

# OWNER'S MANUAL

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**N12A / N212A**

ACTIVE BLUETOOTH SPEAKERS

**N15AR**

RECHARGEABLE ACTIVE BLUETOOTH SPEAKER



Thank you for purchasing this NYC Acoustics N-Series Active Bluetooth Speaker. One of the greatest cities for music in the world is NYC. Two brothers from the big apple, both aspiring musicians, were inspired by the music scene on the streets of NYC, bars in Brooklyn, and venues like Radio City Music Hall & Madison Square Garden. They knew that in order to make it in the scene they needed to look and sound good. And, in order to sound good they needed to have good audio gear. The audio products available on the market were either way too expensive or cheap and of poor quality. They went on a mission to make affordable products that are of great quality. That's when NYC Acoustics was launched.

We take great pride in representing one of the greatest cities in the world. Hence, products are designed with passion, by musicians for musicians, right here in NYC. We have world class audio engineers, electronic engineers, and professional musicians designing our products. We have spared no expense in manufacturing the N-Series Active Bluetooth Speakers to meet the highest quality standards. With proper care this speaker can provide you a lifetime of quality sound.

## ***NYC Acoustics - Get Loud Be Heard***

Please read this installation guide carefully for proper use of your N-Series Active Bluetooth Speaker. Should you need technical assistance during or after your installation please call our technical help line at 1-646-758-0144, Monday through Friday, 9am to 5pm EST.

## N12A 400 Watt Active Bluetooth Speaker

- N12A 12" 3-Way 400 Watt Active Speaker with built-in Bluetooth, MP3 display, USB, SD
- 400 Watts Peak / 200 Watts RMS
- High power long-throw 12" woofer with 1.5" KSV voice coil
- Also includes remote, power cable, wired microphone, 10 foot Mic Cable
- Built-in wireless Bluetooth supports music streaming through a Bluetooth phone or MP3 player
- 49 foot Bluetooth range
- USB/SD digital MP3 music player
- Built-in FM radio
- 1/4" mic input with level control
- 1/4" line input with level control
- RCA Aux Input with level control
- Master volume control
- Built-in wheels and retractable trolley handle for increased portability and transport convenience
- 7 band graphic equalizer built-in
- Magic ball on top transmits a disco dance light effect in the room
- LED flashing lights on woofer
- LED screen displays audio information when using Bluetooth or USB/SD player
- Linear Class AB amplifier technology: high power, transparent sonic performance
- Internal switch-mode power supply for low distortion audio with superior transient response.
- Boosting and cutting specific frequencies to improve sound quality and clarity
- Frequency Response: 50Hz-20KHz
- Maximum SPL @1w/1m: 125dB peak / 122dB continuous
- High-quality components and exceptionally rugged high impact wooden construction
- Amplifier clip limit LED indicator & power LED cabinet rear
- 110/220 Volt switchable power supply with external user serviceable fusing

## **N212A 700 Watt Active Bluetooth Speaker**

- N212A Dual 12" 700 Watt Active DJ/PA Speaker with built-in Bluetooth, MP3 display, USB, SD
- 700 Watts Peak / 350 Watts RMS
- High power long-throw 12" woofers with 1.5" KSV voice coil
- Three Piezo tweeters built-in
- Also includes remote, power cable, wired microphone, 10 foot Mic Cable
- Built-in wireless Bluetooth supports music streaming through a Bluetooth phone or MP3 player
- 49 foot Bluetooth range
- USB/SD digital MP3 music player
- Built-in FM radio
- ¼" mic input with level control
- ¼" line input with level control
- RCA Aux Input with level control
- Master volume control
- Built-in wheels and retractable trolley handle for increased portability and transport convenience
- 7 band graphic equalizer built-in
- Magic ball on top transmits a disco dance light effect in the room
- LED flashing lights on woofer
- LED screen displays audio information when using Bluetooth or USB/SD player
- Linear Class AB amplifier technology: high power, transparent sonic performance
- Internal switch-mode power supply for low distortion audio with superior transient response.
- Boosting and cutting specific frequencies to improve sound quality and clarity
- Frequency Response: 50Hz-20KHz
- Maximum SPL @1w/1m: 125dB peak / 122dB continuous
- High-quality components and exceptionally rugged high impact wooden construction
- Amplifier clip limit LED indicator & power LED cabinet rear
- 110/220 Volt switchable power supply with external user serviceable fusing

## N15AR 600 Watt Rechargeable Active Bluetooth Speaker

- N15AR 15" 3-Way 600 Watt Rechargeable Active Speaker with built-in Bluetooth, MP3 display, USB, SD
- 600 Watts Peak / 300 Watts RMS
- High power long-throw 15" woofer with 2" KSV voice coil
- Rechargeable battery lasts for 6-7 hours of low volume, 4-5 hours on medium volume, and 3-4 hours on extreme volume playback
- Also includes remote, power cable, wired microphone, 10 foot Mic Cable
- Built-in wireless Bluetooth supports music streaming through a Bluetooth phone or MP3 player
- 49 foot Bluetooth range
- USB/SD digital MP3 music player
- Built-in FM radio
- 1/4" mic input with level control
- 1/4" line input with level control
- RCA Aux Input with level control
- Master volume control
- Built-in wheels and retractable trolley handle for increased portability and transport convenience
- 7 band graphic equalizer built-in
- Magic ball on top transmits a disco dance light effect in the room
- LED flashing lights on woofer
- LED screen displays audio information when using Bluetooth or USB/SD player
- Linear Class AB amplifier technology: high power, transparent sonic performance
- Internal switch-mode power supply for low distortion audio with superior transient response.
- Boosting and cutting specific frequencies to improve sound quality and clarity
- Frequency Response: 50Hz-20KHz
- Maximum SPL @1w/1m: 125dB peak / 122dB continuous
- High-quality components and exceptionally rugged high impact wooden construction
- Amplifier clip limit LED indicator & power LED cabinet rear
- 110/220 Volt switchable power supply with external user serviceable fusing

## MIC INPUT

The N Series speakers feature a dedicated MIC IN channel (CH1) with independent level control.

1. Make sure the speaker is OFF.
2. Plug in your microphone into the 1/4" mic input (CH1).
3. Keep master VOLUME at 0 position.
4. Turn CH1 LEVEL to 0 position.
5. Turn the speaker ON.
6. Slowly turn CH1 LEVEL clockwise until you achieve appropriate volume setting. This is determined by the CLIP LED indicator light. Proper function is achieved when the CLIP indicator lights up at peak levels, it should never be in constant on position.
7. The above adjustment matched the microphone preamp to the input volume of the speaker.
8. Now turn up the master VOLUME to necessary level by rotating clockwise.

To avoid feedback distortion, always stand behind the speaker when making microphone adjustments.

## LINE INPUT

You can use the LINE IN channel (CH2) when you wish to hook up an additional stereo signal source without the use of a mixer console.

1. Make sure the speaker is OFF.
2. Plug the signal source into the 1/4" line input (CH2).
3. Keep master VOLUME at 0 position.
4. Turn CH2 LEVEL to 0 position.
5. Turn the speaker ON.
6. Slowly turn CH2 LEVEL clockwise until the CLIP LED indicator begins to blink, then turn it down slightly. This indicates the maximum input voltage gain is matched and set properly.
7. Now turn up the master VOLUME to necessary level by rotating clockwise.

## AUX INPUT

The AUX IN channel (CH3) allows for input from smart phones, MP3 players, CD players, or any other external signal source via RCA jacks.

1. Make sure the speaker is OFF.
2. Connect signal source into the L & R RCA aux inputs (CH3).
3. Keep master VOLUME at 0 position.
4. Turn CH3 LEVEL to 0 position.
5. Turn the speaker ON.

6. Slowly turn CH3 LEVEL clockwise until the CLIP LED indicator begins to blink, then turn it down slightly. This indicates the maximum input voltage gain is matched and set properly.
7. Now turn up the master VOLUME to necessary level by rotating clockwise.

To connect your iPod, iPad, iPhone, MP3 player, Android phone or tablet or any other Bluetooth capable device follow the steps listed below.

1. Make sure the unit's power switch is in the ON position.
2. Press the mode button until you are in Bluetooth mode.
3. Turn on the Bluetooth feature on your device and ensure that it is "discoverable". Look for and select "NYC" from your devices list.
4. The device should connect to the N Series unit within 3-5 seconds.

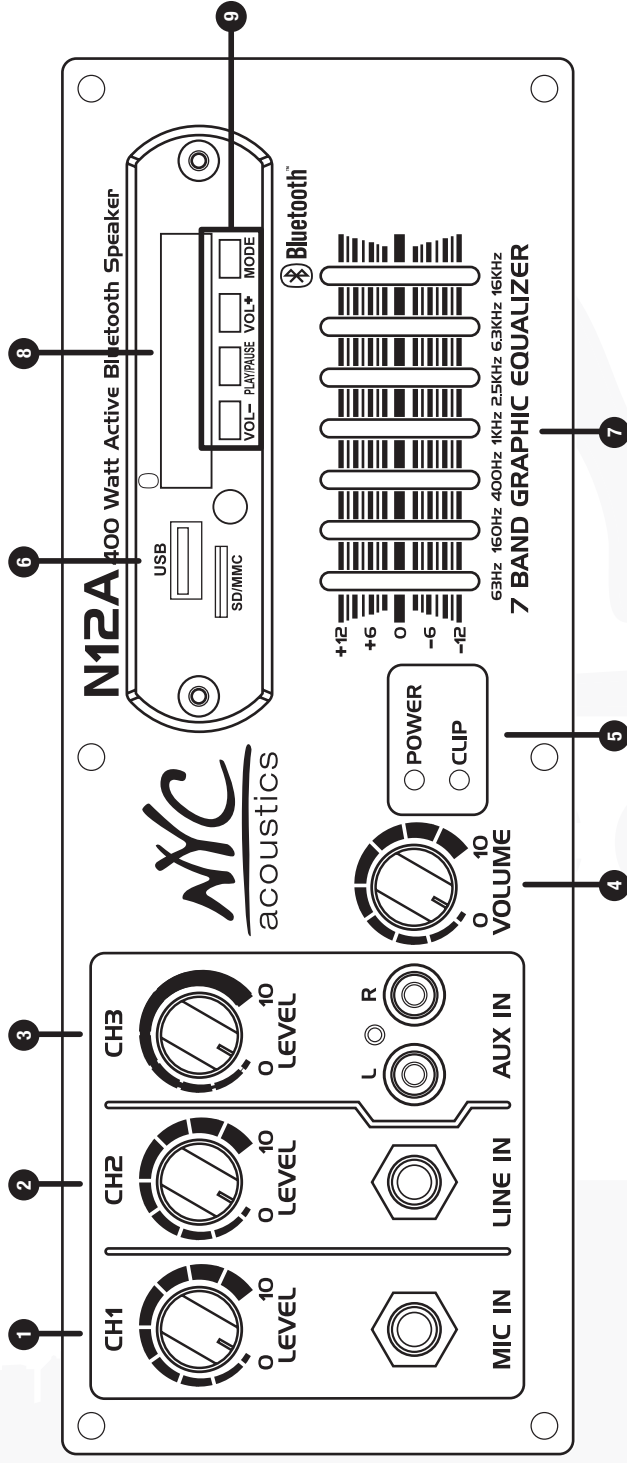
The built-in media player allows you to play MP3 and WAV files. To access this function follow the steps below.

1. Make sure the unit's power switch is in the ON position.
2. Insert a USB flash drive or SD card into the corresponding port. Music should begin playing automatically.
3. Press the Mode button to scroll through files on USB flash drive or SD card.

This unit comes equipped with an FM radio tuner. To operate the tuner simply follow the steps below.

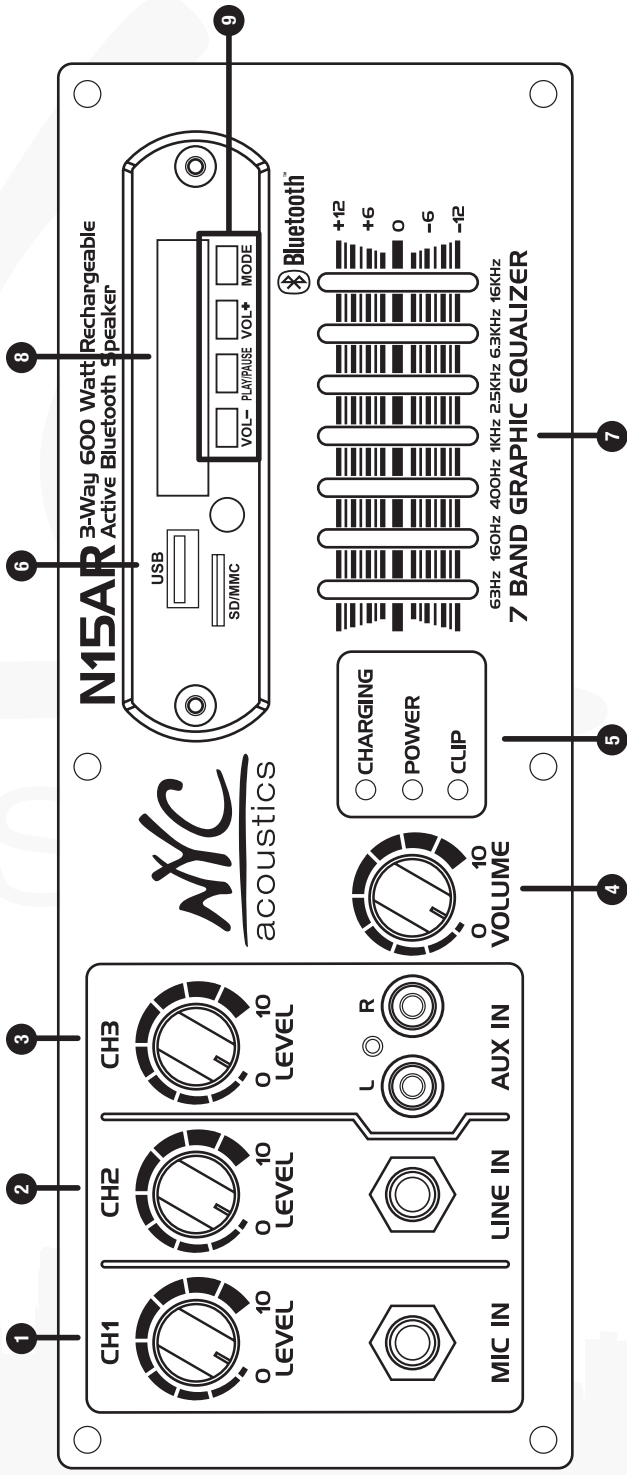
1. Make sure the unit's power switch is in the ON position.
2. Press the mode button until you are in FM mode.
3. Press the play button and the unit will search all active FM stations. Once it is done searching, it will return to the first found station.
4. To navigate the stations, use the Vol- / Vol+ buttons.

# N12A/N212A Front Panel



1. Channel 1: 1/4" Mic input with level control
2. Channel 2: 1/4" Line input with level control
3. Channel 3: RCA Aux input with level control
4. Master volume control
5. Power/Clip LED indicators
6. USB/SD input ports
7. Seven band graphic equalizer
8. LCD display
9. MP3 Player controls: Press Play button once to play track, press again to pause. Press and hold scan stations when in FM mode. Mode control switches between input modes: Bluetooth, USB, SD, MMC, and Radio. Vol- / Vol+ are also used to navigate FM stations. For FM station and track control quickly press button. For volume control press and hold button.





1. Channel 1: 1/4" Mic input with level control
2. Channel 2: 1/4" Line input with level control
3. Channel 3: RCA Aux Input with level control
4. Master volume control
5. Charging/Power/Clip LED indicators
6. USB/SD input ports
7. Seven band graphic equalizer
8. LCD display
9. MP3 Player controls: Press Play button once to play track, press again to pause. Press and hold scan stations when in FM mode. Mode control switches between input modes: Bluetooth, USB, SD, MMC, and Radio. Vol- / Vol+ are also used to navigate FM stations. For FM station and track control quickly press button. For volume control press and hold button.

# N15AR Front Panel

# N12A/N212A/N15AR Rear Panel



1. IEC AC Power socket with user serviceable fuse
2. Power switch
3. 110V/220V variable voltage selector switch

**FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION**

Responsible party name: NYC Acoustics

Address: 600 Bayview Ave.  
Inwood, NY 11096

Hereby declares that the product(s) N-Series Active Bluetooth Speakers comply with FCC rules as mentioned in the following paragraph:

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.

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 receiver.
- Connect the equipment into 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.



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