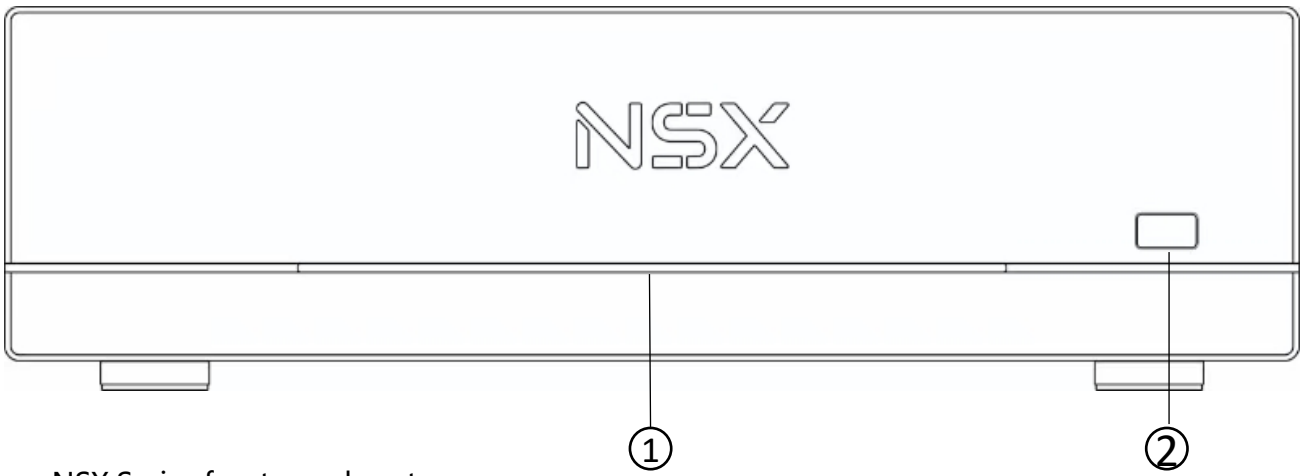
NAX Series Quick User Guide (V1.1)

Special Note

The NSX board cannot be directly removed or replaced from the outside by oneself. Damage caused by self-removal of the board is not covered under warranty.

Hardware Specification

Front Panel



NSX Series front panel ports:

1	Host Power-on Indicator Light
2	Host Switch

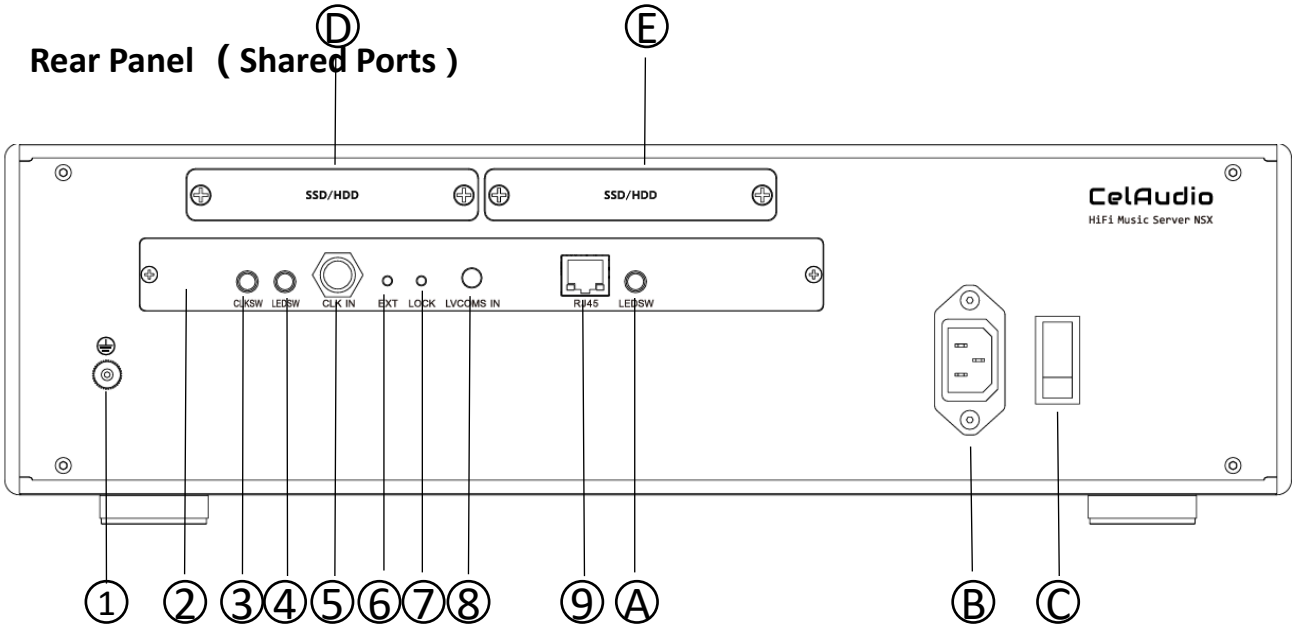
Notes

1. The Indicator Light and Host Switch on the front panel are only used to display and control whether the NSX is powered on. The power supply status of the clock system is independent of this Indicator Light and Switch. Only when the Device Power Switch on the rear panel is turned off will the power supply to the clock system be cut off.

2. Due to the power-off protection and corresponding timing control implemented in the clock system, short-term switching off/on of the Device Power Switch on the rear panel or momentary power loss followed by power restoration may result in the network port and USB port not being detected. After each time the rear-panel Device Power Switch is turned off or a power loss occurs, you must wait 120 seconds before turning it on again to ensure the normal operation of NSX. The Host Switch on the front panel can be used to shut down the host system at any time, and this will not affect the clock system.

3. The USB chip firmware of the NSX is loaded each time the Device Power Switch is turned on and the system is started for the first time (the main purpose is to continuously optimize the USB working mode through software upgrades in the future to provide better sound). After the software is loaded successfully, the system will restart automatically, and the USB will enter the normal working state only after the restart. When the Device Power Switch is turned off, the firmware of the USB card disappears automatically. Therefore, the first time the NSX is turned off and then turned on again via the rear panel Device Power Switch, it will be relatively slow.

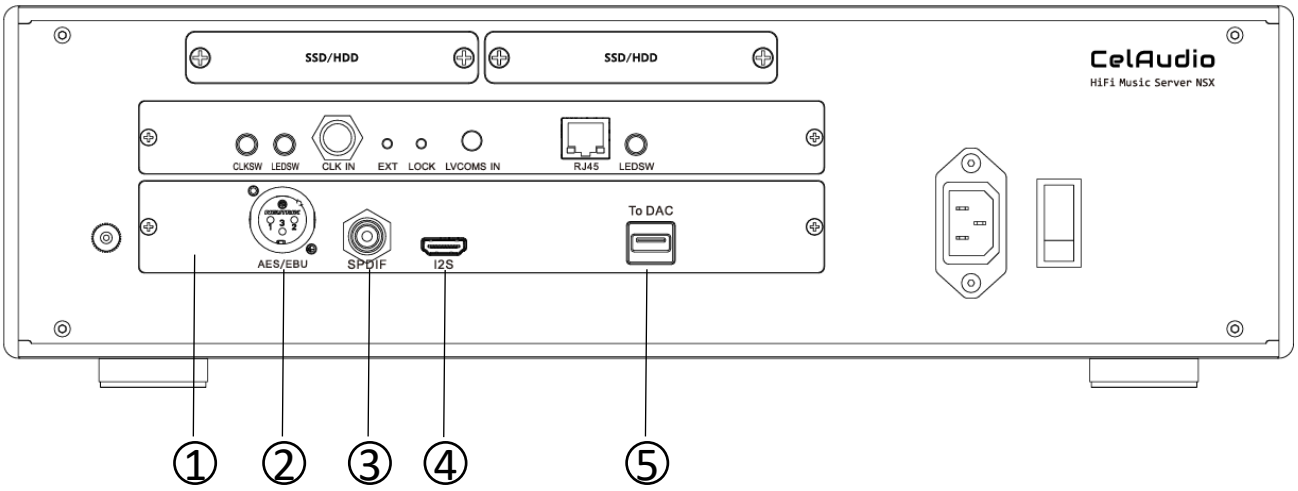
Rear Panel （Shared Ports）



NSX Series rear panel ports(shared ports)：

1	Digital Ground
2	Network Clock Card
3	External Clock Input Switch. Pop out to select SMA input; press in to select BNC input
4	Clock Indicator Switch. Pop out to turn off the indicator; press in for normal clock indicator display
5	BNC Clock Input，50Ω，10MHz，≥0.6V RMS
6	External Clock Input Indicator. Light on for BNC input; light off for SMA input
7	External Clock Input Lock Indicator. Light on for successful lock; light off when external clock is unlocked
8	SMA Clock Input. Only supports 50Ω 10MHz LVCMOS signal
9	10/100/1000M RJ45 Network Port
A	Ethernet Port LED Indicator Switch. Pop out to turn off the indicator; press in for normal display of LED
B	AC Power Socket
C	Device Power Switch
D	SSD/HDD Bay 2
E	SSD/HDD Bay 1

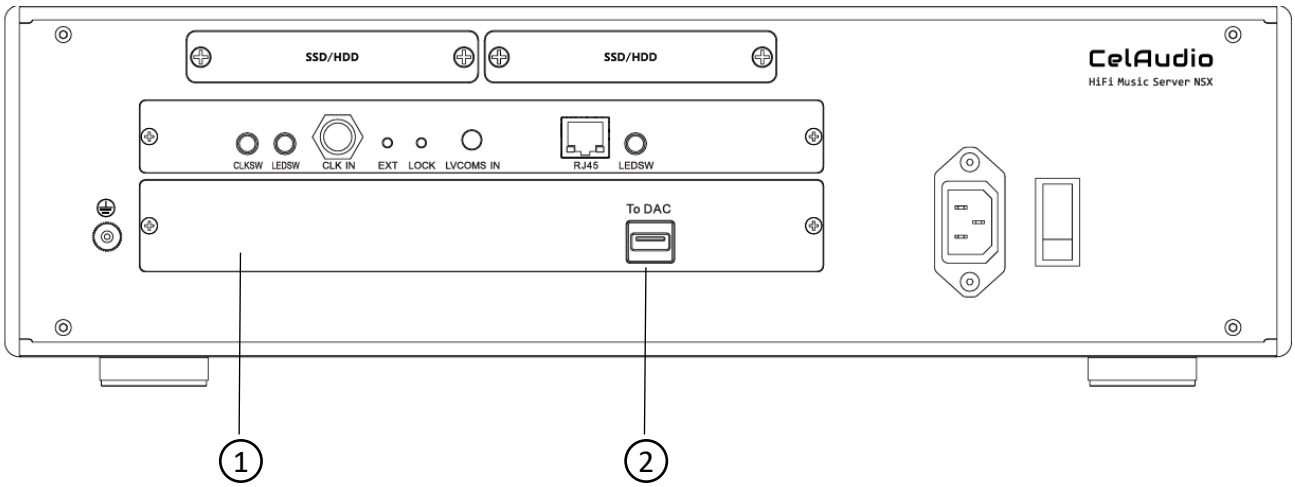
Rear Panel(Digital USB Card)



NSX Digital USB Card ports：

1	Digital USB Card
2	AES Port
3	SPDIF Port
4	I2s Port
5	USB 2.0 Port

Rear Panel(USB Card)



NSX USB Card ports:

1	USB Card
2	USB 2.0 Port

Software Introduction

The NSX series software comprises two main components. To ensure you always have access to the latest software instructions, please download the online documentation yourself.

Host OS Control:
It is mainly used to manage the host operation, such as initializing disks and enabling the NAS function. The operation manual for this part can be downloaded from the following URL or from the group files of the official technical support QQ group.

http://www.celaudio.com/documents/celmusperos/celmusperos_latest.pdf

Music Playback Software Operation:
It is mainly used for managing and playing music. Due to its relatively complex operation method, which is not easy to demonstrate through text and images, please refer to the tutorial videos under the official CelAudio account on the Bilibili video website. The videos can also be downloaded and viewed in the official technical support QQ group.

https://www.bilibili.com/video/BV18e4y147Fp/?spm_id_from=333.999.0.0

Official Technical Support QQ Group： 738178085

Typical Device Connection