# SRT1 GEN2

OWNER'S
**MANUAL**

## Introduction

OSD – The Best Value in Sound

Thanks for joining the OSD owners club.

Thank you for purchasing the NERO STR1 Gen2 Single Zone Wi-Fi Smart Preamp Streamer. This single-zone preamp is ideal for commercial and residential applications. The SRT1 Gen2 is compatible with the OSD Player app for selecting and controlling multiple Sources/Music services. It can be grouped with other OSD streaming and integrated amp/preamps.

Remove the SRT1 Gen2 from the box and look over the device to ensure it is free of any damage and that all the packaging contents are accounted for before proceeding?

Connect the Wireless BT and Wi-Fi antennas to the back panel connectors. Find the DC Adaptor and connect it to the SRT1 Gen2 before plugging it into an AC outlet.

See additional connection options in this manual. Ensure the SRT1 Gen 2 is not powered On when connecting or disconnecting other devices.

If you have any questions about your SRT1 GEN2, please contact us directly.

www.osdaudio.com

email: support@osdaudio.com

Phone: 888-779-4968

## In The Box

| | |
|---|---|
| QR Manual Card | Qty: 1 |
| 12Volt 1A US Power Adaptor | Qty: 1 |
| Antennas | Qty: 2 |
| IR Remote Control | Qty: 1 |
| 3.5mm to Dual RCA Cable | Qty: 1 |
| Stereo RCA Patch Cord | Qty: 1 |
| Wall Mount Brackets | Qty: 2 |
| Wall Mount Bracket Hardware | Qty: 4 |

## WARNING

- TO PREVENT FIRE OR SHOCK HAZARD, DO NOT USE THIS PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.
- TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.
- TO PREVENT ELECTRICAL SHOCK, MATCH WIDE BLADE PLUG TO WIDE SLOT, FULLY INSERT.

| | CAUTION<br>RISK OF ELECTRIC SHOCK<br>DO NOT OPEN | |
|---|---|---|
| This lighting flash with arrowhead symbol, within an equilateral triangle, is intended to alert the use to the presence of un-insulated dangerous voltage within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons. | This lighting flash with arrowhead symbol, within an equilateral triangle, is intended to alert the use to the presence of un-insulated dangerous voltage within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons. | The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying appliance. |

## IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3 Read all warnings.
4 Follow all Instruction.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturers instructions.
8. Do not install near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. If the provided plugs does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit form the appliance.
11. Only use attachments or accessories specified by the manufacturer.
12. Unplug the apparatus during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in anyway, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

## Front Panel Description
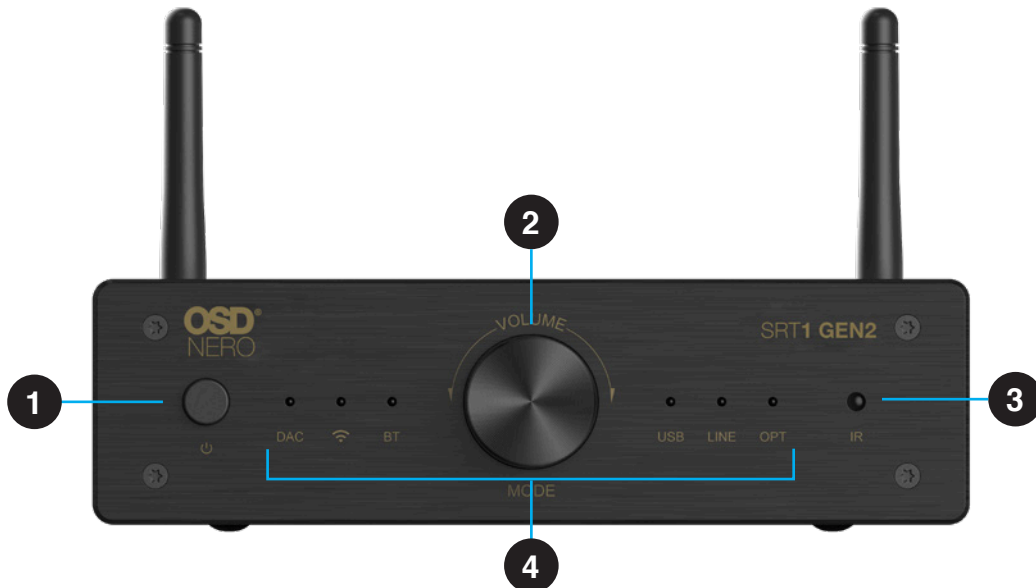


**1.** Power Switch
**2.** Volume/Mode Select Knob

**3.** IR Sensor for IR Remote
**4.** LED Status Indicators

## Rear Panel Description
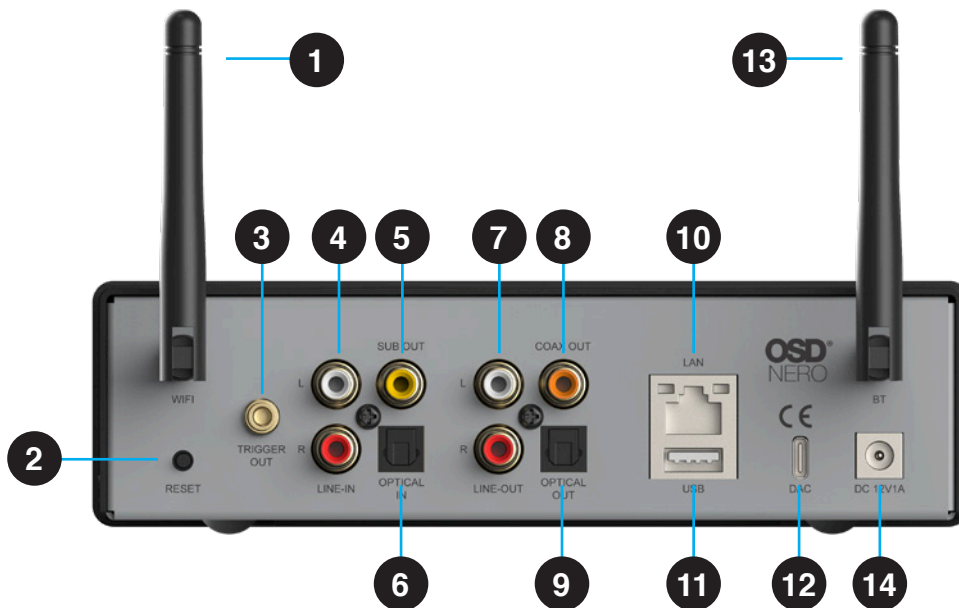


**1.** Wi-Fi Antenna
**2.** RESET Button
**3.** Trigger Output
**4.** RCA Stereo Line-In
**5.** Single RCA Subwoofer Output
**6.** Fiber Optical Input
**7.** RCA Line-Out

**8.** Digital Coaxial Output
**9.** Digital Optical Output
**10.** LAN Network Input
**11.** USB Jump Drive Reader
**12.** DAC Digital Computer Input
**13.** Wireless BT External Antenna
**14.** DC12V1A Power Supply Input

## Remote Control



LED On/Off

ON/OFF — — — Mute
USB Mode — — — AUX IN Mode
Volume + — — — Pause/play
Previous/Next
(only work in WiFi mode)
Volume - — — —
Optical Mode — — — Bluetooth Mode
WiFi Mode — — —
long press to retore to
FLAT
Treble and Bass control — — — Deep Bass
Preset Button — — —

## Connection Options Diagram



Smart Phone    Smart Tablet

Windows PC    iMAC

WiFi Connnect

Analog device
Audio RCA output

Active Subwoofer
RCA

Digital device audio
Optical output

Analog device
Audio RCA input

Digital device audio
Coax/Optical input

Smart Phone    Smart Tablet

Windows PC    iMAC

BT Connnect

Wi-Fi

Connnect to    PC

DC input

USB-C

Ethernet RJ 45
connect to network

Connect to USB
pen drive

Router

Internet

## Setup & Operation

Once the SRT1 Gen2 is connected and in the desired location, plug the included power supply into the SRT1 Gen2 and into an available AC outlet.

Note, the SRT1 Gen2 can connect directly to the network by connecting a network cable to the LAN connection on the back panel. Unlike the SRT1 Gen2 the SRT1 Gen2 can connect wirelessly as well which is especially handy in case there is no LAN connection near SRT1 Gen2 install location.

The next step is to connect the SRT1 Gen2 to your network and control the sources using the OSD Audio Player App.

### LAN Direct Wire/Cable connectivity for SRT1 Gen2

**1.** Download and install the OSD app by scanning the QR code or search "OSD Player" in the App store/Google Play store.



**OSD Player**
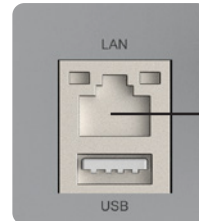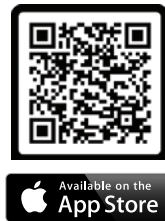
Direct LAN Connect Option

**2.** Connect the SRT1 Gen2 to your network router using the RJ45 Ethernet LAN port on the rear panel.

**3.** LAN connection will automatically setup a zone for the SRT1 Gen2. Ensure your mobile device is connected to the same network and  open the OSD Audio Player App

## Connection Via Wireless BT Receiver Mode

The SRT1 features Wireless BT Connect as an option. You can access the Wireless BT 5.0 using the OSD Audio Player App, manually using the front panel Volume/Source Select Knob or by using the IR Remote that is included with the SRT1 Gen2.



When in receiver mode, the BT LED will be flashing which indicates it is waiting for connection in your BT Transmitter device (cell phone, pad, TV) you can search device name "OSD Player".

Once connected, the BT LED will stay on which indicates the connection is successful and you can start playing music from the connected device and hear the sound coming out of the connected passive speakers.

## SRT1 Gen2 Streaming Services:

### Listen to Online Music
The SRT1 Gen2 can work with many popular streaming music services like Spotify, Tidal, Napster, and AMAZON MUSIC. Plus, Internet Radio Apps like TuneIn, iHeartradio, and VTuner. You can easily stream music or playlists from your account wirelessly and listen on your home audio system.

### Spotify
To use Spotify, you will need to have Spotify premium account. You will find the OSD Audio Streaming device in the device list in Spotify Application and choose that device you want to stream.

### AMAZON Music
To use AMAZON Music like Spotify, you will need to have an AMAZON Music premium account as well. You will find the OSD Audio Streaming device in the device list in AMAZON Music Application and choose that device you want to stream.

### Airplay 1
The device supports Airplay1, you can choose Airplay1 in iOS device and play music.

### Listen to local music
The SRT1 Gen2 can stream local music stored in your Smartphone, USB storage device, NAS using DLNA protocol, PC software like iTunes, or UPnP/DLNA 3rd party software. Click on "My Music" to select the local device you want to play from.

**Note:** iOS-based devices have blocked the access to iTunes library.
Our system only supports NAS using DLNA protocal.

## Using the SRT1 Gen2

Once you have connected your mobile to network and installed the OSD Audio Player App in your mobile device, you can start playing music to different rooms or the same music in all rooms in sync.



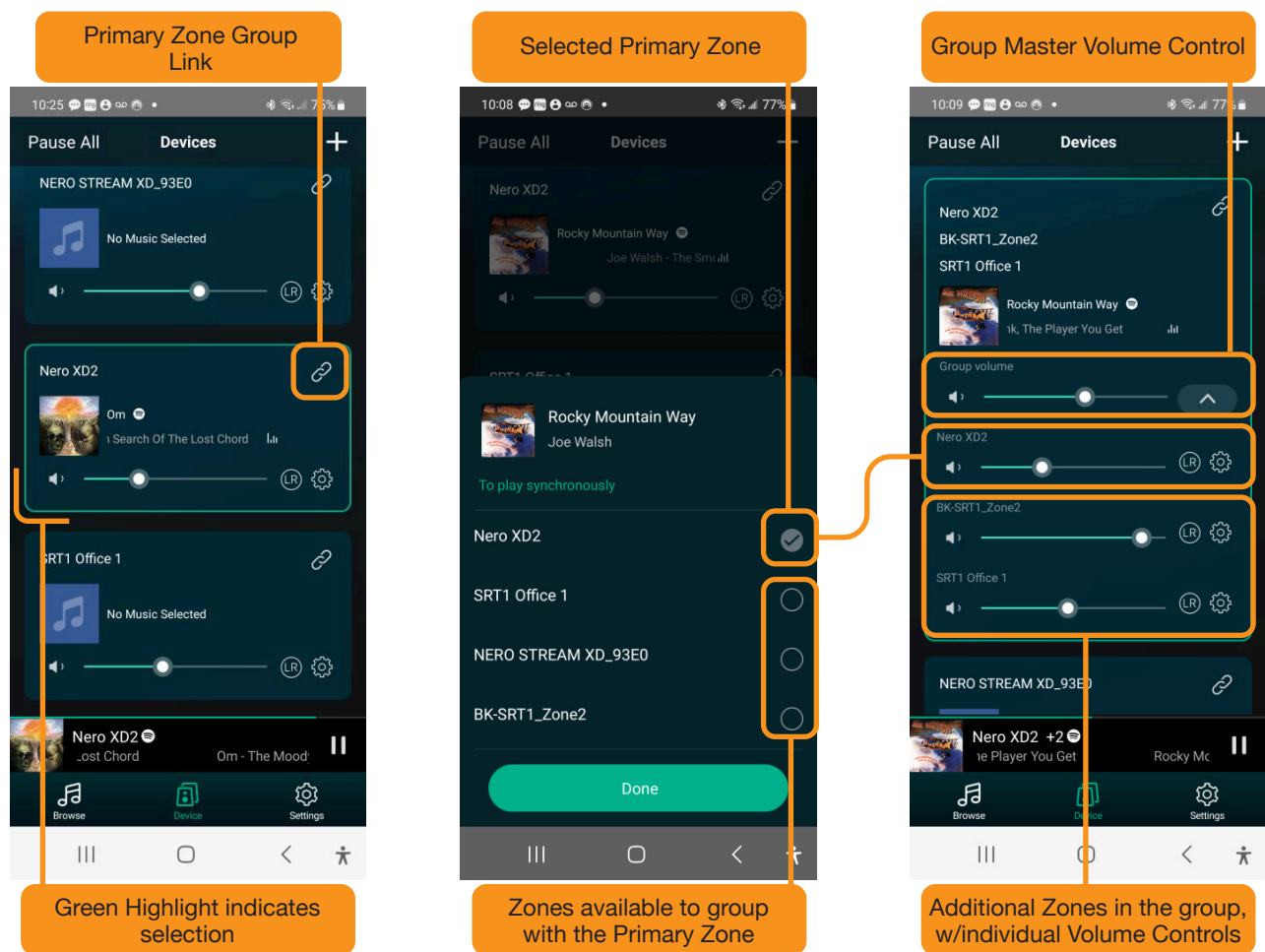Available Connected Devices

Browse Sources
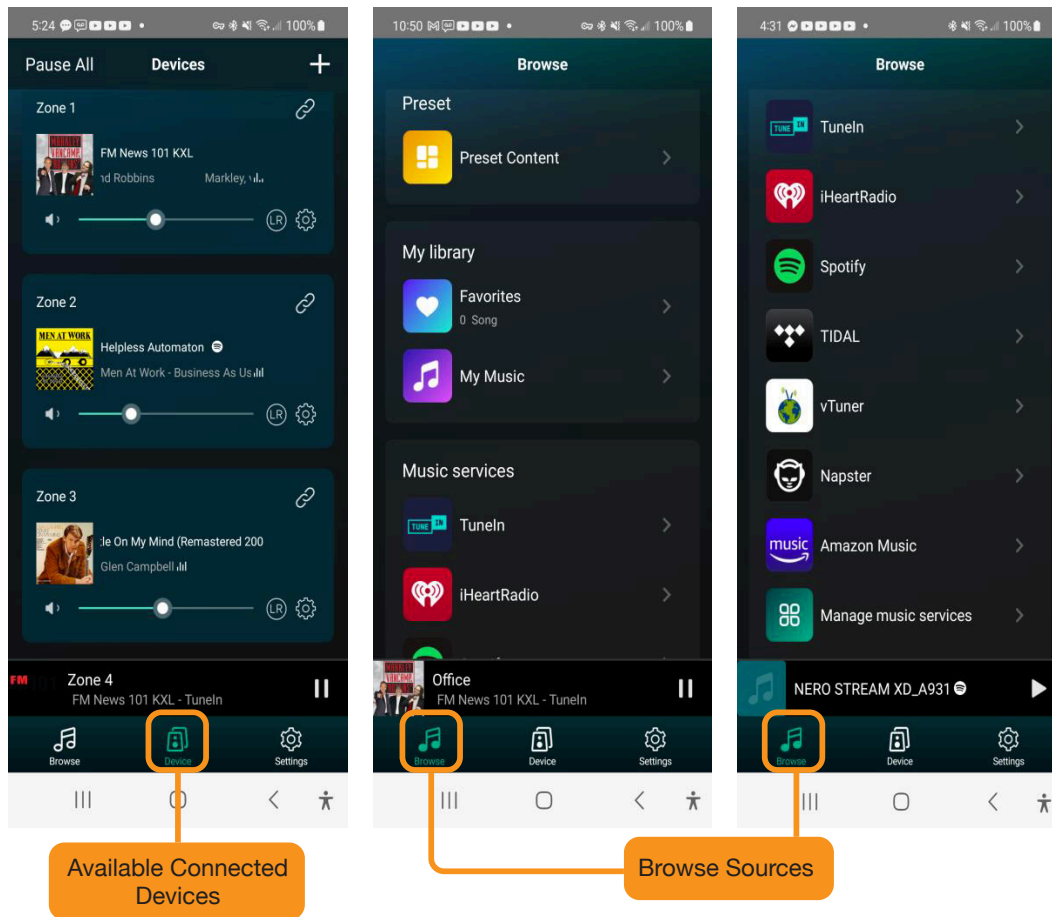
## Selecting a Zone

In the OSD Audio Player APP you will see all the connected devices in the same network

**1.** Select the device you want to control; A green rectangle will highlight the selected Device
**2.** Select Browse on left side of the Bottom Tool Bar, note the highlighted selection turns dark green
**3.** From the Browse Screen, Select an online or local music source from the list to start streaming your music
   (Some sources will need a subscription)

## Play the Same Music in Multiple Rooms

Using the OSD Audio Player App, you can play the same music in multiple rooms simultaneously by grouping two or more devices. First, in the Device screen, you select the primary Device (Highlighted by a green rectangle).

Select the Link in the upper right corner of the highlighted Device. A new screen will then appear featuring the selected Primary device and a blank circle for each additional device available to group with it. Just select the devices you want to add and Press the Done Button. Another Screen shows The Group Volume Master control, followed by the primary individual volume control and the independent volume for each grouped Zone.



Primary Zone Group Link

Selected Primary Zone

Group Master Volume Control

Green Highlight indicates selection

Zones available to group with the Primary Zone

Additional Zones in the group, w/individual Volume Controls

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| Specifications | | SRT1 Gen2 |
|---|---|---|
| **I/O Interface** | DC Input | DC 12V/1A |
| | Analog Audio Input | RCA 2V RMS |
| | Digital Audio Input | Optical Input |
| | Analog Audio Output | RCA 2V RMS |
| | Analog Sub Output | Single RCA |
| | Digital Audio Output | Coaxial, Optical |
| | Trigger Output | 12V |
| | USB | Connect USB Storage Drive |
| | DAC connection | Yes USB-C |
| | Ethernet | LAN Connection RJ45 |
| | LED Indicator | Status LED / Wi-Fi / BT / Line In / Optical/DAC/ USB |
| | IR Remote | IR Remote/IR Sensor Front Panel |
| | Volume Knob/Source Select | Volume Knob/ Source Select |
| | Reset Button | Reset Button |
| **Network** | Wireless Network | IEEE 802.11 b / g / n 2.4G |
| | Wireless BT | Wireless BT 5.0 |
| | Wired Network | Ethernet RJ45 |
| | Streaming Protocols | AirPlay / DLNA / Spotify Connect |
| **Audio Parameter** | Music Format | FLAC / MP3 / AAC / AAC + / ALAC / APE / WAV |
| | Audio Decode | 16/24 Bit / 44kHz to 192 kHz |
| | Frequency Response | 20Hz - 20kHz |
| | THD + N | 0.0003 |
| | SNR | 100dB |
| | Wireless BT Range | 15 M |
| | LinkPlay Module | LinkPlay A31 |
| **Application** | OSD Player App/LinkPlay | Updated OSD Player App |
| | iTunes | For MAC & Windows PC |
| | Foobar2000 and other support UPnP, DLNA 3rd party program | For MAC & Windows PC |
| **Audio Source** | Online Music Streaming Services | Spotify / Napster / Tidal /TuneIn / iHeart Radio / AMAZON Music / vTuner |
| | Local Storage | Music file store in Mobile phone, NAS & USB disk drive |
| | Analog Input | RCA R&L Analog |
| | Digital Input | Optical Input / DAC |
| **General** | Dimension | 189mm W x 138mm D x 53mm H |
| | Inches | 7.44" W x 5.43" D x 2.08" H |
| | Weight | 0.8KG/1.76LBS |
| **Power** | | 12Volt 1A AC DV 100-240V FCC and UL external |

FC  CE  RoHS COMPLIANT

## Warranty Info

All OSD NERO electronics products have a (2) year Limited Warranty against defects in materials and workmanship. Proof of purchase must accompany all claims. During the warranty period OSD AUDIO will replace any defective part and correct any defect in workmanship without charge for either parts or labor OSD AUDIO may replace returned speakers with a product of equal value and performance. In such cases, some modification to the mounting may be necessary and are not OSD AUDIO's responsibility.

For this warranty to apply, the unit must be installed and used according to its written instructions. If necessary, repairs must be performed by OSD AUDIO. The unit must be returned to OSD AUDIO at the owner's expense and with prior written permission. Accidental damage and shipping damage are not considered defects, nor is damaged resulting from abuse or from servicing performed by an agency or person not specifically authorized in writing by OSD Audio

OSD AUDIO sells products only through authorized dealers and distributors to ensure that customers obtain proper support and service. Any OSD AUDIO product purchased from an unauthorized dealer or other source, including retailers, mail over dealers and on-line sellers will not be honored or serviced under existing OSD AUDIO warranty policy. Any sale of product by an unauthorized source or other manner not authorized by OSD AUDIO shall void the warranty on the applicable product.

Damage to or destruction of components due to application of excessive power voids the warranty on those parts. In these cases, repairs will be made on the basis of the retail value of the parts and labor. To return for repairs, you must email customer service at RMA@audiogeargroup.com for a Returned Merchandise Authorization (RMA) number# then the unit must be shipped to OSD AUDIO at the owner's expense, along with a note explaining the nature of service required. Be sure to pack the unit(s) in a corrugated container with at least 3 inches of resilient material to protect the unit from damage in transit.

This Warranty Does Not Cover:
Damage caused by abuse, accident, misuse, negligence, or improper operation (installation) • Any products that have been altered or modified • Any product whose identifying number of decal, serial #, etc. has been altered, defaced or removed • Normal wear and maintenance.

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