



# NUX MIGHTY SPACE Wireless Stereo Modeling Amplifier User Manual

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# NUX

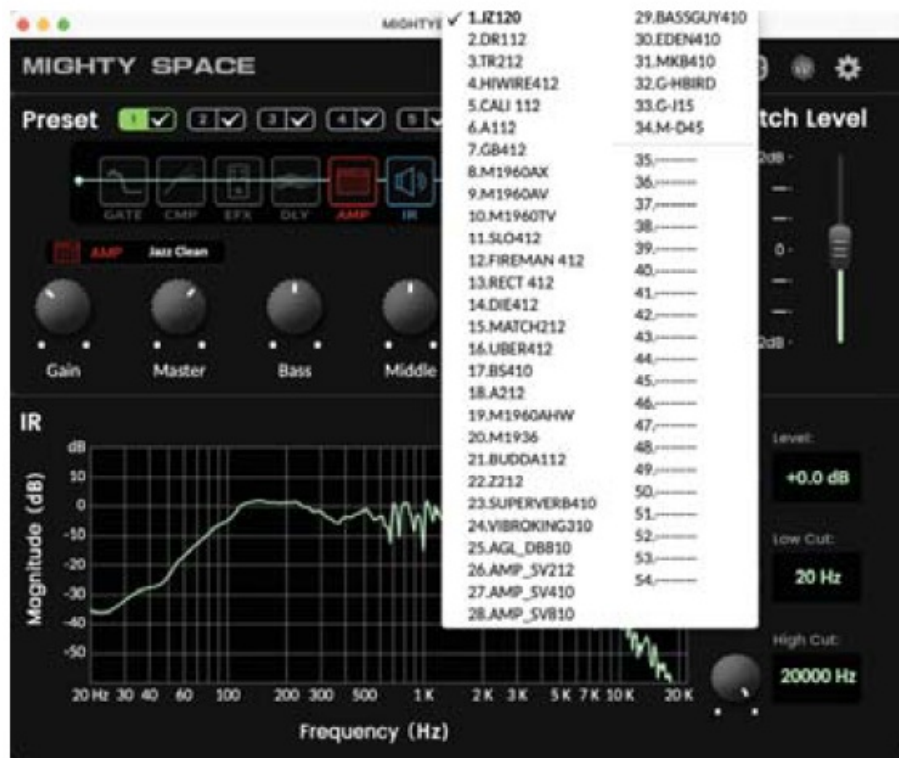
**NUX MIGHTY SPACE Wireless Stereo Modeling Amplifier**



## Overview

Thank you for purchasing NUX MIGHTY SPACE, since we announced MIGHTY LITE BT, and MIGHTY AIR, these desk-top modeling amplifiers became an iconic category of NUX brand. Now flagship MIGHTY SPACE offers more fun and good vibes for you.

MIGHTY SPACE provides a variety of effects for electric guitar and bass guitar including amp modeling, cabinet IRs. It also comes with acoustic amp modeling and acoustic IRs to let you simulate acoustic guitar sound. Now, you can even load 3rd party IRs through Mighty Editor™ edit software to expand your tone. (You can load any WAV format IRs, Mighty Editor™ will convert to 32bits/48kHz onto the device automatically.)



**Note:** There are 34 default IRs, and user IR slots are 20 (from 35 to 54).

You can customize the presets through MightyAmp™ APP (mobile) or Mighty EditorM edit software (PC). Change the effect blocks' order? why not? You can do lots of things with the intuitive interface, experience it, feel the versatility and mighty!

The MightyAmp™ APP and Mighty Editor™ edit software can let you tweak all the signal blocks and parameters. MIGHTY PLUG PRO offers GATE, COMP, EFX, AMP, IR, EQ, MOD, DLY and RVB, you can adjust the block order freely. Besides the 34 built-in IRs, there are 20 empty slots for 3rd party IRs loading. No need to consider the sampling rate, Mighty Editor™ edit software can convert the WAV(IR) format automatically. MIGHTY SPACE supports USB audio stream,

Normal/ Dry Out / Re-amp / Loopback routing, you can adjust it through MightyAmp™ APP or Mighty Editor™ edit software intuitively, no need to setup USB OUT in DAW. Even live stream jamming with Loopback! can be an USB recording interface. It supports Normal / Dry Out/ Re-amp / Loopback routing, you can adjust it through MightyAmp™ APP or Mighty Editor™ edit software intuitively, no need to setup USB OUT in DAW. Even live stream jamming with Loopback!

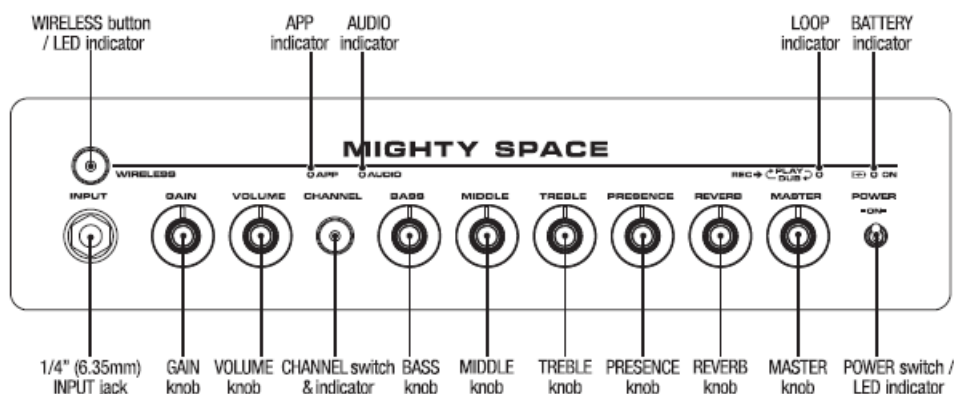


All of the brand and model names mentioned on this page are Trademarks of their respective owners, which are in no way associated or affiliated with NUX Effects and Cherub Technology CO. LTD.

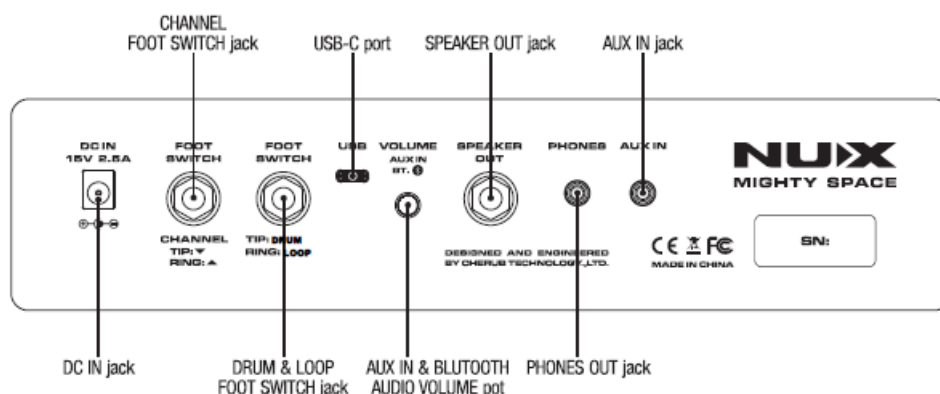
Thank you Dian Iliev and Mighty Plug /Air group users to inspire us to develop MIGHTY SPACE with great functions and APP experience.

## Control Panel & I/O Jacks

### Front Panel



### Rear Panel



## Operation

### 1/4" (6.35mm) INPUT jack

#### INPUT



Connect your guitar cable with guitar into INPUT jack. Then you can enjoy the playing. While you plug the TX (transmitter) into INPUT jack and MIGHTY SPACE is turned on, you can charge the TX. During charging, TX's LED indicator will show "Red". Once the TX is full charged, the LED indicator will turn off.

### POWER switch / LED indicator



#### POWER

- ON -



Toggle the POWER switch to boot-up the amplifier, while the amp is on, the LED indicator will show "Red". While you turn off the amp, the LED indicator will turn off.

If you connect the additional power adaptor to charge the amp, the LED indicator will flash "Red" during charging, while the amp is full charged, the LED indicator will turn off.

### WIRELESS button / LED indicator



#### WIRELESS

While the amp is boot-up, you can use cable into INPUT jack or use the included B-5MA TX as wireless cable. If you want to use B-5 TX, remember to POWER ON the TX, and hold the WIRELESS button to engage the amp's built-in RX. While the LED indicator shows RED, it means the RX doesn't receive TX's signal. While the TX & RX get paired, the LED indicator will show GREEN. Then you can enjoy the wireless playing.

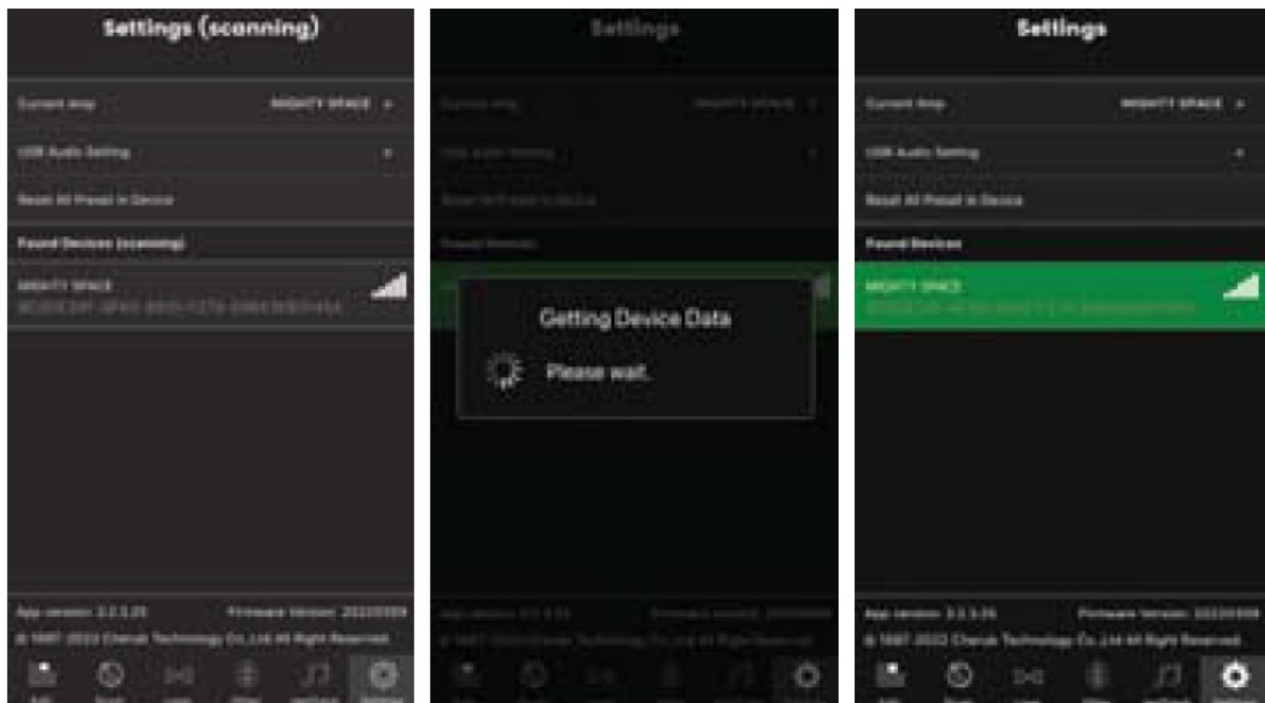
### APP indicator

## ○ APP

While MightyAmp™ APP connects with the device, the APP indicator will turn on “Blue” Operation: Turn on MightyAmp™ APP on your mobile phone, and press “Settings” to choose “Current Amp” as “MIGHTY SPACE”, then “click to scan devices”. While the APP find “MIGHTY SPACE”, click it, the APP will connect with the device. In the meantime, the APP indicator will turn on “Blue”.

**NOTE:** For Android OS, you may need to turn on GPS permission. **PRIVACY NOTE:** We do not use your GPS to track you. Where you want to play music is your business, not ours! Applications that scan for Bluetooth devices must request permission in the manifest file. This LOCATION permission is required because it may be possible to guess the location of an Android device by seeing which RTLE devices are nearby

[https://developer.android.com/reference/android/media/midi/package-summary#btile\\_location\\_permissions](https://developer.android.com/reference/android/media/midi/package-summary#btile_location_permissions)



**NOTE:** The APP is using Bluetooth MIDI to communicate with the device.

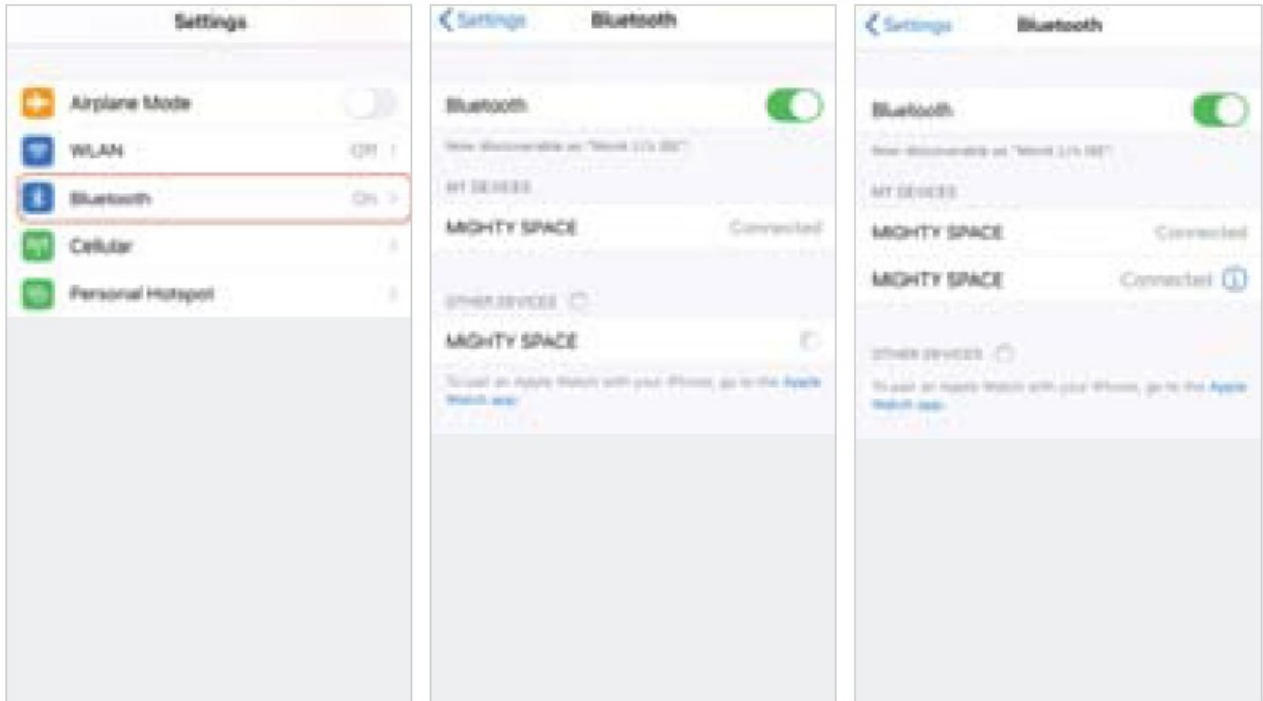
## AUDIO indicator

## ○ AUDIO

While the mobile phone or other player connect with MIGHTY SPACE's Bluetooth audio, the AUDIO indicator will turn on “Blue”. Operation: After the APP connected with the device, you can connect Bluetooth Audio from “Settings” on the mobile phone to play audio stream. Click “Settings” on the mobile phone. Enter “Bluetooth”, and choose “MIGHTY SPACE”, while you connect MIGHTY SPACE's Bluetooth audio, you will hear a hint sound.



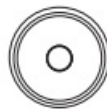
Settings



**NOTE:** The Bluetooth audio and Bluetooth MIDI are independent, you have to connect them separately.

#### CHANNEL switch & indicator

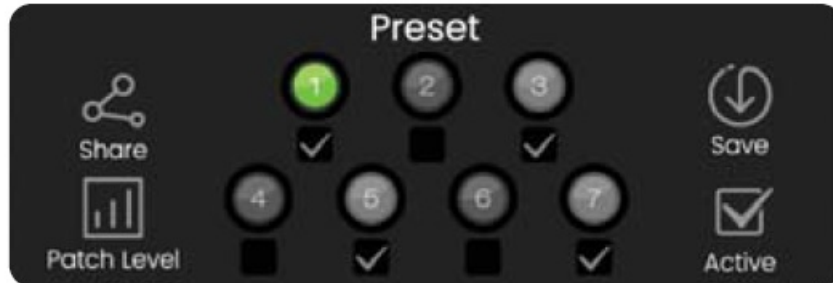
##### CHANNEL



While the device is engaged, you can press the CHANNEL switch to change the preset from 1-7. The indicator will show different color related to different preset.

**NOTE:** You can adjust which preset can be ACTIVE while you press the PRESET Switch through MightyAmp" APP or Mighty EditorTM edit software. (ACTIVE function)





MightyAmp™ APP example: Choose preset 1, 3, 5, 7 and press Active icon, then the device will know preset 1, 3, 5, 7 will be chosen while you press the preset switch.

**Mighty Editor™ example:** Click icon, the ☒ PRESETS will be COLORED, then choose the ones you want to active, like 1, 3, 5, 7. Then press icon ☒ again, Mighty Editor™ will show current preset, and according to the interface, you will see which is be chosen with ☒.

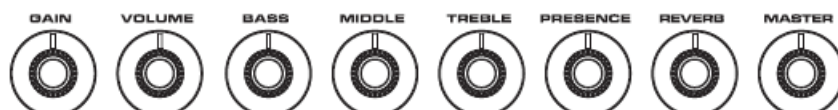


## BATTERY indicator

While you connect the included POWER ADAPTOR to the amp, it Will charge the device, and the BATTERY indicator will show “Red” while charging. While the battery is full, the BATTERY indicator will show “Green”. While the device will run out of battery, the BATTERY indicator will flash “Red”.

**NOTE:** The charging time is around 7 hrs. Operation time is around 7 hrs.

## GAIN, VOLUME , BASS , MIDDLE , TREBLE, PRESENCE, REVERB, MASTER knobs



**GAIN** controls AMP MODEL'S gain (input level).

**VOLUME** controls AMP model's master (output level).  
**BASS** controls AMP model's low-end response.  
**MIDDLE** controls AMP model's mid-frequency.  
**TREBLE** controls AMP model's high-end frequency.  
**PRESENCE** controls AMP model's brightness.  
**REVERB** controls RVB model's mix level.  
**MASTER** controls the overall volume of the amplifier.

**LOOP indicator**



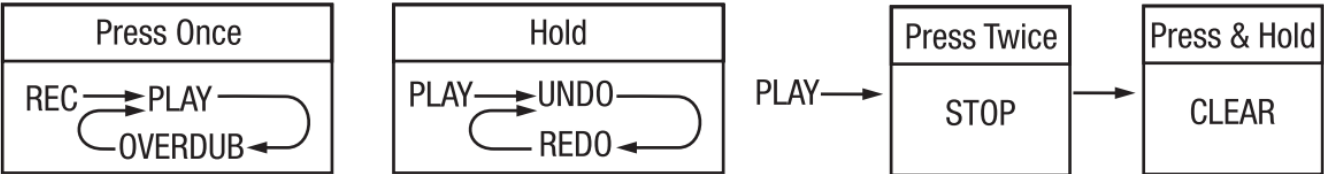
**DRUM& LOOP FOOT SWITCH jack**



Connect with the included NMP-2 footswitch (B&A jack) into DRUM &LOOP FOOT SWITCH jack, you can trigger the LOOP & DRUM function. In the meantime, A footswitch controls LOOP, B footswitch controls DRUM.

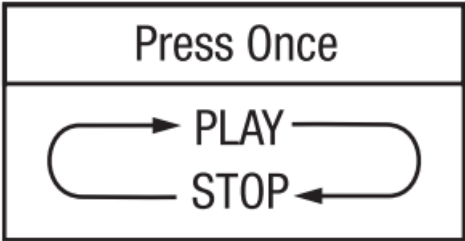


**Loop Footswitch**



REC: LOOP indicator shows “Red”.  
PLAY: LOOP indicator shows “Green”.  
OVERDUB: LOOP indicator shows “Orange”. Rhythm Footswitch

**Rhythm Footswitch**



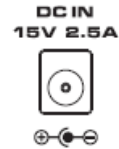
**CHANNEL FOOT SWITCH jack**





Connect with the included NMP-2 footswitch (B&A jack) into CHANNEL FOOT SWITCH jack, you can trigger the presets UP & DOWN. In the meantime, A footswitch controls DOWN, B footswitch controls UP.

### DC IN jack



Connect the included power adaptor to charge MIGHTY SPACE.

### PHONES OUT jack



Connect with earphone to do silent practice, in the meantime MIGHTY SPACE Will mute the speaker.

### AUX in Jack



Connect MP3 player into the 1/8" AUX IN jack to play playbacks.

### AUX IN & BLUETOOTH AUDIO VOLUME pot



Controls Aux In & Bluetooth audio stream volume.

### USB-C port



Mighty EditorM edit software communication, USB audio stream, and Firmware update.

### Recording:

For WIN OS, please go to the product page to download ASIO driver for recording.

For MAC OS, the device supports CORE AUDIO, so there is no need for driver.

### Firmware Update:

Connect USB with PC, hold the CHANNEL switch and turn on the device by toggling POWER switch to enter to

DFU (Device Firmware Update) mode. Then use DFU updater software to update the firmware. (You can get the firmware and firmware update guide on the product page.)

## **SPEAKER OUT jack**



You can drive an external cabinet with a SPEAKER OUT jack, the output impedance is 42, but it can drive 82 or 162 without issues. In the meantime, MIGHTY SPACE will mute its own speakers.

## **Mighty AMPTM AppMighty EditorTM**

### **Mighty AMPTM App**



### **Mighty EditorTM**



- You can check the MIGHTY SPACE tutorial on NUX YouTube channel for more details.
- The MightyAmp™ APP allows you to tweak parameters, and move the block order using the mobile phone. In addition, you can even set
- Events on JamTrack or load custom tracks into your phone through the PC.
- The Mighty Editor™ edit software can load 3rd party IRs, you can tweak parameters for all effects. You can use the edit software to move the effect block order, and export or import PRESETS.

## Features

- Powerful 30 watts desktop wireless Modeling Amplifier.
- TSAC-HD (White-Box) Amp Modeling algorithm offers realistic playability & feedback.
- 512 samples IR resolution. (34 premium built-in IRs and 20 user slots for 3rd party)
- 7 presets with ACTIVE functions. (PRESET switch toggles ACTIVE ones sequentially,)
- GATE, CMP, EFX, AMP, IR, EQ, MOD, DLY, RVB effect blocks with free order.
- White-box algorithm EFX offers analog response and natural chaos.
- Stereo DLY/ RVB effects with gorgeous tone.
- Patch Level function for each preset.
- Drum&Loop with additional NMP-2 footswitch control. 7hrs playing time. (11.1V/5000mAh)
- Ultra-low system latency: 1.2ms
- Intuitive MightyAmp™ APP & Mighty Editor™ edit software (3rd party IR loader).

## Specification

**Input Impedance:**  $1M\Omega$

**Earphone Output Impedance:**  $3292\Omega$

**Sampling Rate:** 48kHz /32-bit

**System Latency:** 1.2ms

**Battery:** 11.1V/ 5000mAh

**Current Draw:** 11.1V/220mA

**Dimensions:** 363mm(L) x 171mm(W) x 171mm (H)

**Weight:** 4.06kg

## Accessories

- AC adaptor
- NMP-2
- B-5 TX
- 6.35mm TRS cable for NMP-2
- Type-C cable
- Micro USB cable
- Handle strap

## FCC Statement

### WARNING

To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

### CAUTION

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, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**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.

The device has been

## FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.


This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with a minimum distance 20 cm between the radiator & your body.

The lightning symbol within a triangle means, **"Electrical caution!"** It indicates the presence of information about

operating voltage and potential risks of electrical shock.  
The exclamation point within a triangle means, “**Caution!**” Please read the information next to all caution signs.

**Documents / Resources**

	<p><b><a href="#">NUX MIGHTY SPACE Wireless Stereo Modeling Amplifier</a></b> [pdf] User Manual MIGHTYSPACE, 2AOAA-MIGHTYSPACE, 2AOAAMIGHTYSPACE, MIGHTY SPACE Wireless Stereo Modeling Amplifier, MIGHTY SPACE, Wireless Stereo Modeling Amplifier, Stereo Modeling Amplifier, Modeling Amplifier, Amplifier</p>
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