Thank You for purchasing an AV Now Sound System!

This instruction guide will help you set up your system efficiently and get the most from your new equipment. The following information will give step-by-step instructions on:

- Receiving your order
- Mounting components in the rack
- Basic In-Rack layout schematic for AV Now sound systems
- Connecting cables in the back of the rack
- Speaker placement
- Volume and equalization adjustment
- Additional information

Please note that not all systems are the same. These instructions are for a typical AV Now Sound System.

Receiving Your Order

When receiving your order, check packing slips to see that you have received all of the items on your order before continuing. Please Note: Any discrepancies (either damaged or missing items) must be reported to AV Now within 1 business day of delivery. Keep all packaging materials and boxes in new condition in case there is a need to return anything. Contact us at 800-491-6874 immediately for any missing or damaged items.

Getting Started: The Audio Rack

16RU Audio Rack   12RU Audio Rack   6RU Audio Rack

Note: RU stands for Rack Unit, which is 1.75" tall. So, for example, a 6RU rack has vertical space for 10.5" of equipment.

Rack-Mounting Your Components

- First: Open your equipment rack, which will be one of the largest rectangular boxes. The audio rack will house all of your systems components.
- Remove the front and back pop-out panels from the rack. Lay your audio rack down on the floor. The long black metal rack rails with holes should be facing up; this is considered the front of the audio rack. The bottom of the audio rack has rubber feet or wheels (depending on the model purchased).
- If you purchased a rack with wheels, you will find them inside the audio rack and attached to one of the rack rails inside the audio rack. Remove the wheels and attach them to the bottom of the rack using the screws located in the mounting holes on the bottom of the rack.
- Locate the small pack of rack screws in a baggie (usually packed with the speaker cables and smaller accessories). Note: When you get to the Rack Mounting section below, each component will require four rack screws to install/'mount' it into the rack. The rack screws will be inserted through the four holes of each component's rack ears. It is not recommended to secure any of the component pieces with the screws until you finalize the positioning of each component.
- Please read the following section before screwing any equipment into the audio rack rails.
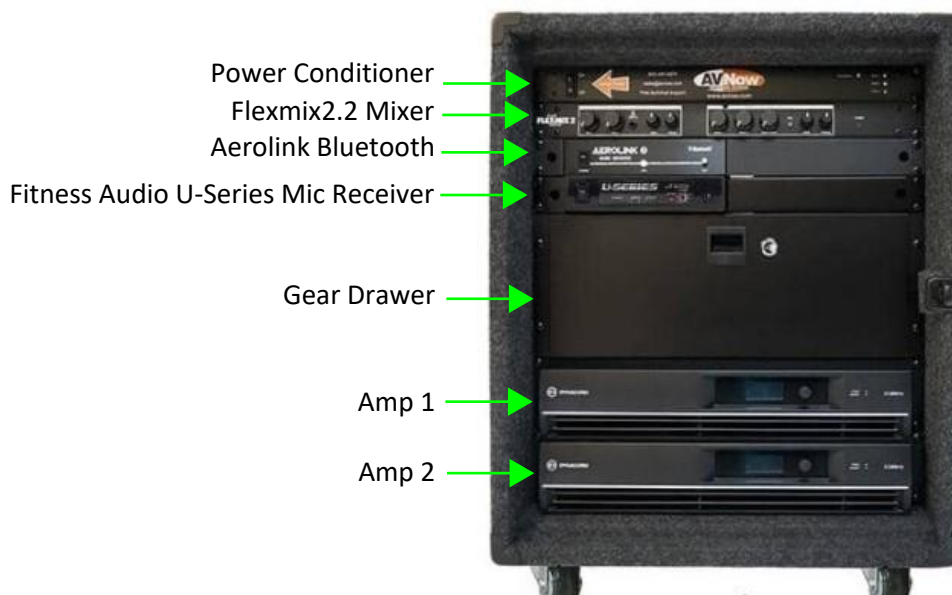

Figure 1 – Easy Buy 2000 Audio Rack (Completed)

Figure 2 Easy Buy 1200 Audio Rack (Completed)

Basic Rack Layout for AV Now Sound Systems

- Unbox all the components and set them to one side of the rack in the approximate order they will be installed, top to bottom. The suggested layout in Figure #1 is the recommended standard for an AV Now Sound System featuring a rolling audio rack. Figure #2 is the recommended standard for an AV Now Sound System featuring a small 6RU tabletop audio rack
- Looking down into the rack's front, lay each component on the internal rack rails. Each piece is 19" wide and will fit perfectly onto the rack rails. Gravity will hold the pieces in place.
- Note: While the following steps are based on Figure 1, you may vary the items' positions per your actual equipment and specific needs.

A Typical AV Now Rack

Power Conditioner

Flexmix2.2 Mixer

Aerolink Bluetooth

Fitness Audio U-Series Mic Receiver

Gear Drawer

Amp 1

Amp 2

It is best to mount the power conditioner or sequencer at the top of the audio rack. The Flexmix2.2 mixer should be placed below the power conditioner. The Bluetooth receiver and mic receiver can be placed below the mixer. If you have any drawers or filler panels, place them below your music players and mic receiver. Lastly, place the amps all of the way at the bottom of the audio rack. Once you have all of the components in place, you can use the provided rack rail screws to secure each one in place.

Connecting Cables in the back of Audio Rack:

First thing first - outputs go to inputs. It is crucial to connect all components to ensure that the audio signal makes it all the way from your music player and mic to your speakers! We'll show an example of each element and where they would connect.

Mic Receiver:

Steps:
1. If applicable, mount your mic receiver to the provided rack mounting kit. (See manufacturer's guidelines for specific model of wireless mic receiver)
2. Connect your mic receiver's ¼" mono output into the MIC 1 input on the FLEXMIX2.2 mixer.
3. Connect mic receiver's power supply to the power conditioner located at top of rack.

Note: If you have a 3-PIN XLR cable, feel free to use this instead of a ¼" mono connection cable. If you have a second wireless microphone system to connect into the system, use the 2nd microphone input located to the immediate left on the rear of the Flexmix2.2 mixer.

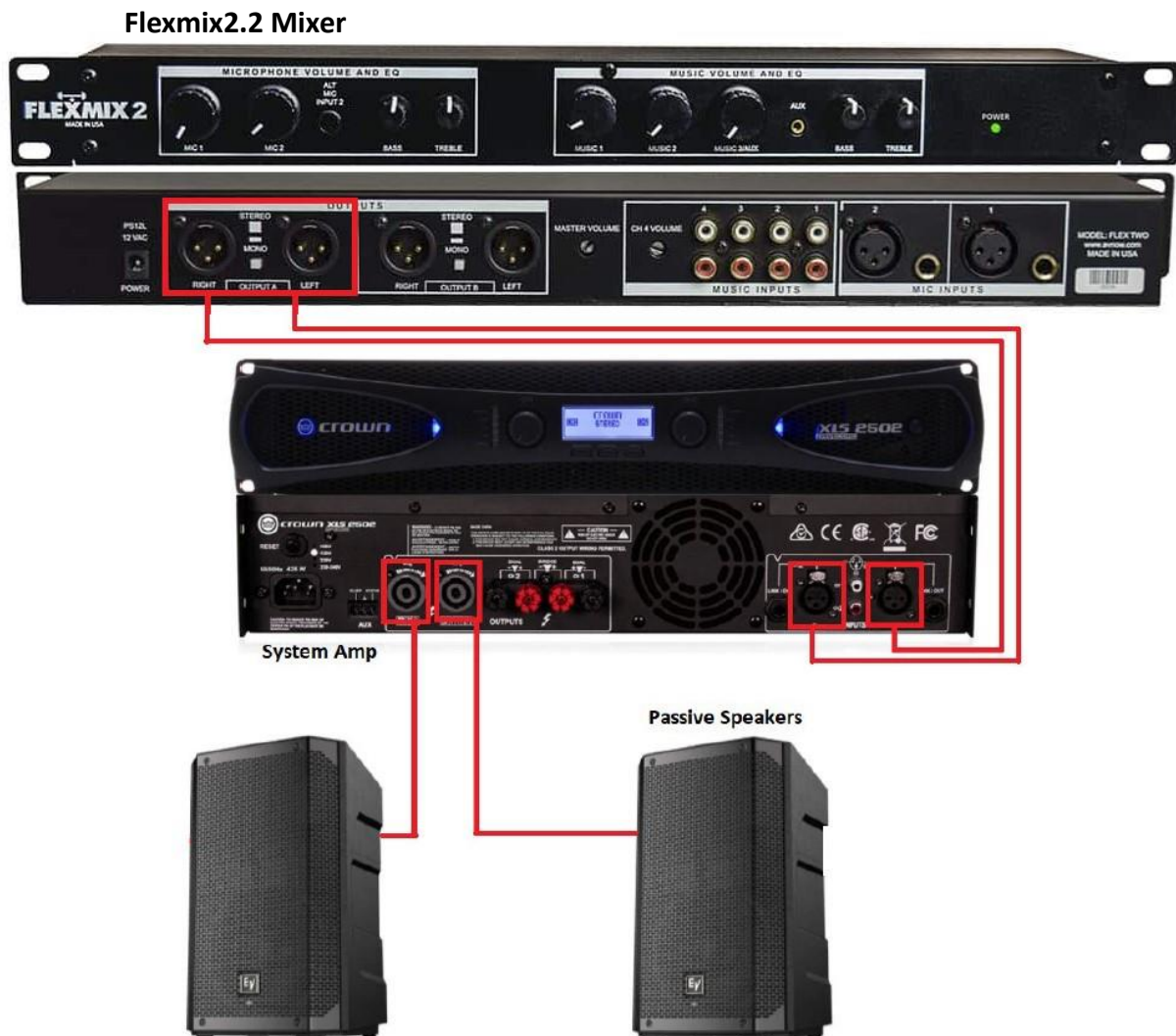# Music Player: Aerolink Bluetooth or Multimedia Player (CD Player)

Steps:

1.Connect the RCA Line outputs of your music player into the Red/White RCA input on the rear of the Flexmix2.2 mixer. Like the mic system, the port you connect the music input into on the rear of the Flexmix2.2 is numbered and corresponds to a volume dial on the Flexmix2.2 mixer, which is also numbered to match the port you plug into.

2.Connect the player's power supply or power cable into the power conditioner at the top of the audio rack.

3.Connect any additional music players into the additional Red/White RCA inputs on the rear of the Flexmix2.2.

4.Plug the provided 3.5mm AUX cable into the AUX port on the front of the Flexmix2.2 mixer. This AUX port can be used to connect a music source directly into the front of the mixer. This is controlled by Music Volume 3 on the front of the Flexmix2.2 mixer.

Note: There is also a 4th RCA input on the Flexmix2.2 mixer. On the front of the Flexmix2.2 there is **not** a 4th volume knob. This input is great for sources not requiring a constant volume adjustment. This volume knob has commonly been used for non-instructor led virtual class offerings where members cannot adjust the volume.

Flexmix2.2 Mixer - Connecting to Speakers or Amplifiers

There are two kinds of speaker configurations available through AV Now. Some packages include powered speakers, and some include amplifiers with passive speakers. Below is a diagram of the typical wiring for powered and passive speakers. If you happen to have a powered subwoofer or second amplifier for subwoofers, there is also a section detailing this connection on the back of the Flexmix2.2 mixer. NOTE: *Powered speaker systems include power and signal combo cables - use these to plug into the Flexmix2.2 mixer and power conditioner at the top of the audio rack.*

Passive System With 2 Speakers

Flexmix2.2 Mixer

System Amp

Passive Speakers

Passive System With 4 Speakers

Flexmix2.2 Mixer

System Amp

Passive Speakers
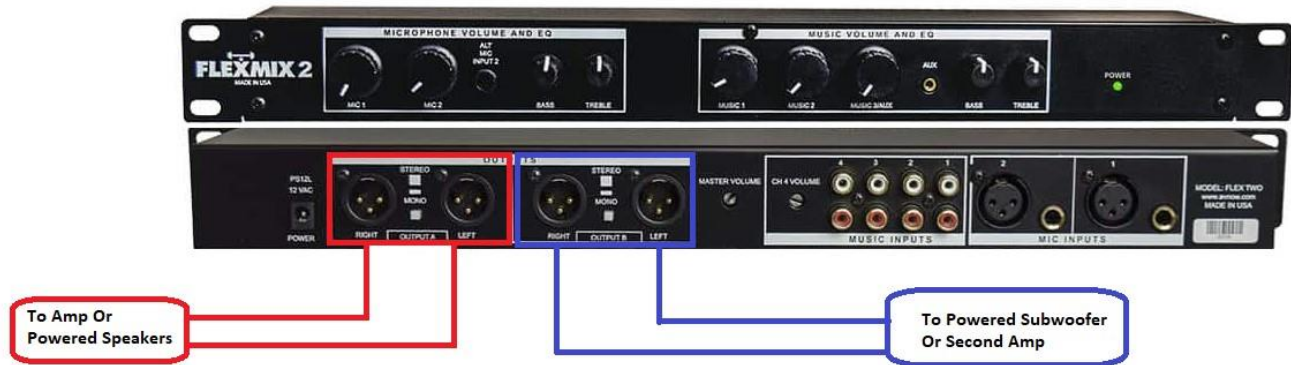
Powered System With 2 Speakers

Flexmix2.2 Mixer

Input From Flexmix 2.2

Speaker Power Cable

Powered Speakers

Systems With Powered Subwoofers or 2 Amps

To Amp Or Powered Speakers

To Powered Subwoofer Or Second Amp

NOTE: The second set of XLR outputs can be connected to a second amp or powered subwoofer. If you have a powered speaker system, all speakers' inputs can connect into the Flexmix2.2 XLR outputs.

Still have questions? Scan the code below for a video on mounting components and making connections:
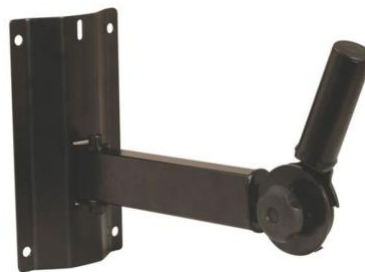

Mounting Your Speakers

Mounting your speakers has a huge impact on how your sound system *sounds*. Human ears tend to best pick up sound from directly in front of them. It is best to place speakers on the front wall where the instructor would be located and where members will be facing. Ideally, you want the speakers mounted on the front wall, evenly spaced to cover your participants evenly. Be sure to place the speakers around 10-12' above the finished floor in your studio. In most cases, speakers are placed above mirrors on the front wall and below the ceiling.

Speakers can be mounted horizontally or vertically, depending on the type of wall mounts that were included in your systems. If you have a U-Bracket, your speaker can be mounted horizontally or vertically. If you have post brackets, speakers can be mounted vertically only.
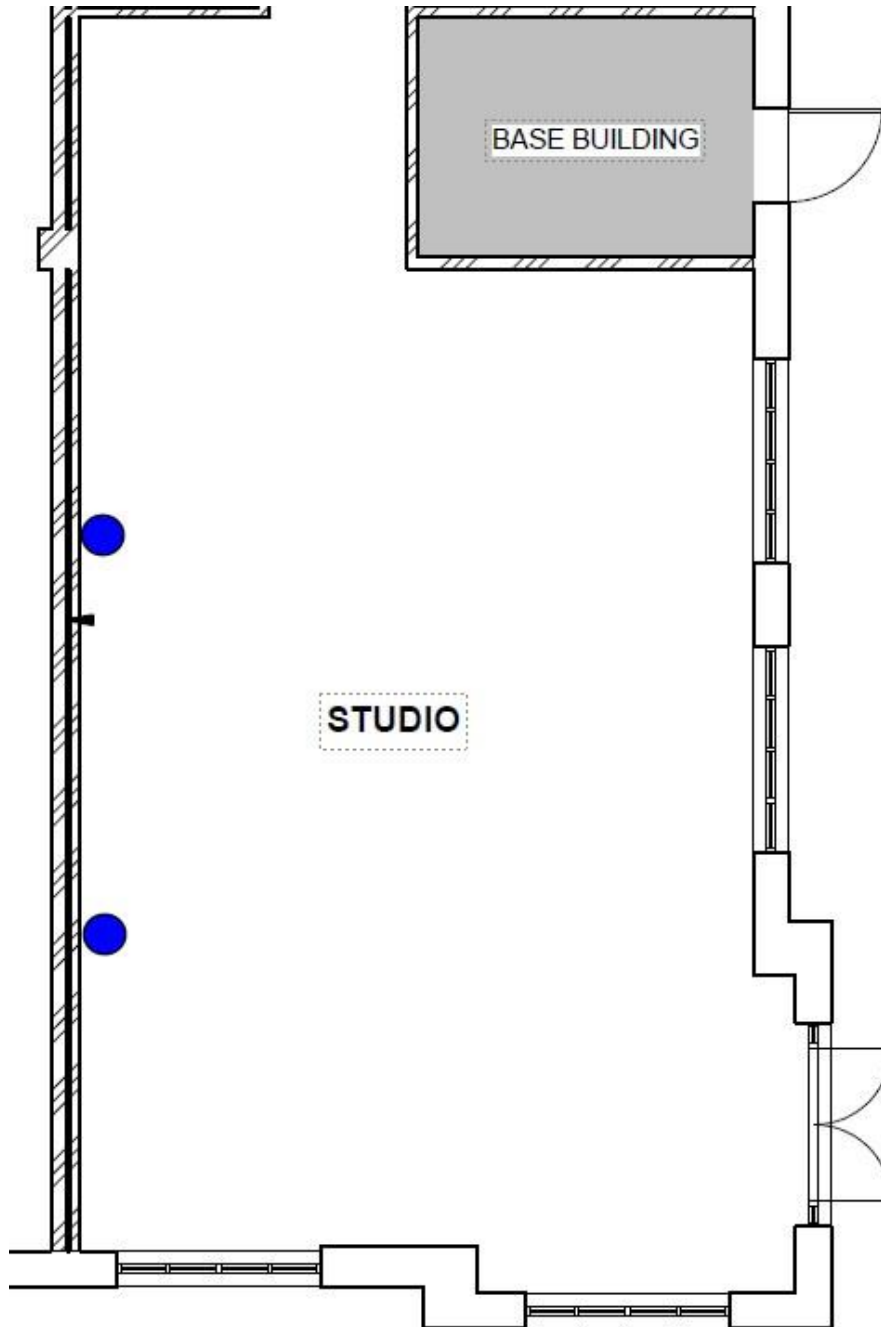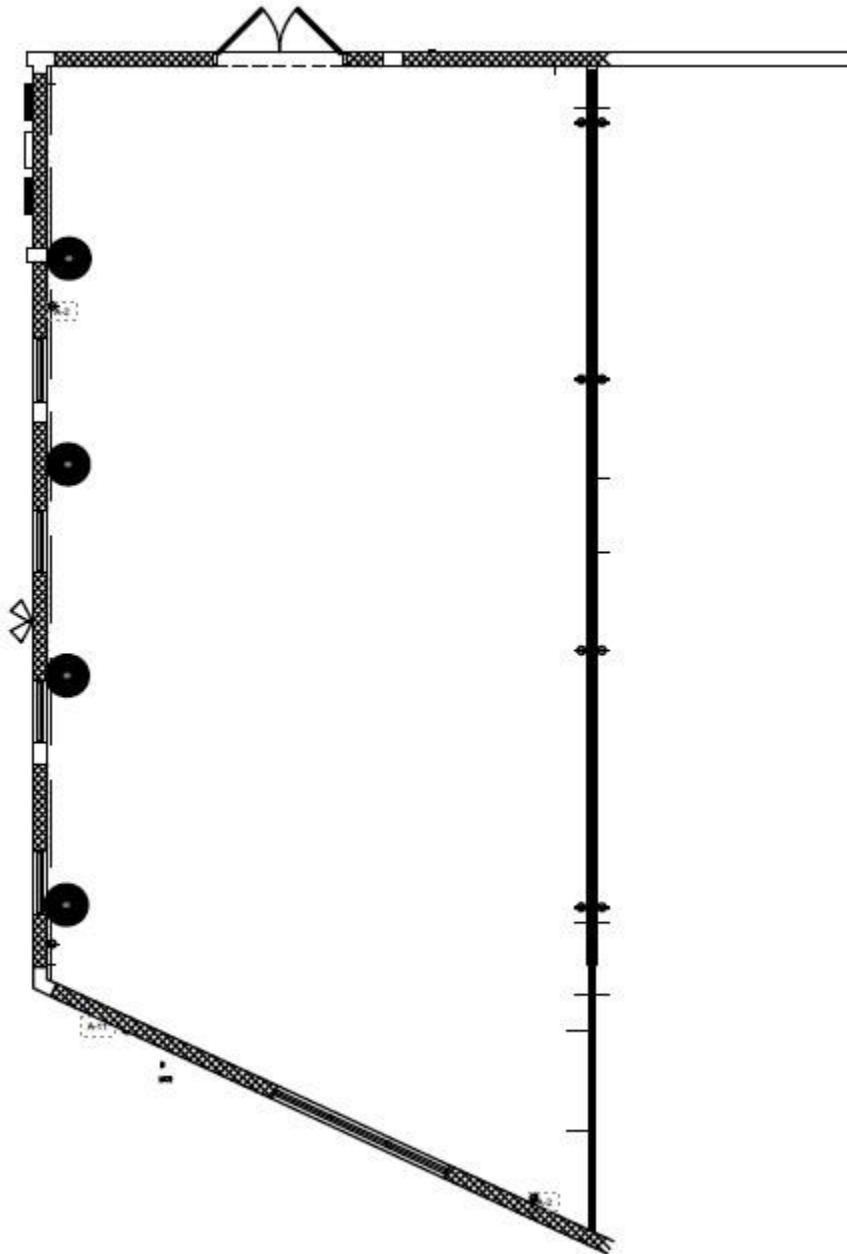

U-Bracket

Post Bracket

2-Speaker Sound System Example Speaker location (Not To Scale)

BASE BUILDING

STUDIO

COMPLETE
AUDIO & VISUAL
SOLUTIONS

4-Speaker Sound System Example Speaker Location (Not To Scale)

Volume and Equalization

Your complete sound system is built to be easy to control and use for each one of your instructors. You have a **mic** section on the Flexmix2.2 Mixer and a **music** section. You will need to use both sections to mix the voice and music together. Both the mic and music has independent bass and treble control to make your fitness class sound exactly how you like!

One great feature for club owners and fitness managers is the Flexmix2.2 mixer has a hidden master volume knob on the rear of the mixer. This limits the overall volume the knobs on the front of the mixer can exceed.

Questions comments or concerns? Please reach out to us at sales@avnow.com or 800-4916874!