		Do not place anything on the product or cover it with a cloth, etc. Do not place anything on the cords or damage it. This could result in fire or electrical shock.
1-2-7		Clean the power plug periodically with a soft and dry cloth. Accumulated dust could result in fire.
1-2-8		Do not touch the product, the connected devices, the connecting cords, the AC adapter, etc. during a lightning storm. This could result in electrical shock.

1-3 CAUTION

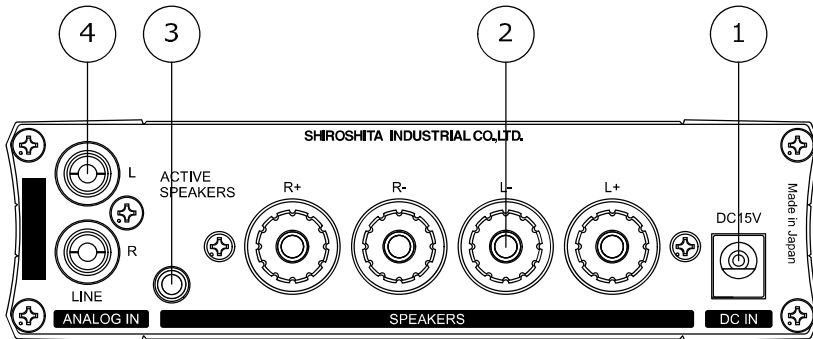
1-3-1		Do not place the product on an unstable surface. This could result in falling and cause an injury. Place the product away from walls and other devices to release heat sufficiently.
1-3-2		Do not place the product in the following places. This could result in fire or electrical shock. <ul style="list-style-type: none"> ● Highly humid or dusty places. ● Places with smoke or oily smoke. (A kitchen, a humidifier or the like)
1-3-3		Place the product vertically or horizontally on a stable surface.
1-3-4		Do not touch the AC adapter with a wet hand. This could result in electrical shock. Do not pull the cord when disconnected. Hold the plug and disconnect. Disconnect the AC adapter from the power outlet when not used for a long time.
1-3-5		Disconnect the AC adapter from the power outlet when cleaning. Use a dry cloth to clean the product. Do not use thinner, alcohol or the like.
1-3-6		Turn the volume down before turning on the product. The loud sound could result in hearing impairment or failure of the product.

2 PART NAMES AND FUNCTIONS

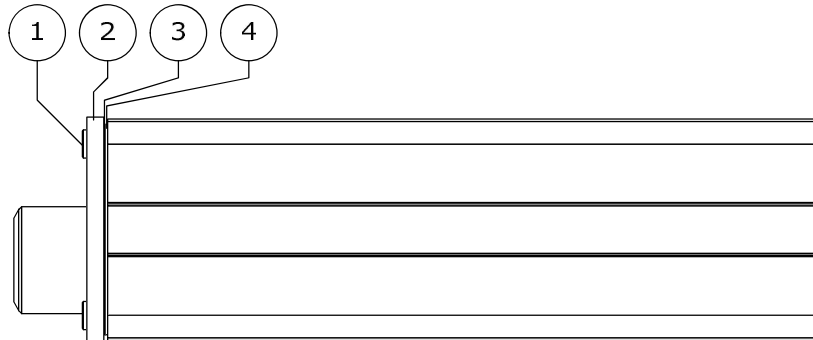
Front Panel



Rear Panel



Side View



6 TROUBLESHOOTING

#1: Does not Turn on.

Possible Factor	Solution
1 The AC adaptor is not connected properly.	1 Connect the AC adaptor properly. Note: Use the supplied AC adaptor (DC15V). It does not work with DC12V.

#2: No Sound or Intermittent Sound

Possible Factor	Solution
1 Problem at input devices.	1 Check if a device of sound source works properly.
2 Cables are not connected properly.	2 See "3 Connections" and connect cables properly. Check if the cables are not broken.

#3: No Sound and the Power is off

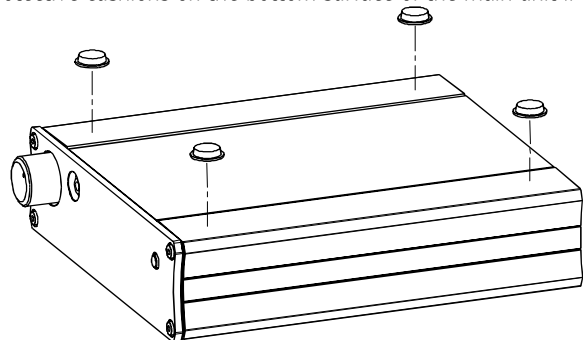
Possible Factor	Solution
1 The output exceeds the maximum limit.	1 The main unit runs the protection circuit and the power may be turned off when the output exceeds the maximum limit. Turn down the volume not to exceed the limit. When it runs the protection circuit, turn on the main unit once again.

Note: When turned on the power with the tube cooled, the tube may light up for a moment. This is attributed to individual deference of the tubes, and it has not effect on its life duration, failure, etc.

5 CUSTOMIZATION

5-1 Attaching Protective Cushions

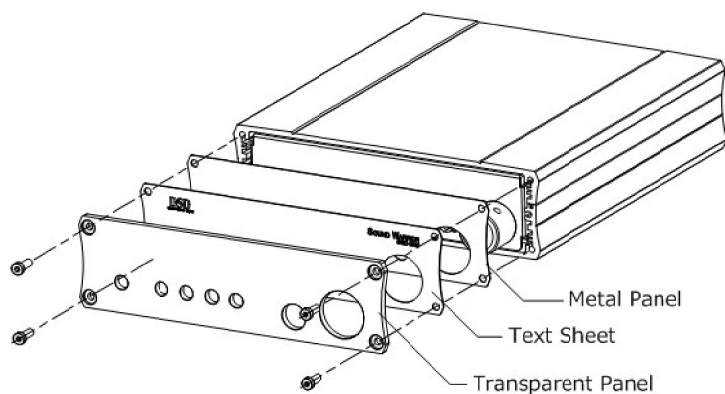
Attach the supplied protective cushions on the bottom surface of the main unit if need be.





5-2 Changing Design of Front Panel

Enjoy customizing the front view by changing the sheet vertically/horizontally or inserting a self-build sheet between the text sheet and the metal panel. The fixation screws can be unbraced by the supplied hex wrench.

- ※ When changing the sheet, take care to prevent foreign objects from entering into the main unit.
- ※ Remove protective seals both sides of the supplied vertical sheet before using the sheet.



2-1 Front Panel Functions

- | | | | |
|---|---|---------------------------------|--|
| ① |  | Power Switch
Power Indicator | Used to turn on/off the power.
This indicates the state of the power.
(Not lighting up: The power is off. / Blinking: The product is in standby mode. / Lighting up: The power is on.) |
| ② |  | Headphone Output | |
| ③ | | Volume Control | This increases the volume by turning clockwise.
This decreases the volume by turning counterclockwise. |
| ④ | | Fixation Screws | These fix the front panel. |

2-2 Rear Panel Functions

- | | | | | |
|---|-----------|-----------------|------------------------|------------------------------------|
| ① | DC IN | DC15V | Power Input | Used to input the power source. |
| ② | SPEAKERS | L+/L-/R+/R- | Speakers Output | Used to output to speakers. |
| ③ | " | ACTIVE SPEAKERS | Active Speakers Output | Used to output to active speakers. |
| ④ | ANALOG IN | LINE | LINE Input | Used to output the analog signal. |

2-3 Side View

- | | | |
|---|-------------------|---|
| ① | Fixation Screws | These fix the front panel. |
| ② | Transparent Panel | |
| ③ | Text Sheet | Can be used either vertically/horizontally. The horizontal sheet is set as default. |
| ④ | Metal Panel | |

3 Connections

3-1 ANALOG IN Connecting LINE Input

Connect a LINE output of a CD player/DA converter and the main unit with a stereo audio cable (RCA pin plugs).

3-2 Connecting Headphone Output

Connect to a headphone (3.5mm stereo mini plug).

3-3 SPEAKERS Connecting Speakers Output

Connect speaker cords to the speakers output. 4mm banana plugs can be connected.

Note: Check "L", "R", "+" and "-" in order not to short-circuit.

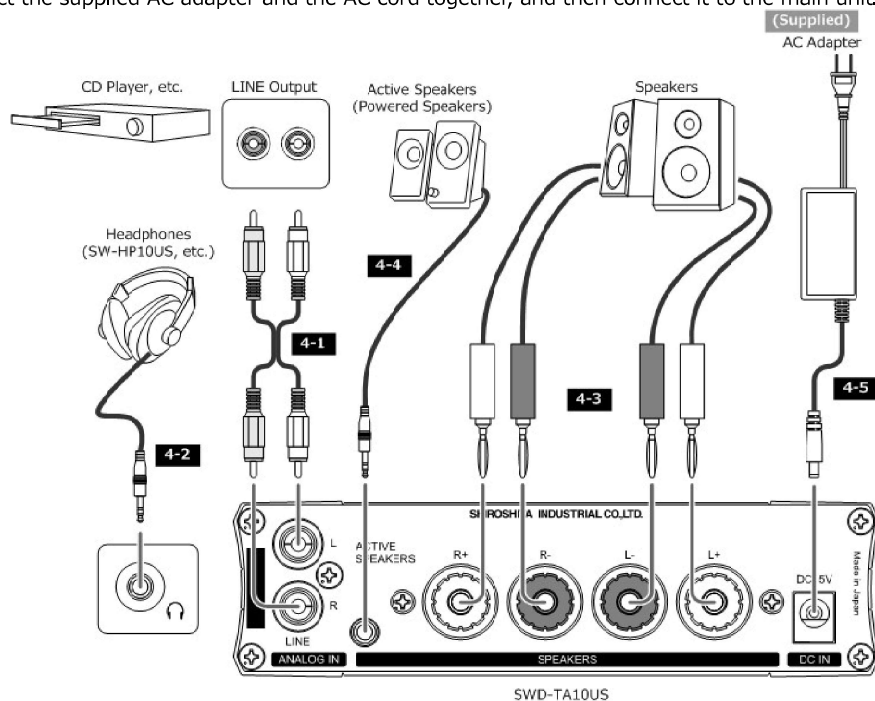
3-4 SPEAKERS Connecting Active Speakers' Output

Connect active speakers to the active speakers output. (3.5mm stereo mini plug)

3-5 DC IN Connecting Power Input

Minimize the volume by turning off the volume control.

Connect the supplied AC adapter and the AC cord together, and then connect it to the main unit.



SWD-TA10US

4 HOW TO USE

4-1 Turn on the Main Unit

Minimize the volume by turning off the volume control, and then press the power switch. The power indicator blinks for a few seconds (standby mode, no sound output) and then lights up.

4-2 Listen Through Speakers

Play back a sound source from a device connected "ANALOG IN".
Adjust the volume by slowly turning the volume control clockwise.
※See "3 Connections" for more details about connecting input devices and speakers.

Note: It runs the protection circuit and the power may be turned off when the output exceeds the maximum limit.

4-3 Listen Through Active Speakers

Play back a sound source from a device connected "ANALOG IN".
Adjust the volume by slowly turning the volume control clockwise.
※See "3 Connections" for more details about connecting input devices and speakers.

Note: When speakers and active speakers are connected at once, the output of speakers slightly decreases.

4-4 Listen Through Headphones

Play back a sound source from a device connected "ANALOG IN".
Adjust the volume by slowly turning the volume control clockwise.
※See "3 Connections" for more details about connecting input devices and speakers.

Note: When headphones are connected, the output of speakers is shut off.

4-5 Turn off the Main Unit

Stop a sound source from a device connected to "ANALOG IN".
Minimize the volume by turning off the volume control, and then press the power switch.