How to install tX-USBhubIN with sCLK-12.0

Product user guide

The combo of tX-USBhubIN and sCLK-12.0 leads the audio sound quality to the utmost. The sCLK-12.0 helps tX-USBhubIN to perform the higher level of purified, detailed and accurate sound by purifying audio band jitter noise.
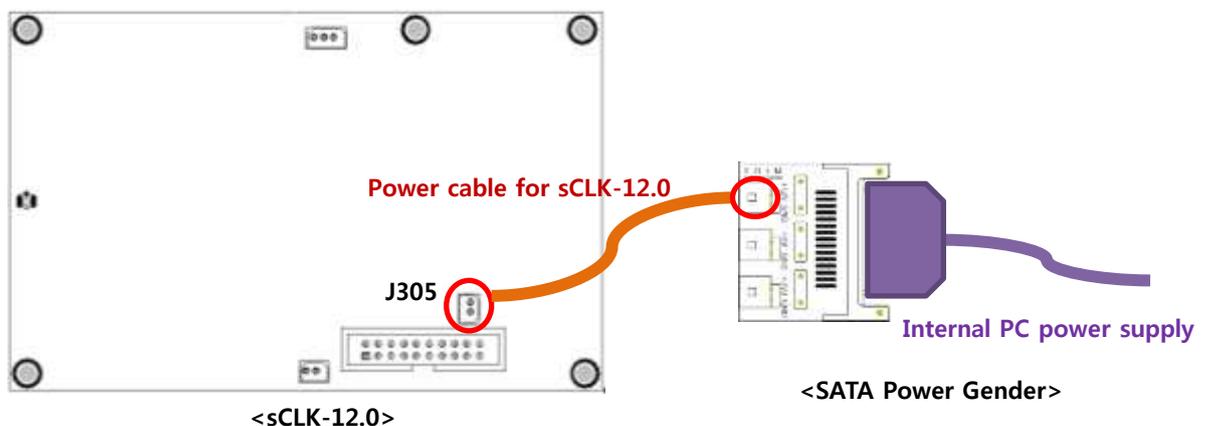
Precaution

The combo includes the modified tX-USBhubIN kit, the original tX-USBhubIN can not be used with sCLK-12.0 without the special modification.

Supplies

- tX-USBhubIN Kit
- sCLK-12.0 with bracket
- RF Cable for Clock Signal : 40cm
- SATA Power Gender
- Power Cable for sCLK-12.0 : 30cm

How to install the combo

1   Install tX-USBhubIN

   1.1   Please refer to 'tX-USBhubIN operating instruction' to install tX-USBhubIN properly.

2   Install sCLK-12.0

   2.1   Put sCLK-12.0 with bracket into the 3.5inch bay inside of PC.

   2.2   Power to sCLK-12.0 by the internal PC power supply

      2.2.1   Connect the supplied power cable for sCLK-12.0 from the J305 connector on sCLK-12.0 to 12Vdc connector on SATA Power Gender.

      2.2.2   Connect the internal PC power supply to the SATA Power Gender.

Power cable for sCLK-12.0

J305

Internal PC power supply

<SATA Power Gender>

<sCLK-12.0>

2.3   Power to sCLK-12.0 by the external power

For using the external power to sCLK-12.0, the tX-USBhubIN should be connected to the external power.
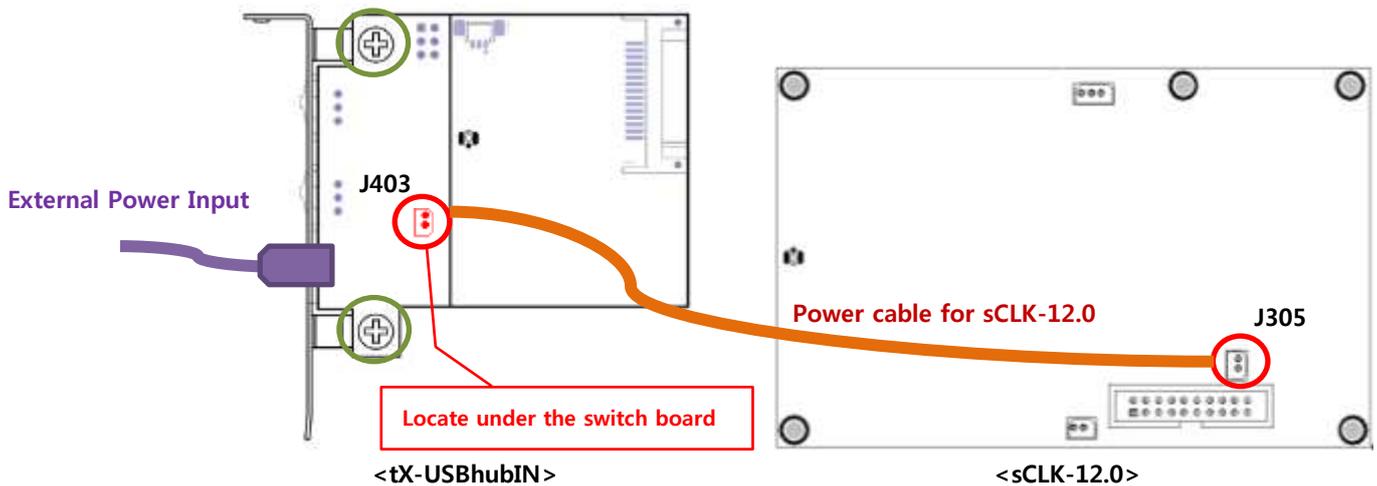
And also the internal power connection is recommended to be made for the safety use.

2.3.1   Separate the switch board of tX-USBhubIN by unscrewing 2 Philippe screws.

2.3.2   Connect the supplied power cable for sCLK-12.0 from the J305 connector on sCLK-12.0 to the J403 on tX-USBhubIN.
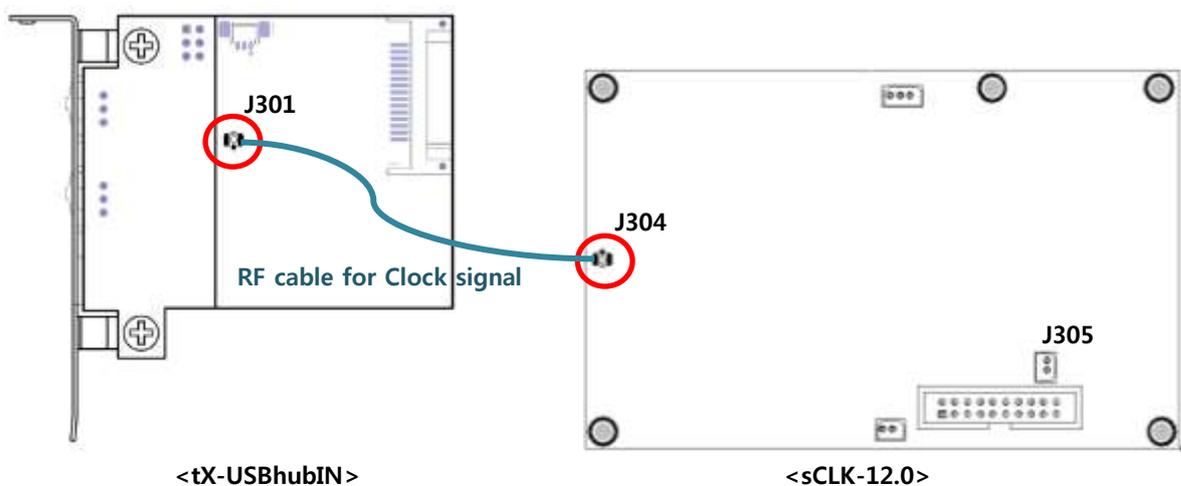
2.3.3   Assembly the switch board back by screwing 2 Philippe screws.

2.3.4   Connect the regulated 9V/2A external power to tX-USBhubIN.

External Power Input

J403

Power cable for sCLK-12.0

J305

Locate under the switch board

<tX-USBhubIN>   <sCLK-12.0>

3   Connect tX-USBhunIN and sCLK-12.0 by the RF cable

3.1   To transfer the clock signal, connect J301 RF connector on tX-USBhubIN to J304 RF connector on sCLK-12.0 by the supplied RF cable.

J301

J304

RF cable for Clock signal

J305
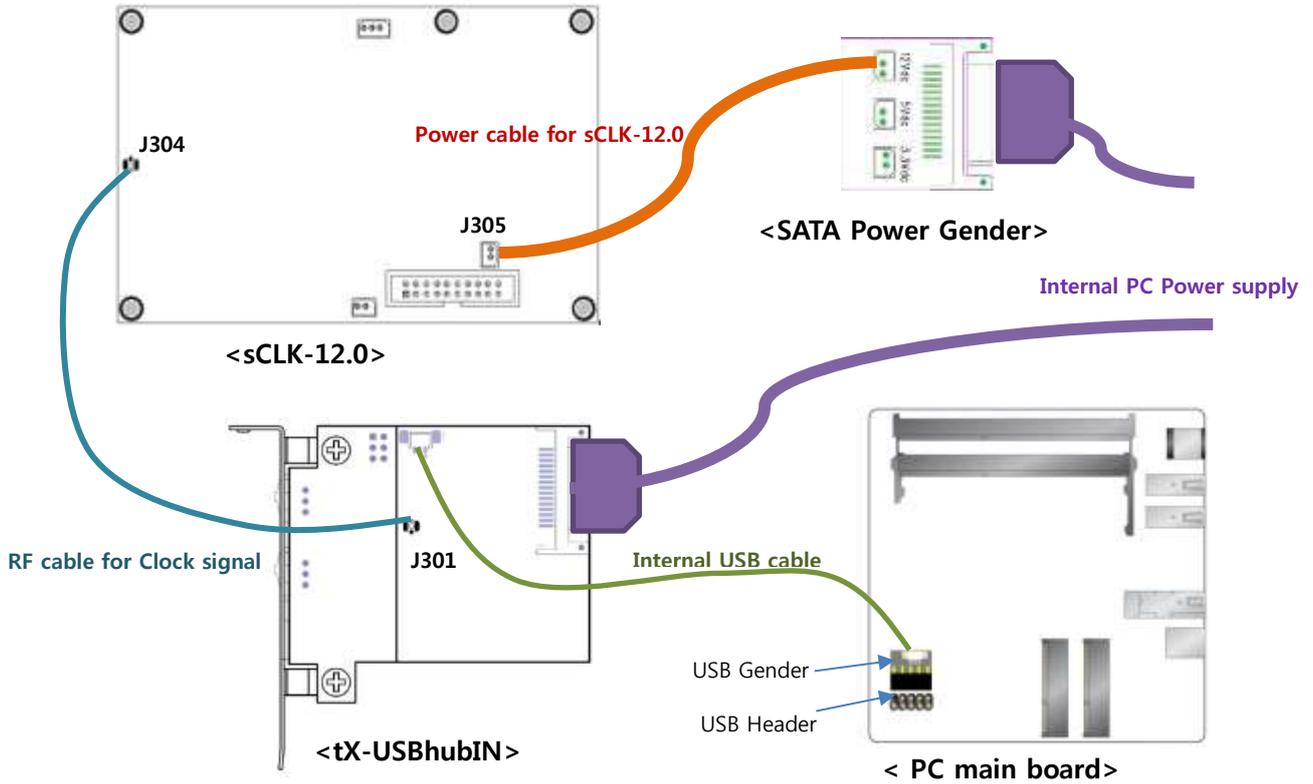
<tX-USBhubIN>   <sCLK-12.0>

4   Close the PC case and connect one of tX-USBhubIN USB ports to a USB device and the combo will operate automatically without installing the driver once PC is powered on.

Block Diagram

■ **Using the internal PC power**

J304

Power cable for sCLK-12.0

J305

<SATA Power Gender>

Internal PC Power supply

<sCLK-12.0>

RF cable for Clock signal

J301

Internal USB cable

USB Gender

USB Header

<tX-USBhubIN>

< PC main board>

■ **Using the external power**

J304

J305

SATA power cable for sCLK-12.0

Internal PC power supply

<sCLK-12.0>

RF cable for Clock signal

J301

External Power Input

J403

Internal USB cable

USB Gender

USB Header

<tX-USBhubIN>

<PC main board>