

ULTIMEA

Dolby Atmos

HDMI™  
HIGH DEFINITION MULTIMEDIA INTERFACE

Bluetooth®



# *User Manual*

Nova S50

EN: User Manual

DE: Benutzerhandbuch

JP: ユーザーマニュアル

FR: Manuel de l'Utilisateur

IT: Manuale d'uso

ES: Manual del usuario

Model No.: U2120  
Nova S50 2.1 Channel Virtual Atmos Soundbar

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ULTIMEA

Nova S50

EN

# User Manual

WE ARE  
READY  
TO HELP



support@ultimea.com



Model No.: U2120

## Prefer video tutorial?

Setup guidance video, USER MANUAL or Trouble Shooting on ULTIMEA website.

@ultimea\_official



support.ultimea.com

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 +49 89-628-25828 (EU) Mon-Fri 9am-5pm (CET)

## 1 ACCESSORIES LIST



Subwoofer



Soundbar



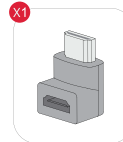
Power Adaptor



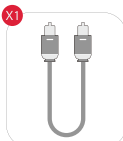
Stereo 3.5mm to 3.5mm Audio Cable



HDMI Cable



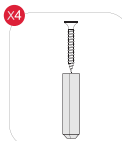
HDMI Adaptor



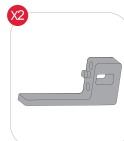
Digital Optical Cable



Remote Control



Wall Mounted Kit

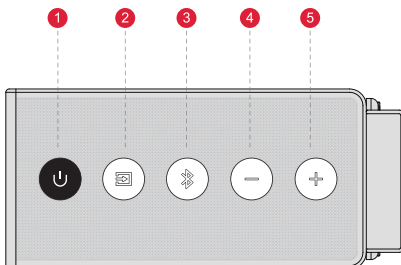


Wall Bracket



User Manual

## 2 SOUNDBAR CONTROLS

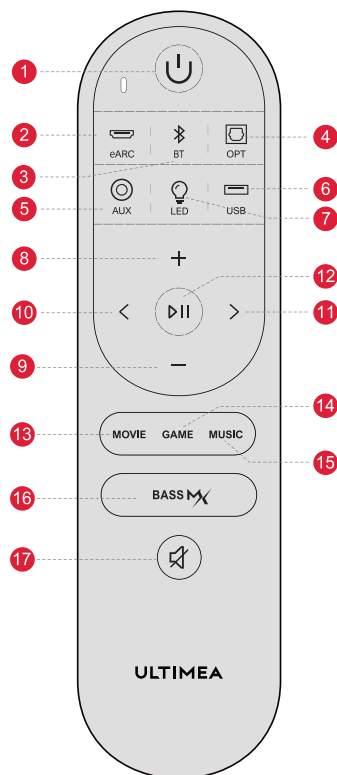


### Control Panel

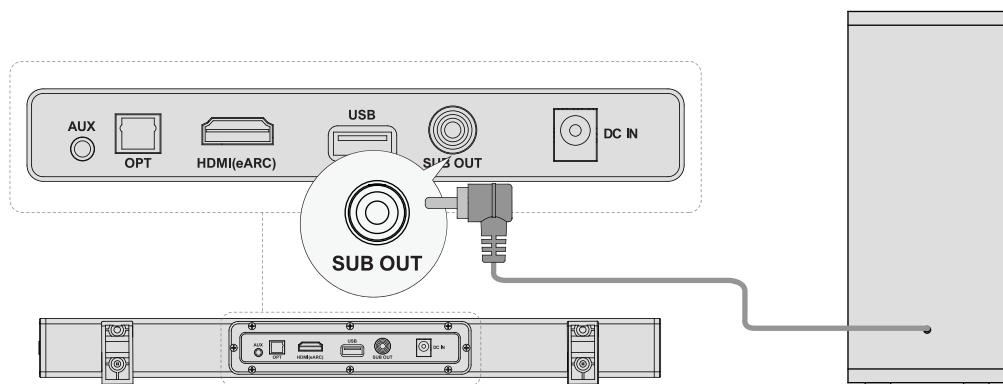
- 1 “⏻”: Power Button**  
Press to power on / Hold for 3 seconds to power off.
- 2 “📺”: Input Mode**  
Press to switch channels: eARC-OPT-BT-AUX-USB.
- 3 “📶”: BT**  
Press to switch to Bluetooth channel and enter pairing mode. Hold for 3 seconds to disconnect the current device and connect to a new device manually on your mobile phone / PC / TV (BT ID: Nova S50).
- 4 “—”: Volume Down**
- 5 “+”: Volume Up**

## Remote Control

- 1 "⏻": **Power Button**  
Press to power on / Hold for 3 seconds to power off.
- 2 "eARC": **eARC**  
Press to switch to HDMI eARC channel.
- 3 "📶": **BT**  
Press to switch to Bluetooth channel and enter pairing mode. Hold for 3 seconds to disconnect the current device and connect to a new device manually on your mobile phone / PC / TV (BT ID: Nova S50).
- 4 "📺": **OPT**  
Press to switch to OPTICAL channel.
- 5 "🎧": **AUX**  
Press to switch to AUX channel.
- 6 "📀": **USB**  
Press to switch to USB channel.
- 7 "💡": **LED**  
Press to turn on the LED, press again to turn off.
- 8 "⬆️": **Volume Up**
- 9 "⬇️": **Volume Down**
- 10 "⏮️": **Previous**  
For BT and USB mode only: Skip to previous track.
- 11 "⏭️": **Next**  
For BT and USB mode only: Skip to next track.
- 12 "⏸️": **Play / Pause**  
For BT and USB mode only.  
USB mode: Hold for 3 seconds to switch between single loop playback and list loop playback.
- 13 "MOVIE": **MOVIE**  
Press to switch to MOVIE mode.
- 14 "GAME": **GAME**  
Press to switch to GAME mode.
- 15 "MUSIC": **MUSIC**  
Press to switch to MUSIC mode.
- 16 "BASS MX": **BASSMX™**  
Press to adjust bass level, the display will show: "B5-1", "B5 0", "B5 1".
- 17 "🔇": **Mute / Recover the volume.**

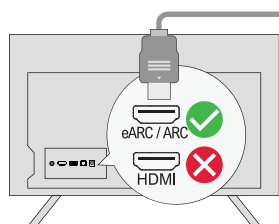


## 3 CONNECT TO SUBWOOFER

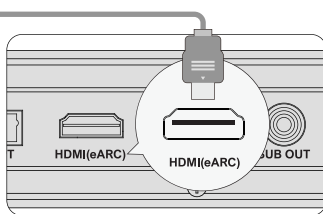


## 4 CONNECT TO TV VIA HDMI eARC / ARC

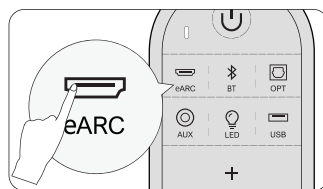
EN



**Step 1:**  
Connect one end of the HDMI cable to the eARC / ARC port on the back of your TV.



**Step 2:**  
Then connect the other end to the HDMI(eARC) port of the soundbar.



**Step 3:**  
Press "eARC" button on the remote control to select "HDMI(eARC)" input.

### Note:

**Make sure your TV HDMI supports eARC, otherwise the Dolby Atmos audio signal cannot be transmitted.**

**Atmos:** If you are watching a movie in the Dolby Atmos format, please set the audio output on your TV to Pass Through:

TV Settings > Home > Settings > Sound > Digital Audio Output > Pass Through

**DTS:** If you are watching a movie in the DTS format, please set the audio output on your TV to PCM:

TV Settings > Home > Settings > Sound > Digital Audio Output > PCM

### What's the difference between: HDMI IN, HDMI ARC, HDMI eARC?

**HDMI IN** is a standard HDMI input that allows you to connect devices to your TV or audio system. It supports audio and video signals, but it does not support audio return channel (ARC) or enhanced audio return channel (eARC) functionality.

**HDMI ARC** is a special HDMI port that supports two-way communication between your TV and audio system. This means that audio can be sent from your TV to your audio system, and audio system can send audio back to your TV.

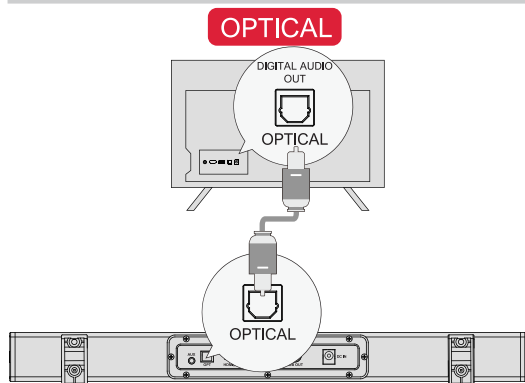
**HDMI eARC** (Enhanced Audio Return Channel) is an updated version of HDMI ARC that supports higher quality audio formats such as Dolby Atmos and DTS:X.

### Note: Please turn on the "CEC" function on your TV.

When eARC / ARC is connected, your TV remote control can control the soundbar and TV simultaneously:

- ① Turn on / off
- ② Adjust the volume

## 5 CONNECT TO TV VIA OPTICAL / AUX

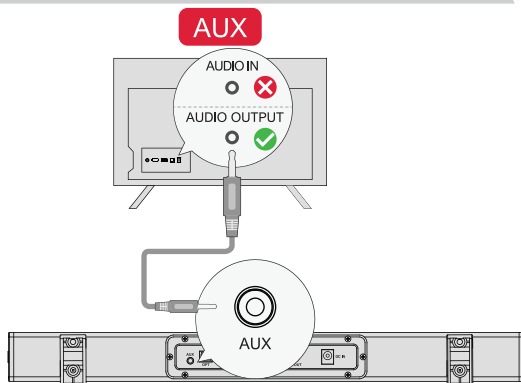


### OPTION 1: OPTICAL

① Make sure the TV's port is OPTICAL OUT, connect both sides of the cable to OPTICAL, for both the TV and the soundbar.

② Make sure the optical plug is inserted correctly as it shows in the picture. Do not insert the plug upside down and break the optical.

**Note:** If audio is playing from the internal TV speakers, mute or minimize the TV volume.



### OPTION 2: AUX

① Connect the 3.5mm to 3.5mm Audio Cable to your TV's AUDIO OUT port.

② Not support AUDIO IN port on TV.

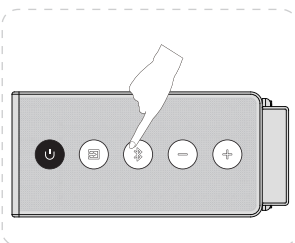
**Note:** Please remember to unplug the AUX cable from TV and Soundbar when you want to switch to other mode.

**In Optical Mode:** If there is no sound, try setting the TV audio output to PCM: TV Settings > Home > Settings > Sound > Digital Audio Output > PCM

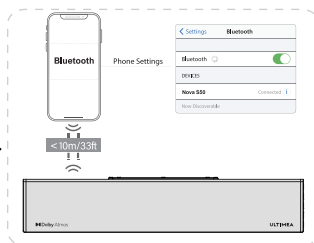
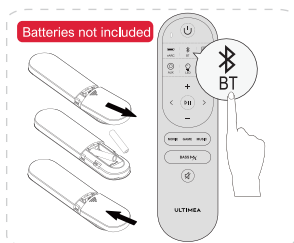
## 6 CONNECT TO BLUETOOTH®

- ① Press the "BT" button on the soundbar or remote control to enter Bluetooth pairing mode.
- ② Open your phone's Bluetooth settings, find and select "Nova S50" to connect the soundbar.

**Note:** If it's already in the Bluetooth mode and connected, press and hold "BT" button for 3 seconds to disconnect the current device and connect to new device manually on your mobile phone / PC / TV.

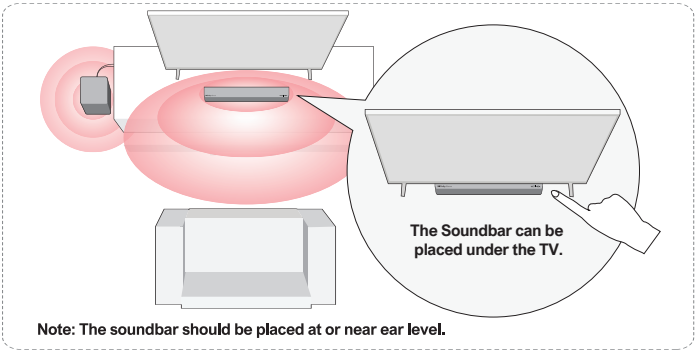


or

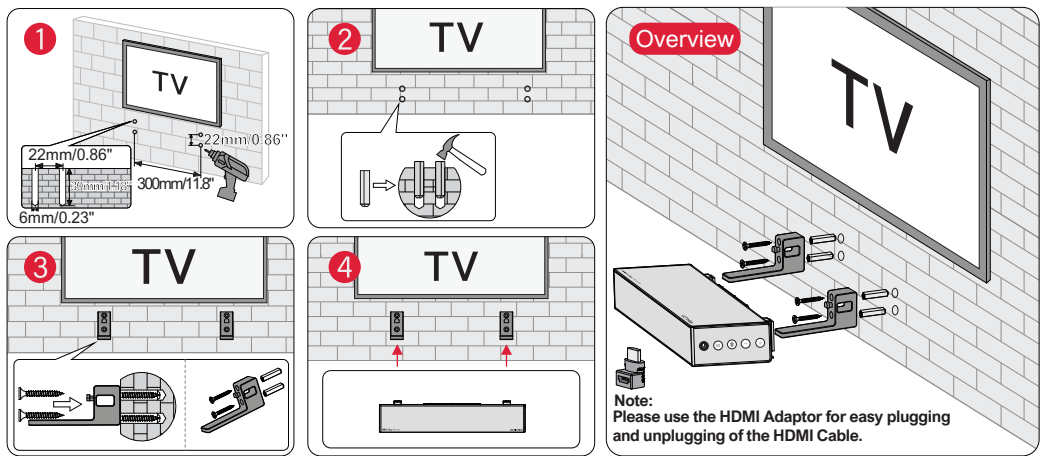


## 7 PLACEMENT OPTIONS

EN



## 8 WALL MOUNT INSTALLATION



## 9 SPECIFICATIONS

|                       |  |
|-----------------------|--|
| Model Number          | U2120  |
| Power Supply          | AC 110-240V, ~50/60Hz                            |
| Soundbar Drivers      | (1.2" x 3.8") x 2 (Soundbar) + 5.25" (Subwoofer) |
| Frequency Response    | 45Hz - 18kHz                                     |
| Standby Power         | <0.5W  |
| Operating Temperature | 0°C - 45°C / 32°F - 113°F                        |
| Bluetooth Vision      | 5.3  |

| Dimensions and Weight |   |
|-----------------------|---|
| Soundbar              | 400(W) x 38(H) x 76(D)mm 15.7" x 1.5" x 3.0"    |
| Subwoofer             | 270(W) x 115(H) x 270(D)mm 10.5" x 4.5" x 10.6" |
| Packaging             | 332(W) x 432(H) x 190(D)mm 13.1" x 17" x 7.5"   |
| Net Weight            | 3.2kg / 7.05lbs                                 |
| Gross Weight          | 4.68kg / 10.32lbs                               |

## SAFETY INSTRUCTIONS

### Please read this user manual carefully and save it for future reference.

Do not make unauthorized alterations to the product, doing so may compromise safety, regulatory compliance, system performance, and may void the warranty.

- Avoid dropping.
- Do not disassemble.
- Do not submerge in water
- Avoid extreme temperatures.
- Do not use the device outdoors during thunderstorms.
- Use original or certified cables.
- Do not place dangerous items on top of this device (e.g. liquid filled objects, lit candles).
- Clean with a dry, soft lint-free cloth. Do not use any corrosive cleaner or oil.
- To avoid hearing damage, do not listen for extended periods at high volume.
- Do not expose the batteries to extreme heat sources such as direct sunlight or open flames.
- The ideal operating temperature for this product and its accessories is between 41°F/5°C and 95°F/35°C.
- The adapter should be installed near the device and should be easily accessible.
- Do not use this product in environments of extreme heat or cold. Never expose this device to strong sunshine or wet environments.

## PROPER DISPOSAL INSTRUCTIONS



This mark shown on the product or its packaging, indicates that this product should not be disposed of with other household waste at the end of its working life.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

### Waste Electrical & Electronic Equipment

Household user should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their suppliers and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

## FCC REGULATORY COMPLIANCE

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna. - Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## ISED WARNINGS

This device contains licence-exempt transmitter (s) / receiver (s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS (s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) L'appareil ne doit pas produire de brouillage;
- (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with IC exposure limits set forth for an uncontrolled environment. This equipment shall be installed and operated with a minimum distance of 20cm between the radiator & body.

Cet équipement est conforme aux limites d'exposition IC définies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20cm entre le radiateur et la carrosserie.


Declaration of Conformity

We (Manufacturer is responsible for this declaration)  
Dyanic (Shenzhen) Technology Limited  
(Company name)

20th Floor, Building 4, Tianan Cloud Park, Bantian St.,  
Longgang District Shenzhen, China 518000  
(Company address)

Declare under our sole responsibility that the product  
Trade Mark: ULTIMEA  
Product Name: Nova S50 2.1 Channel Virtual Atmos Soundbar  
Model No.: U2120  
To which this declaration relates is in conformity with  
the essential requirement set out in the Council Directive  
on the Approximation of the laws of the Member States  
relating to RED Directive (2014/53/EU) & RoHS (2011/  
65/EU) product is responsible to affix CE marking, the  
following standards were applied:

EN 55032:2015/A11:2020  
EN 55035:2017/A11:2020  
ENIEC 61000-3-2:2019  
EN 61000-3-3:2013/A1:2019  
ETSIEN 301 489-1 V2.2.3(2019-11)  
ETSIEN 301 489-17 V3.2.4(2020-09)  
EN 300 328 V2.2.2(2019-07)  
EN 50663:2017  
ENIEC 62368-1:2020+A11:2020  
IEC62321-3-1:2013  
IEC 62321-4:2013+A1:2017  
IEC 62321-5:2013  
IEC 62321-6:2015  
IEC 62321-7-1:2015  
IEC 62321-7-2:2017  
IEC 62321-8:2017

Full Name: Yoyo.Yu  
Position: Approbation Manager  
Signature:   
Place/Date: Shenzhen, China/Dec. 25-2022

Trade Marks:



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ULTIMEA

Nova S50 2.1 Channel Virtual Atmos Soundbar  
Model No.: U2120

EC

REP

Dyanic GmbH  
Buchenring 57, 22359 Hamburg, Germany

UK

REP

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7 Bell Yard London WC2A 2JR, UK United Kingdom

Made in China  
Manufacturer: Dyanic (Shenzhen) Technology Limited  
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Longgang District, Shenzhen, China 518000

If you need our support, kindly reach out to our service team. We are always glad to help.

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