SIMPLE MANUAL

RS150 Quick Guide
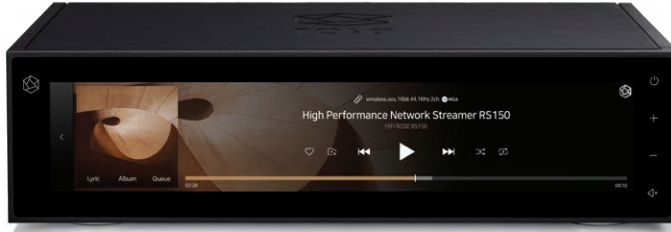
rose

1. Safety Precautions

Warning

· Do not apply excessive force to the product, throw or give impact to the product using sharp objects.

· When used by children, a protector or a guardian should give guidance, and check if safety precautions are being followed.

· Use the device within 0℃ to 40℃, and avoid to use in high temperature and high humidity environment. If the product is used in an enclosed environment with high temperature below 0℃ or in a sauna, it may cause breakdown, corrosion, heat generation or ignition. Do not put it in an enclosed space. Moisture or liquids can also damage the surface and circuit components.

· Always use adapters that are certified by ROSE. Other power adapters may cause malfunction or damage the product (degradation in performance).

· Do not spill waste or liquid on the product. This may damage the parts and circuit. If the product gets wet, contact the nearest service center without turning on the power. However, free aftersale repair service is not available in this case.

· Do not connect antennae or accessories, which are not certified by ROSE, and do not place the product on objects that can cause jamming.(steel desks, microwave, etc.)

· The product is sensitive to radio waves, and its performance can be degraded when used near steel objects or electromagnetic devices.

Caution

· The contents in the instruction manual are based on the default settings of the product.

· Instruction manual can be modified without notice to users for the improvement of the product's performance.

· Features and additional services of the product can vary by software and service providers.

· Data(Pictures, Music, Video Files, etc.) other than the default bell and pictures can be deleted due to carelessness of users or due to product failure and its repair works. ROSE is not liable for damages caused by data loss.

· If you use Bluetooth with 2.4Ghz wireless LAN together, WiFi connection may be slow or Bluetooth audio may not work properly due to signal interference. If you wnat to use them at the same time, it is recommended to use the wireless LAN connection in 5Ghz band.

· Do not use chemical solutions(alcohols, thinners, solvents, etc.) or detergents to clean the product. Rubbing the product using chemical solutions may generate heat and cause fire. Use a soft cloth or a towel for cleaning.

· Do not dismantle, modify, or repair the product at user's will. Free aftersale services will not be available in such cases. If a malfunction occurs, please contact a designated service center for repair.

· Only the programs provided by the manufacturer can be used. If a randomly generated file or a userdeployed file is transferred to the product, it may cause an operation error or cause serious damage to the product. ROSE is not liable for any issues stemming from such case.

· If the touchscreen is damaged, do not touch as it may cause injuries. Call service center for help.

· Due to software update and service provider, it may change features and additional services.

· Install it near to the outlet to remove the plug easily.

2. List of Component

Product

Power Cord

Manual

Bluetooth Remote
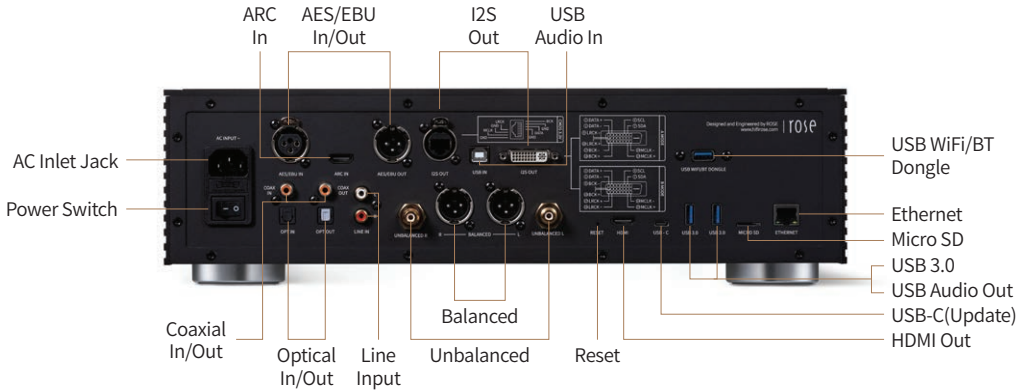Controller

Screw for SSD

Battery for Remote
Controller

WiFi/BT Dongle
(sold separately)

3. Button's Location and Function

Front Side

Power

Volume

Mute

Multi-touch IPS Wide-view LCD

Rear Side

ARC In

AES/EBU In/Out

I2S Out

USB Audio In

AC Inlet Jack

Power Switch

Coaxial In/Out

Optical In/Out

Line Input

Balanced

Unbalanced

Reset

USB WiFi/BT Dongle

Ethernet

Micro SD

USB 3.0

USB Audio Out

USB-C(Update)

HDMI Out

4. Connection and Operation

Power Button

· Turn ROSE on or off.

· Push power button in 3 seconds, ROSE shows 'Screen off', 'Power off' and 'Reboot'.

🖵 OFF	LCD OFF	Playing sound on screen off status. When it is screen off, it will be screen on after push power button. ※ It is fu nction which only turn off the screen.
⏻	Power OFF	Power is off.
↻	Reboot	ROSE is reboot.

※ To cancel, touch any screen other menu.

· Push power button in 5 seconds, it would be reboot.

· Power button LED status : Screen on (LED OFF) / Screen off (LED ON)

Bluetooth Remote Controller Pairing

Push remote controller home(🏠) and option button(☰) same time for 3 seconds ▶
BT Remote controller's red LED will light on ▶ Choose setting(⚙) ▶ BT setting ▶
BT switch on(🔘) ▶ Register new device ▶ Select 'ROSE RCU' from the list of available devices ▶
Pairing is completed when 'ROSE RCU' is selected from registered devices

※ Provided battery usage time is about 4 months but it depends on your usage patterns.
  Due to battery discharging, it would be happen malfunction so change new battery.
※ To get to know button function and BT connection, please refer to the detail manual.

Inserting / Removing an External Memory Card

· An external Micro SD, USB, SSD are supported.

· MicroSD Card capacity is compatible up to 400GB, USB is up to 512GB and SSD is up to 4TB.

Inserting SSD

❶ Loosen bottom of screws(2ea) ▶ ❷ Push OPEN indicator, seperate SSD cover ▶
❸ Put SSD on the SSD cover ▶ ❹ Fix SSD by screws in the box ▶
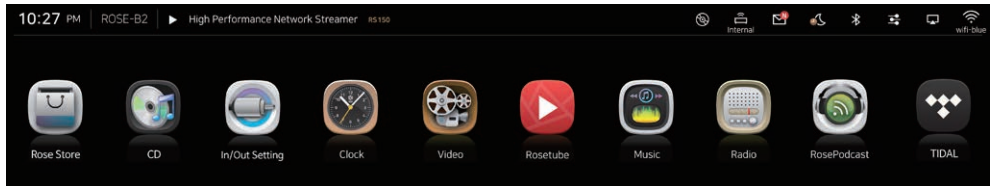❺ Assemble the cover ▶ ❻ Push LOCK indicator and tighten screws

※ SSD is optional, Only 7mm height is supported.
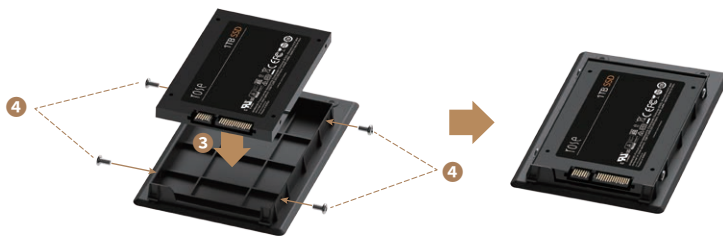
5. Home Screen and Menu Widget

Home Screen

· Display icons. Move on to other menus by the left/right scrolling.
· **Upper Bar** : Displays the Time. Product ID(changeable). Playlist of music currently playing. External input(LOCAL, DIGITAL, LINE INPUT, HDMI(ARC), USB IN, AES/EBU). Displays Alarm. Sleep Timer. Bluetooth. DLNA. Airplay. WiFi or Ethernet Connection
· **Menu Widget** : Move on to other menus by the left/right scrolling

Icon of Menu

	Music	Play Music from Memory or Network.
	Radio	Listen to the Internet Radio.
	ROSE Tube	Enjoy YouTube contents without ads.
	ROSE Podcast	Enjoy Podcast contents.
	TIDAL	You can log in to Integrated TIDAL and play the music.
	CD	Rip or Play CD music using USB CD ROM.
	Video	Play Video from Memory or Network.
	Clock	Check time and set the Alram. Check location to get weather information.
	Setting	Show RS150 information and edit setting.
	In/Out Setting	Input setting of LOCAL, DIGITAL, LINE INPUT, HDMI(ARC), USB IN, AES/EBU and Output setting of INTERNAL DAC, USB DAC, HDMI.
	ROSE Store	You can update ROSE Tube, TIDAL, ROSE Podcast App.

Moving Screen Icons

	Home Button	Move to main page.
<	Backward Button	Move to previous page.

Icon on The Top of Screen

· These icons indicate the device status, and can be confirmed in the alarm bar at the top end of the screen.

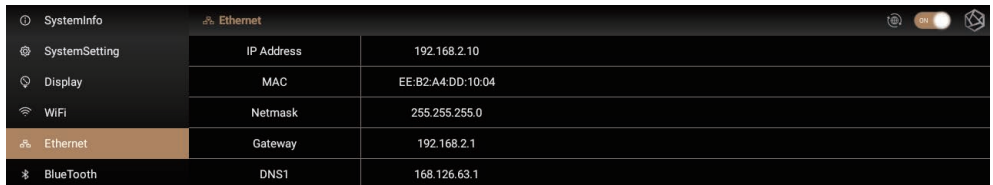|		
	Icon for CD Ripping connection status.	
	This is an external input icon and shows the connection status of LOCAL, DIGITAL, LINE INPUT, HDMI(ARC), USB IN, AES/EBU. You can do this by clicking the Input icon in the In/Out setting menu of the home screen.( )	
	Incoming New Alarm, check the mail box.	
	Sleep timer setting.	
	Bluetooth device is connected.	
	DLNA is connected, it would be restart when click. (White : Booting / Gray : Connection off / Flickering : Connecting)	
	Airplay is connected, it would be restart when click. (White : Booting / Gray : Connection off / Flickering : Connecting)	
	WiFi and Ethernet Signal Reception, Move to network setting when click.	

6. Internet Connection

Ethernet Connection

Connect Ethernet connector to the socket ▶ Click on Settings(⚙) ▶ Move to Ethernet Settings ▶
Activate Ethernet switch(⬤⃝) ▶ Connected
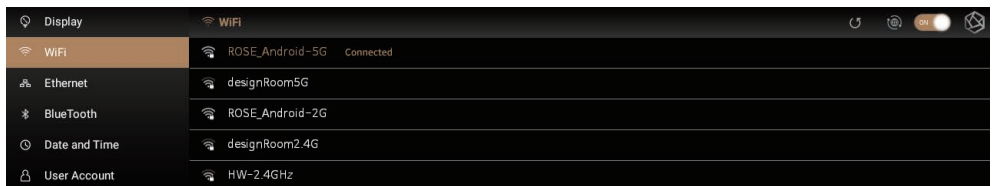
① SystemInfo	⛶ **Ethernet**	
⚙ SystemSetting	IP Address	192.168.2.10
♀ Display	MAC	EE:B2:A4:DD:10:04
⬤ WiFi	Netmask	255.255.255.0
⛶ Ethernet	Gateway	192.168.2.1
✳ BlueTooth	DNS1	168.126.63.1

WiFi Connection

· You can use WiFi by connecting the WiFi dongle to the back.

Select Settings(⚙) or WiFi icon(⬤) ▶ Move to WiFi Settings screen ▶ Activate WiFi switch(⬤⃝) ▶
Select searched device ▶ (Input PW) ▶ Connected

♀ Display	⬤ **WiFi**
⬤ WiFi	⬤ ROSE_Android-5G Connected
⛶ Ethernet	⬤ designRoom5G
✳ BlueTooth	⬤ ROSE_Android-2G
① Date and Time	⬤ designRoom2.4G
⒜ User Account	⬤ HW-2.4GHz

7. Connecting Mobile Devices

AirPlay Connection

· For Android devices, go to Play Store(Google Play) and install Applications that support AirPlay to begin connection.

· You can check whether the AirPlay service( ) is running or not by the color of AirPlay icon at the top end of Home Screen. (Flashing in White : Booting / White : connection available or connected / Blue : Not used)

· For AirPlay service, RS150 and the device should be connected to the same AP (Wireless Network)

DLNA Connection

· RS150 and DLNA device should be connected to the same AP (wireless network).

· When DLNA is activated, You can connect it after appearing RS150 in the App.

> Execute DLNA support App ▶ Select Device ▶ Connect to ROSE

· When DLNA is connected, the following screen appears and the music is played.

mp3 16bit 44.1KHz 2ch
High Performance Network Streamer RS150
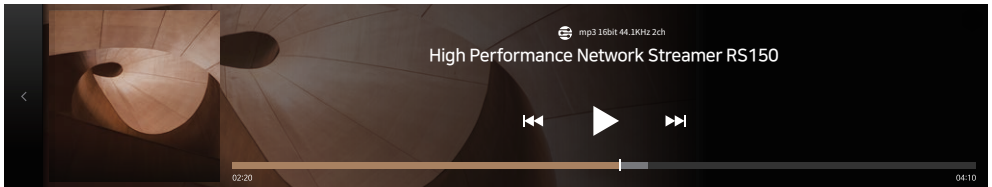
Connecting to Home Network

· RS150 can play files from PC and NAS.

> Select music( ) or video( ) in homescreen ▶ Select Folder Button ▶ Select Network Folder ▶ Select
> a device to connect to ▶ Input ID/PW ▶ (Check on public, in case the equipment has no PW) ▶ Confirm

· RS150 and PC or NAS should be connected to the same AP (wireless network). And in your PC, folders should be set as 'shared'.
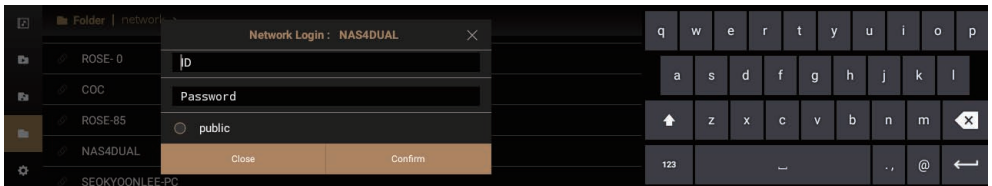
· If the information you input is correct, folders and files of the shared device will appear as shown next.
· Select files to play music and videos.
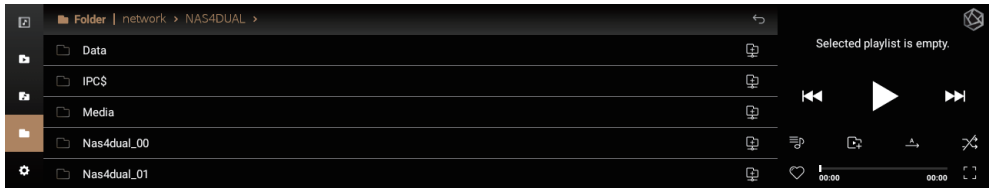
HDMI

· You can find out the HDMI icon( ) in the top of right when RS150 is processing Video or ROSE Tube. Showing video clips on TV, Mornitor via HDMI cable after click icon. Select files to play music and videos. click previous icon( ) or seperate HDMI cable , but Video still play on RS150 display.

ROSE Connect (Remote App)

· Searching ROSE Connect in App store, Google playstore, It is a variable to download and setup.
· RS150 and ROSE Connect must be connected to the same AP (wireless network) and
 ROSE Connect can remotely control RS150. (Music, Video, Radio, ROSE Tube, ROSE Podcast,
  TIDAL, Device option setting, and Remote control functions such as Volume / Power.)

GET IT ON
Google Play

Download on the
App Store

MQA (Master Quality Authenticated)

· MQA is an award-winning British technology that delivers the sound of the original master recording. The master MQA file is fully authenticated and is small enough to stream or download.
· RS150 includes MQA technology, which enables you to play back MQA audio files and streams, delivering the sound of the original master recording.
· The green or blue dot next to MQA logo indicates that the unit is decoding and playing an MQA stream or file, and denotes provenance to ensure that the sound is identical to that of the source material. It glows blue to indicate it is playing an MQA Studio file, which has either been approved in the studio by the artist/producer or has been verified by the copyright owner.
· Visit mqa.co.uk for more information.
· MQA and the Sound Wave Device are registered trade marks of MQA Limited.© 2016

Roon Tested program

· Being Roon Tested means that HiFi ROSE and Roon have collaborated to ensure you have the best experience using Roon software and HiFi ROSE equipment together, so you can just enjoy the music.

8. Specifications

Part		Specifications
OS		Customized Android 7.1
Design	Size	430(W)×316(D)×123(H)mm
	Weight	13Kg
	Body	Milled from Solid Block of High Purity Aluminum, Minimizing Vibrations and Noise
	Display	14.9 inch Wide HD IPS Touch Screen LCD
CPU	Hexa Core CPU	Dual-core Cortex-A72 up to 1.8GHz Quad-core Cortex-A53 up to 1.4GHz
GPU		Mali-T864 GPU, OpenGL ES1.1/2.0/3.0/3.1, OpenVG1.1, OpenCL, DX11
MEMORY		LPDDR3 4GByte
DAC		Asahi Kasei VERITA **AK4499EQ**
Network connection	Ethernet	10/100/1000 BASE-T
	WiFi	External USB type WIFI Dongle supported
	Bluetooth	BT：External USB type BT Dongle supported. (A2DP Sink, AVRCP v1.3) *A few types of WiFi, BT dongle are not supported
Audio Service	Streaming	Airplay / DLNA / **Roon Tested** / **MQA Full Decoder**
	Music Service	Tidal / RoseTube / Internet Radio / RosePodcast
In/Output	Audio Input	Optical x1, COAX x 1, Line-IN x 1, AES/EBU x 1, **HDMI ARC** x 1, USB DAC x 1
	Audio Output	Optical x1, COAX x 1, Pre-OUT (Balanced x 1, Unbalanced x 1), I2S-DVI x 1, I2S-RJ45 x 1, AES/EBU x 1,
	Video Output	HDMI 2.0 x 1 (up to 3840 x 2160 / 60Hz)
	Media Connection	File system：SMBv1, SMBv2 / FTP / WebDav / NTFS /eXfat / FAT32 Storage interface：USB3.0 x 2, micro sd x1 , ssd x 1
Supported Codec	Audio	MQA, WAV, FLAC, AIFF, WMA, MP3, OGG, APE, DFF, DSF, AAC, CDA, AMR, APE, EC3, E-EC3, MID, MPL,MP2, MPC, MPGA, M4A PCM : 8KHz~768KHz(8/16/24/32bit per Sample) Native DSD: DSD64(2.8MHz)/DSD128(5.6MHz)/DSD256(11.2MHz)/ DSD512(22.4MHz)
	Video	ASF, AVI, MKV, MP4, WMV, MPEG-1, MPEG-2, MPEG-4 H.263, H.264, H.265, VC-1, VP9, VP8, MVC, H.264/AVC, Base/Main/High/High10 profile@level5.1 up to 4Kx2K@30fps H.265/HEVC, Main/Main10 profile@ level 5.1 High-tier up to 4Kx2K@60fps
Power	Input Voltage	AC100-230V 50/60Hz
	Input Power	55W
	Fuse	T3.15AL / 250V
Update		SW update via internet, USB OTA, ROSE Store
Remote Control Feature	Remote Controller	Bluetooth Remote Controller
	Remote App	ROSE Connect (Android, iOS) / Google PlayStore, App Store
Accessory		Power Cord x 1, Bluetooth Remote Controller x 1 (AAA Battery x 2), Quick guide x 1, SSD Screw x 4, WiFi/Bluetooth Dongle x 1 (sold separately)

9. Quality Certification

Model Name	RS150
Date of Purchase	Year : 20 , Month : , Date:
Place of Purchase	Firm Name
	Telephone
Serial No.	
Telephone	
Term of Guarantee	1 Year from the Date of Purchase

- **Name of the company that received the conformity assessment :** CITECH Co. Ltd
- **Country of manufacture :** South Korea
- **Identification code of authenticated person :** SYH
- **Authentication number :** R-R-SYH-RS150

Things to check before contacting a service center

- Please restart the product if touch does not work or if the screen freezes. If you press and hold the power key longer than 5 seconds, it will be forcibly rebooted.
- The product might be heated by the internal heat. However, this does not affect the life and performance. Please use with confidence.
- In some instances when the internet is connected, audio might break up due to weak signal, or excessive traffic. Wireless internet reception can also be delayed or disconnected. In such cases, move the location of product and try again.
- Therefore, even with the same content, there may be differences in volume, tone, etc. with other manufacturers and other models.

Homepage www.hifirose.com

- The contents of the manual are subject to change. Please download the latest version from **www.hifirose.com** Also, You can download the additional manuals for more information.
- Through the newsletter, you can get information on ROSE's latest news events and new products.

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