

Precaution

Please read this user manual carefully before using the product.

- Do not disassemble or modify the product.
- Do not subject the product to strong impacts or excessive vibration.
- Do not use damaged cables or cables with exposed wiring.
- This product is intended for indoor use only. Do not use it outdoors.
- The appearance, components, and specifications of this product are subject to change without prior notice for performance improvements.

Warranty & Service Information

- Limited Warranty
 - This product is covered by a one-year limited warranty from the date of purchase. Under normal operating conditions, this warranty covers defects in materials or workmanship. However, it does not cover failures or damage caused by force majeure, including natural disasters.
- Paid Repair Service : Repair service will be provided at the customer's expense in the following cases:
 - The warranty period has expired.
 - Damage or malfunction caused by customer misuse or negligence.
 - Damage caused by external impact or accidents.
 - Damage resulting from natural disasters such as earthquakes, floods, or lightning.
 - Shipping costs associated with paid repair service are the responsibility of the customer.
- Examples of Customer Misuse : The following situations are considered customer misuse and are not covered under the free warranty:
 - Disassembling or modifying the product without authorization.
 - Failure to follow the operating instructions provided in this user manual, resulting in product malfunction or damage.
- Before Requesting Service : Before requesting repair service, please carefully review this user manual and the Q&A section on the product page of our website.

Package contents

- An sCLK-OCX10ultra unit
- Operating instruction



Ultimate High Performance Audio

Specifications

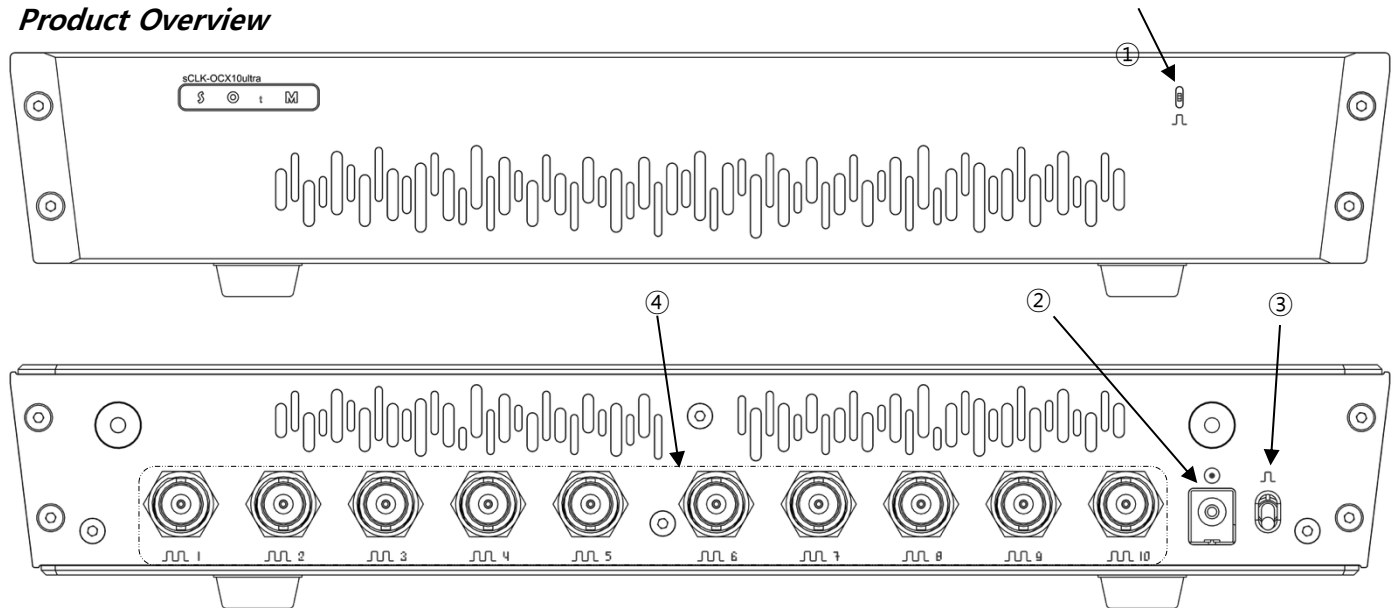
- User interface
 - Operating indicator LED x1
- Output clock signal
 - Frequency : 10.000MHz sine wave
 - Typical Output level : > 9dBm(1.783Vpp@50Ω), ±2dBm
 - All isolated clock output
 - Output connector
 - 50Ω BNC connector x 10
 - Optional 75Ω BNC connector available
- Typical Phase noise(dB/Hz) of internal OSC
 - 10Hz : -145
 - 100Hz : -160
 - 1KHz : -165
 - 10KHz : -168
 - 100KHz : -170
- Temperature stability(0 to +50°C) : ±5ppb
- DC power input
 - Input voltage : 12Vdc
 - Voltage tolerance: -0.05Vdc, +0.5Vdc
 - Input current : 3A max
 - 5.5mm OD, 2.1mm ID adaptor jack
- Operating environment
 - Operating temperature : +10 ~ +30°C
 - Storage temperature : 0 ~ +40°C
 - Operating & storage humidity : 10% ~ 90%
- Dimension
 - 298 x 227 x 50(mm)
- Weight
 - 1.7 Kg >

Product Description

- The sCLK-OCX10ultra is a high-end Master Clock Generator designed to generate master clock signals—the vital core of any digital audio system—with ultimate purity and precision.

Featuring 10 independent BNC outputs, this device enables perfect, simultaneous synchronization of multiple digital source devices within your audio system. Synthesizing SOTm's proprietary analog circuit expertise and ultra-precision oscillator technology, the sCLK-OCX10ultra delivers an extraordinary level of sound quality improvement that surpasses previous standards. It faithfully reproduces hidden details and the vivid, dynamic energy of musical instruments. We invite you to personally experience the ultimate soundstage and profound artistic emotion that a digital audio system can achieve.

Product Overview



- ① Power Indicator LED
- ② DC Power Input Jack: Connect a 12Vdc power supply to power the unit (5.5mm OD, 2.1mm ID).
- ③ Power On/Off Switch : A2-position toggle switch that operates as follows: .
Up position : Power ON
Down position : Power OFF
- ④ 10MHz Output Connectors: Connect to your digital devices using 50Ω or 75Ω BNC cables to supply the 10MHz clock signal, depending on your product option.

Note: Black output connectors indicate 50Ω impedance, and white connectors indicate 75Ω impedance.

Important Notice

- CRITICAL: Always turn off the power to all connected devices before connecting or disconnecting BNC cables.

Operation

- **Turn off** the power to all devices to be connected.
- Check the output connector option of your sCLK-OCX10ultra. Using either a 50Ω or 75Ω BNC cable based on the connector color (Black for 50Ω, White for 75Ω), connect the unit to the device requiring the 10MHz clock signal.
- Ensure that the voltage of the power supply to be used with the sCLK-OCX10ultra is **exactly 12Vdc**, then connect it to the DC Power Input Jack on the rear panel.
- Turn on the power supply. The Power Indicator LED on the front panel will light up, indicating the unit is operating.
- Turn on your other audio devices and enjoy your music.