

Precaution

Please read this instruction carefully before use.

- Do not attempt to disassemble or modify the product.
- Keep the product away from the external shocks or vibrations.
- Do not use the damaged or peeled cables.
- Do not use the unit outdoors.
- Product specifications and features are subject to change without notice.

Warranty Information

- Free warranty service
 - In case of the defect is found caused by the design or the production flaw while using the device properly, a manufacturer is responsible for the faulty product and the free warranty service for 1 year from the date of purchasing.
 - Even in the warranty service period, malfunction or damage of products caused by the inevitable incident such as a natural disaster is not subject of the free warranty service.
- Warranty service at a cost
 - The product that free warranty service period is expired.
 - Malfunction of the product caused by a user's fault.
 - Malfunction of the product caused by incidents.
 - Malfunction of the product caused by a natural disaster such as earthquake, flood, lightning & etc.
 - In case of the warranty service at a cost, a customer should cover the transportation costs.
- Samples of a user's fault
 - In case of attempts to disassemble or modify the device.
 - In case of not following the instructions on this manual.
- Please read this operating instructions & Q&A board on our website carefully before asking for the warranty service.

Supplied Components

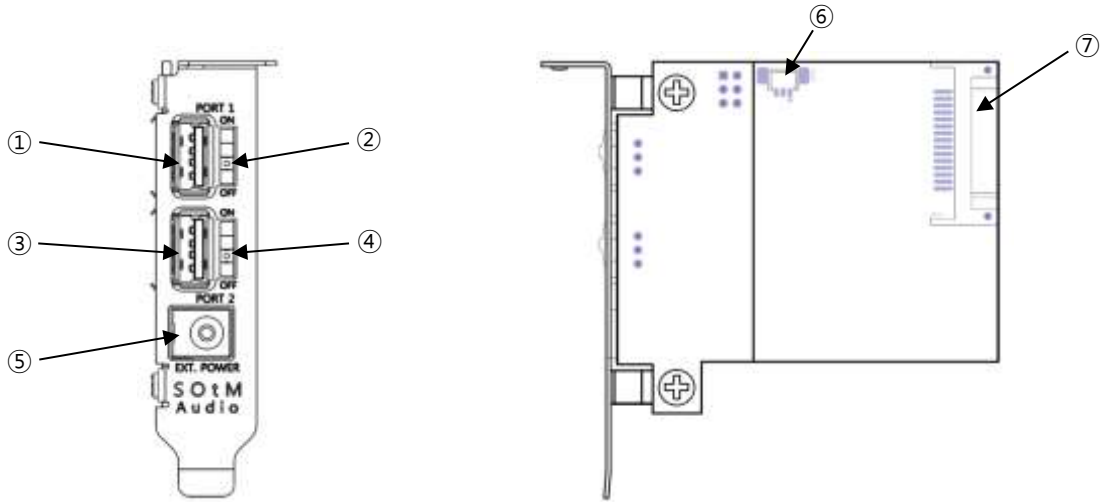
- tX-USBhubIn Unit with Slim size bracket
- Standard size bracket
- Internal USB cable to connect the computer main board
- Gender changer to connect 2.54mm USB header
- Gender changer to connect 2.0mm USB header
- Operating Instruction



Specification

- USB host interface
 - 3 pins internal USB signal connector
 - Connecting to the computer main board USB header by the internal USB cable
- USB output Port
 - Type A USB 2.0 connector x 2
 - USB power on/off switch
- USB interface chip set
 - USB 2.0 Compliant HUB controller
 - HS(480 Mbps), FS(12 Mbps), LS(1.5 Mbps) support
- Internal power input
 - Input voltage : +12.0V(+0.5V, -0.5V)
 - Input current : 2A max
 - 15pin SATA power connector
- External power input
 - Automatic external power selection
 - Input voltage : +6.5V ~ +9Vdc
 - Input current : 2A max
 - 5.5mm OD, 2.1mm ID adaptor jack
- USB port output power
 - Output voltage : +5.0V(+0.5V, -0.25V)
 - Over current protection : 0.8A at 20°C
 - Recommend output current : 0.5A >
- Operating environment
 - Operating temperature : +10 ~ +30°C
 - Storage temperature : 0 ~ +40°C
 - Operating & storage humidity : 10% ~ 90%

Product outline



- ① USB port 1 : connect USB device.
- ② Power switch of USB port 1 : Switch to ON if the connected USB device uses USB power. Otherwise, switch to OFF.
- ③ USB port 2 : Connect USB device.
- ④ Power switch of USB port 2 : Switch to ON if the connected USB device uses USB power. Otherwise, switch to OFF
- ⑤ External power input jack : Connect the external power of 6.5Vdc ~ 9Vdc, 2A to feed external power. (5.5mm OD, 2.1mm ID)
- ⑥ Internal USB port connector : Connect to the computer main board USB header connector by the internal USB cable and the gender changer.
- ⑦ Internal power connector : Connect to the SATA power cable inside of PC.

Precaution

- Recommend using one USB port at the same time. If you use both USB ports at the same time, sound quality may degrade.

How to use

- tX-USBhubIn is 2 ports USB2.0 hub designed for the best USB audio performance.
- Install one of the supplied brackets to the products according to the height of PC case.
 - The slim size bracket is assembled with the product, so if the PC case is the slim size, don't need to change the bracket.
 - If the PC case is the standard size, unscrew the slim size bracket and replace to the standard size bracket and fasten the screws.
- Open the PC case and place the product into the empty card slot. Fasten the product bracket by using the screws of PC case.
- Connect the internal USB port connector of the product to the USB header connector of the computer main board
 - Use the internal USB cable and the gender changer to connect them accordingly.
 - If the pitch of main board USB header connector is 2.54mm like a standard main board, use the 2.54mm gender changer.
 - If the pitch is 2.0mm like a Intel NUC board, use the 2.0mm gender changer.
 - Connect the product to the main board by the gender changer and the internal USB cable.
- Connect SATA power cable to the internal power connector of the product.
- Connect 6.5Vdc ~ 9Vdc, 2A power to the external power input jack if wanted to use the external power.
 - Disconnect the internal power connection if used the external power.
- Place USB power switch to OFF if the USB device doesn't use +5V of USB port.
- Close the PC case and connect one of USB ports of the product to a USB device by external USB cable.
- The product will be recognized and operate automatically without the driver installation once PC is powered on.

