

8-SOURCE 8-ZONE DISTRIBUTED AUDIO MATRIX AMPLIFIER

Model: DAX88 User Manual



DAX88 User Manual

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Safety



WARNING! TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION! TO REDUCE THE RISK OF SHOCK, DO NOT REMOVE THE COVER, NO USER SERVICABLE PARTS INSIDE. REFER SERVICE TO A DAYTON AUDIO AUTHORIZED DEALER.

IMPORTANT SAFETY INSTRUCTIONS

- Read and keep these instructions.
- Heed all warnings and follow all instructions contained within this manual.
- Do not use this unit near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 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. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the unit.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this unit during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the unit has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled, or objects have fallen into the unit, the unit has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Operate the unit only with the voltage specified on the rear. Fire and/or electric shock may result if a higher voltage is used.
- Do not modify, kink, or cut the power cord. Do not place the power cord in close proximity to heaters and do not place heavy objects on the power cord and/or the unit itself, doing so may result in fire or electrical shock.
- Do not touch the speaker terminals as electric shock may result.
- Ensure that the safety ground terminal is connected to a proper ground. Never connect the ground to a gas pipe, as a severe explosion and/or fire may result.
- Be sure the installation of this product is stable, avoid unlevel surfaces as the product may fall and cause injury, property damage, electrocution and/or fire.
- Note that when the unit is turned off, it is not completely disconnected from the AC power outlet. Do not open the cover.

REFER ALL SERVICE TO A QUALIFIED SERVICE TECHNICIAN

FCC Statement



FCC Statement

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
 - (a) This device may not cause harmful interference.
 - (b) This device must accept any interference received, including interference that may cause undesired operation.
2. FCC Radiation Exposure Statement: Mobile device.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.

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 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.

Overview

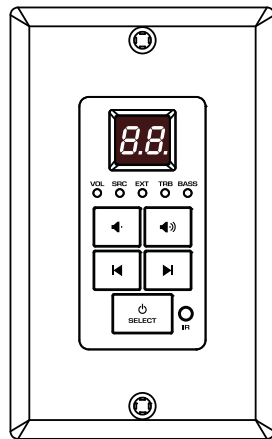
The DAX88 8-source 8-zone Distributed Audio system provides ultimate audio control for 6 amplified zones, and 2 line level zones. Perfect for whole home audio systems or for business, the DAX88 is a true matrix audio system that delivers an extensive list of features for professional and residential installations. The DAX88 was designed for ease of installation by the integrator, and be simple to operate for the user. The DAX88 is fully controllable with the iOS and Android compatible Dayton Audio Matrix application, and is also controllable with wall keypads and IR remote controls.

The DAX88 kit includes the following parts:

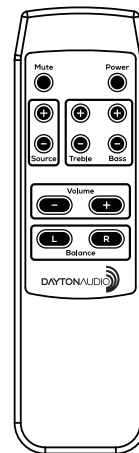
- 1 x Master Controller/Amplifier
- 1 x Rack Mounting Kit
- 1 x Installation Guide/Operation Manual
- 6 x Phoenix Connector Plugs for Speaker connection

The following optional accessories are available and can be purchased separately.

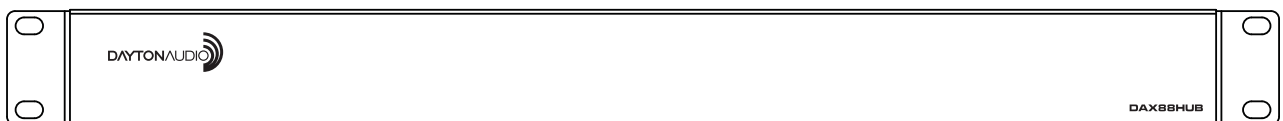
- DAX88KP – Wall mountable keypads that will allow control of all basic functions per each zone
- DAX88HUB – Rack Mountable Hub to connect all keypads to the DAX88
- DAX88IR – IR Remote Control that can control keypads



DAX88KP



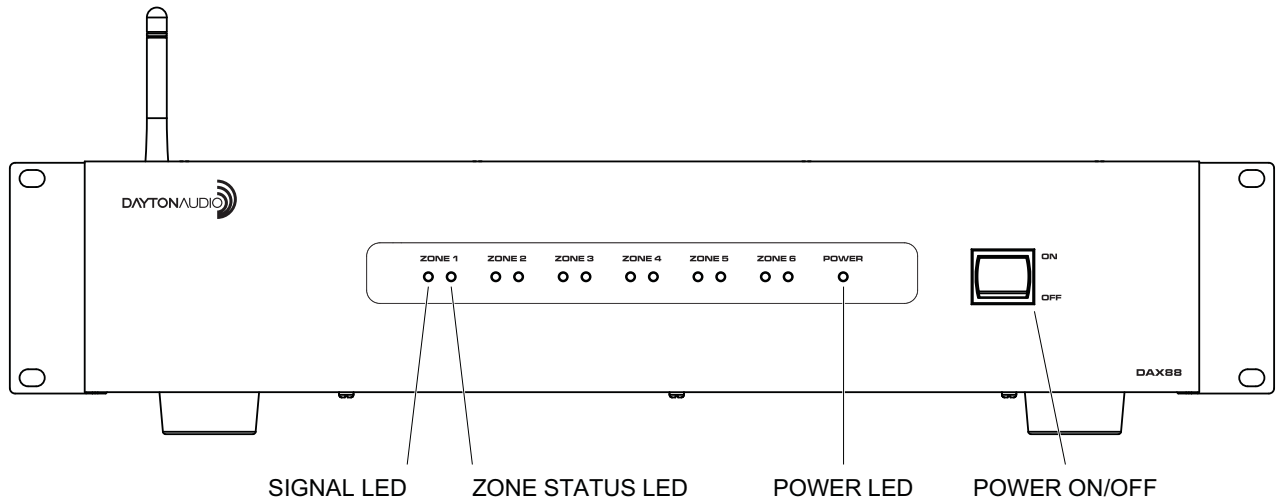
DAX88IR



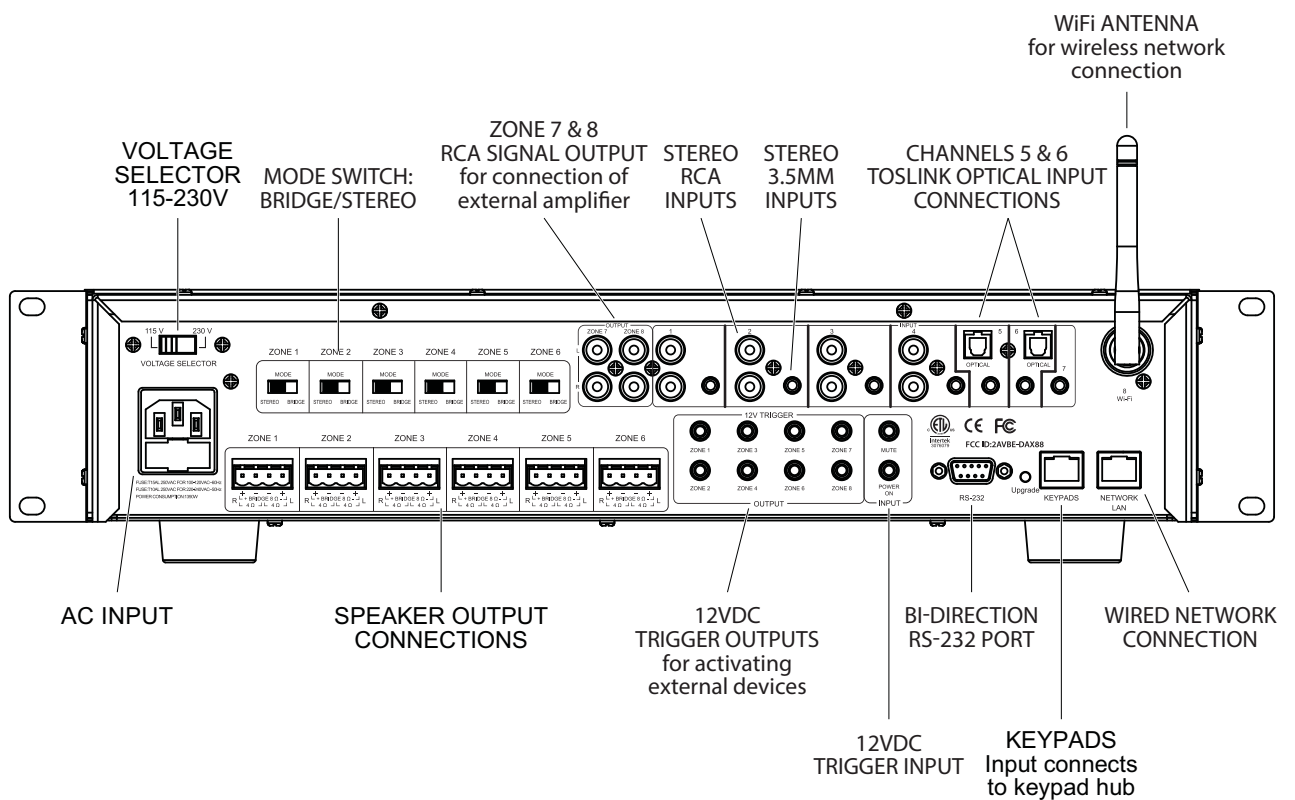
DAX88HUB

Overview

DAX88 Front Panel



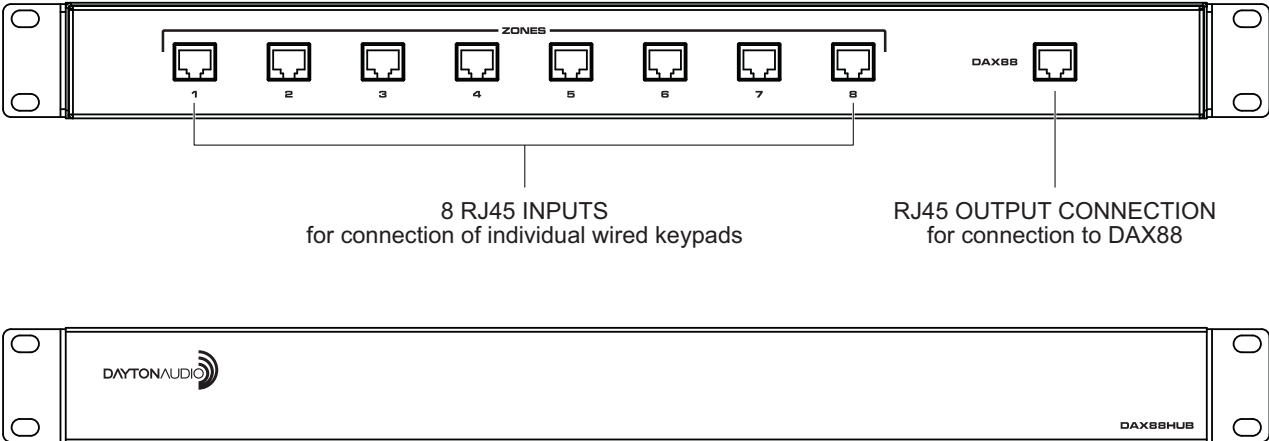
DAX88 Rear Panel



Overview

DAX88HUB- Keypad Hub (Optional)

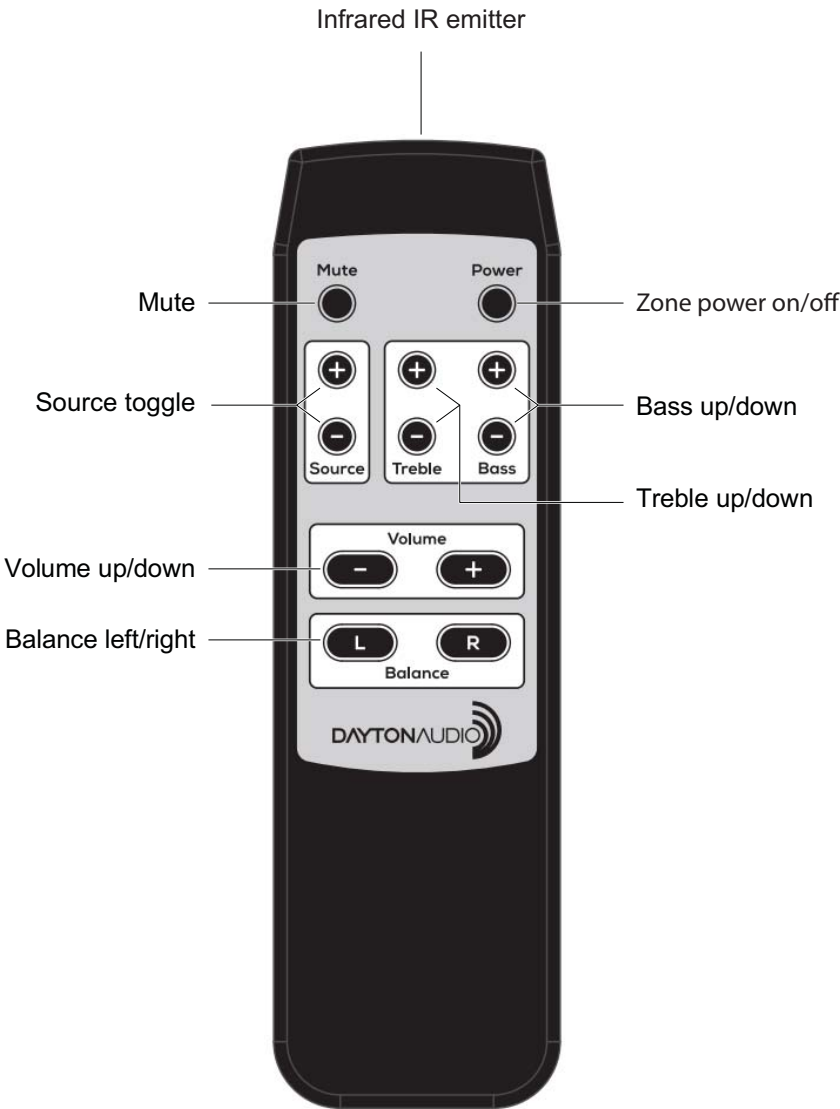
The DAX88 Keypad Hub allows up to 8 keypads, 1 per zone, to be hooked up to your DAX88



Overview

DAX88IR – IR Remote for Keypads (Optional)

The DAX88IR infrared remote control provides complete zone control through the IR receiver on the DAX88 keypads. All keypad functions can be accessed using the DAX88IR. In addition to the keypad functions, the DAXRC has a MUTE button to temporarily mute audio in the zone. Once the MUTE function is activated the keypad's LED display will flash, indicating the mute status. Press the MUTE button to continue playing music, or press the keypad volume up or down buttons to un-mute the zone.

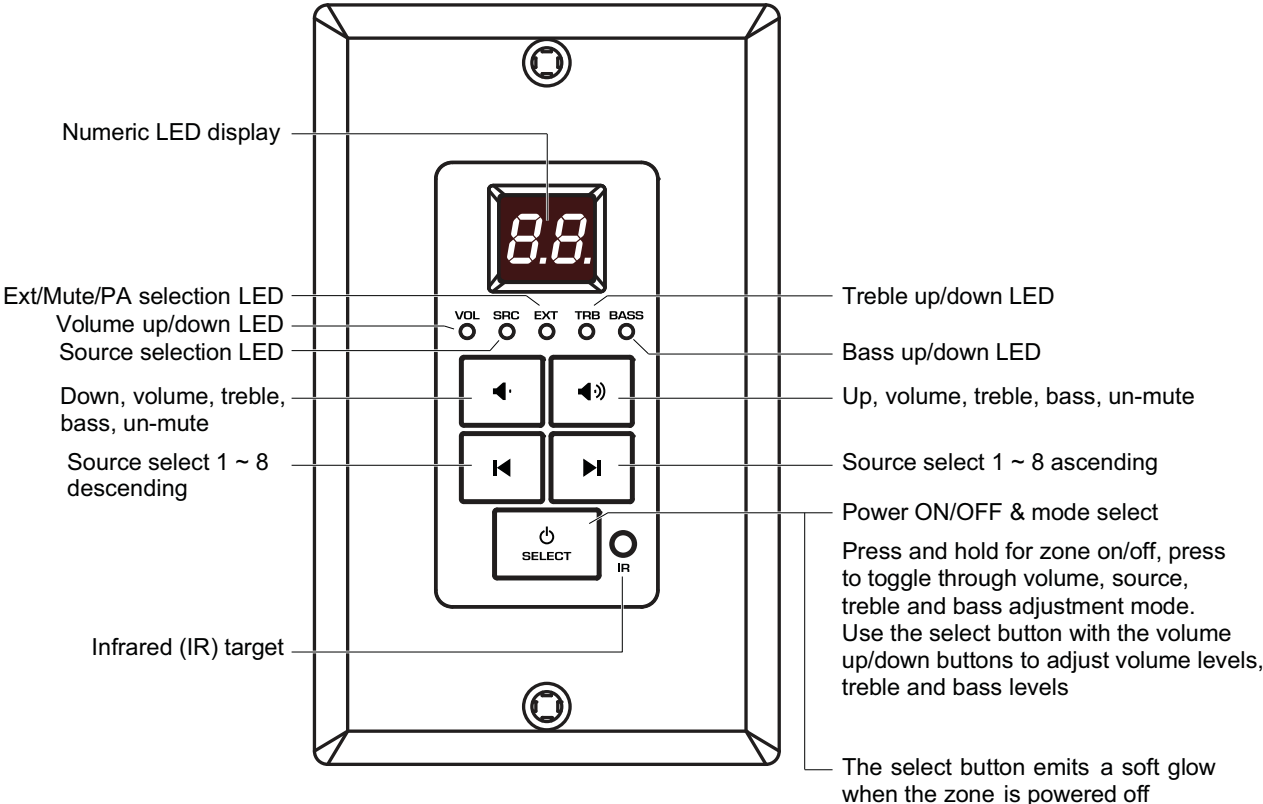


Overview

DAX88KP – Keypad (Optional)

The DAX88 keypad is designed for ease of use with a maximum ability to control sound. Soft-touch backlit buttons and a backlit LED display provide convenient control of the zone; ON/OFF, source 1 ~ 8 selection, volume, treble, and bass. A built-in IR target or external IR target connected to the EXT-IR terminals on the rear of the keypad, relay commands to the DAX88 main unit through your DAX88IR IR Remote.

Five LEDs on the keypad face indicate the operation mode of the keypad. The EXT LED indicates that the system is receiving a trigger command from an external device.



Installation – Main Unit

Install the DAX88 in a well-ventilated location; do not block the vents on the sides or top of the chassis, proper ventilation is required for normal operation. Do not expose the unit to excessive dust, do not allow dust to build up on the unit, and do not block the vent holes in the chassis. Do not place the DAX88 above or below heat-generating components such as another audio amplifier. Be sure to leave at least 2 inches of space to the sides of the chassis with open air flow above and below the unit. Due to the weight of the unit, we recommend using four-post racks at minimum.

Overview

1. The DAX88 and DAX88 Keypad Hub can be mounted in an equipment rack using the included rack mount kit.
2. Always disconnect AC power before making connections to the DAX88.
3. Use high quality 12 or 14 AWG stranded copper speaker wire for all speaker connections.
4. Use high quality cable for connection of the keypads to the master controller/amplifier; we recommend Cat5e to connect keypads. Buying Cat5e pre-terminated with RJ45 connectors (ethernet patch cables) might be desirable if you do not want to terminate the wire yourself.
5. The DAX88 uses a Keypad Hub to connect all keypads to the DAX88. Further detail is found in the keypad section. Install the keypad hub close to the master controller/amplifier. A Cat5e cable terminated with RJ45 connectors (a standard ethernet patch cable) is necessary to connect the keypad hub to the DAX88 main unit.

Installation – Main Unit

Installing Multiple DAX88 Units

Because of the thoughtful design of the app that controls the DAX88, Dayton Audio Matrio, there is no limit to the amount of DAX88 devices that can be used on a single network. The app will seamlessly add any DAX88 units it can find on the network with no additional setup. The group control mode of the app can even control multiple zones from different DAX88 units at the same time. Make sure to space out DAX88 units, do not stack them directly on top of each other, make sure there is an air gap between units.

How to Wire inputs to multiple devices

If you have multiple DAX88 units and want to feed them the same input, you will need to split your input and route it to both devices. There are many devices and cables available from your Dayton Audio retailer that will split an analog or TOSLINK signal so you can hook it up to multiple DAX88 devices. Pay special attention to the app setup guide where it says to name these inputs exactly the same on each device. This will ensure that group control will work properly for input switching.

Note: If you have multiple devices and plan to group them together in the Hi-Fly app so you can Wi-Fi stream to both at the same time, your devices must be hard wired to the network or physically very close together for grouping to work properly.

Installation – Speakers

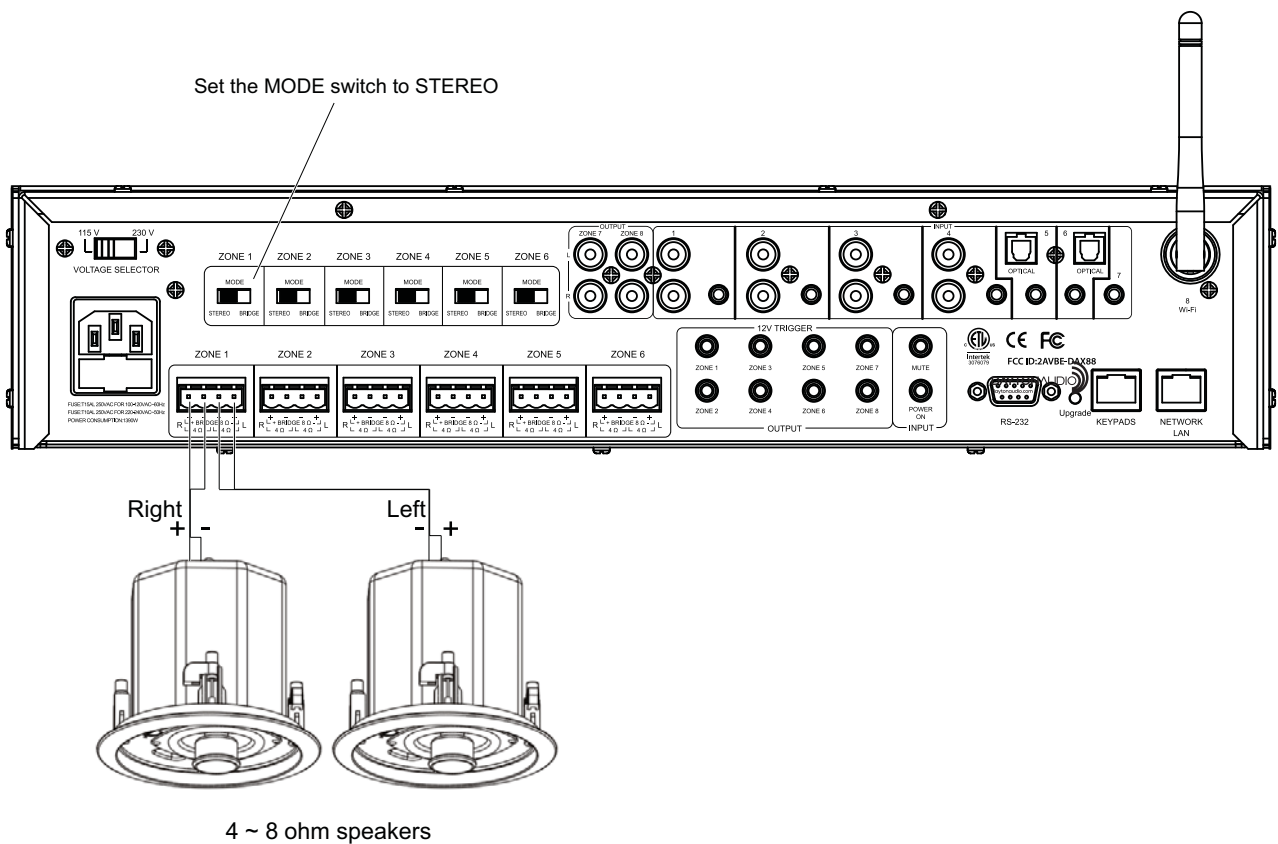
Speakers

- Use good quality 12-14 AWG stranded copper speaker wire. Most jurisdictions require the use of CL2 rated in-wall speaker wire, refer to your local building code enforcement office for the proper cable type for your installation.
- If speaker wires must be run parallel to AC wires, keep the speaker wires and AC wires at least 10 inches apart. If you must cross AC wires, always cross at a 90 degree angle. The DAX88 amplifiers are capable of driving 4 ~ 8 ohm speaker loads in stereo mode, and 8 ohm loads in bridge mode.
- Improper speaker installation can damage the amplifiers and void the warranty. If you are unsure how to connect speakers to the DAX88, contact a qualified technician
 - Never connect more than two 8 ohm speakers wired in parallel to a single amplifier channel in stereo mode.
 - Never connect more than one 8 ohm speaker to a single channel in bridge mode.
 - Never connect the Left & Right channels of the amplifier together or combine the (–) negative channels of the amplifier.
- Remove the terminal block connector and make sure that all contacts are open by turning each set screw counter clockwise. This helps ensure that the speaker wire will not fray when inserted into the terminal. After inserting the speaker wire into the terminal, turn each set screw clockwise until tightly connected. Pay special attention to the polarity (+ and -) so you wire your speakers correctly in phase.

Installation – Speakers

Connecting speakers to the DAX88 in STEREO MODE

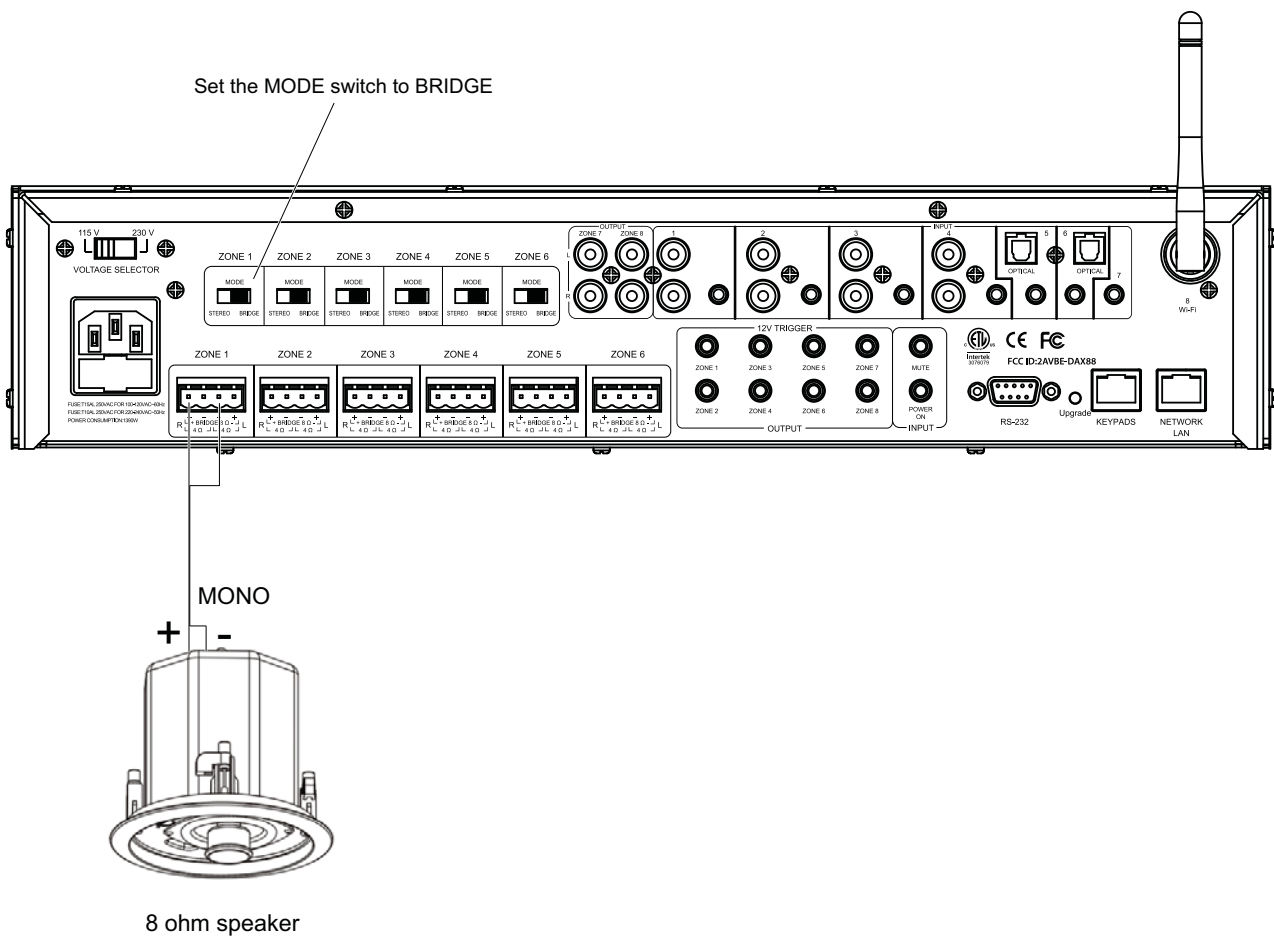
Set the amplifier mode switch to STEREO. Remove approximately 5 inches from the cable jacket, strip 1/4" of insulation from the speaker wire, and twist the copper strands. Insert the speaker wires into the connector per the label below the output terminals and tighten the set screws. Repeat for the remaining zones.



Installation – Speakers

Connecting speakers to the DAX88 in BRIDGE MODE

In BRIDGE mode the amplifier LEFT and RIGHT outputs are combined into a more powerful MONO output, thus doubling the output power to 50 watts with a minimum speaker load of 8 ohms. Remove approximately 5 inches from the cable jacket, strip 1/4" of insulation from the speaker wire, and twist the copper strands. Insert the speaker wires into the connector per the label below the output terminals and tighten the set screws. Repeat for the remaining zones. It is permissible to mix STEREO and Bridged MONO outputs on one DAX88.

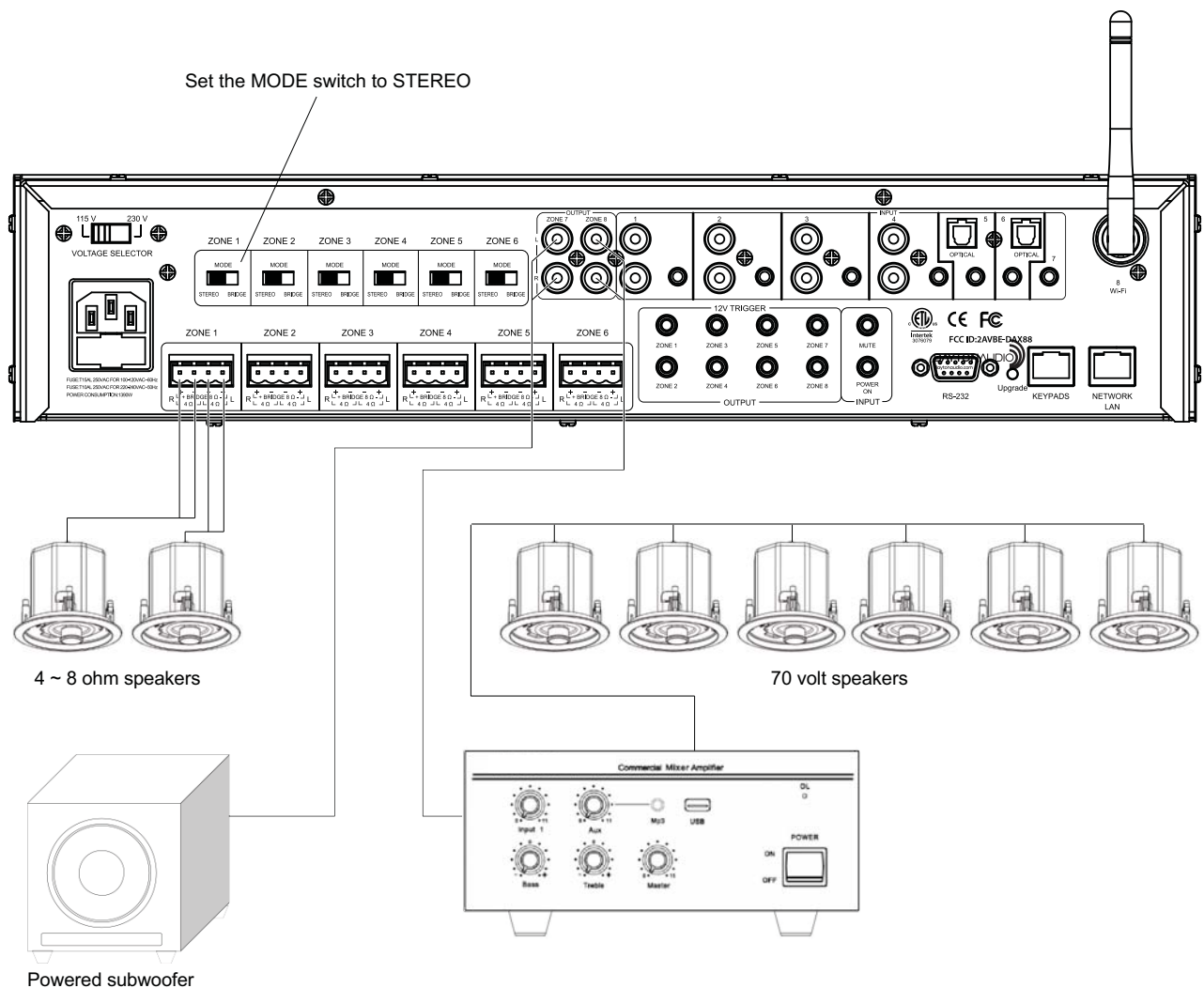


Installation – Speakers

Using DAX88 Pre-Amp Outputs

Zone 7 and 8 of the DAX88 are pre-out zones and are represented on the back of the unit as stereo RCA jacks. These zones can be used for connecting external amplifiers to expand the available power in a large zone or multiple zones, or can even be used to add a powered subwoofer to a room. These outputs could even be used to feed an audio signal into another DAX88 unit.

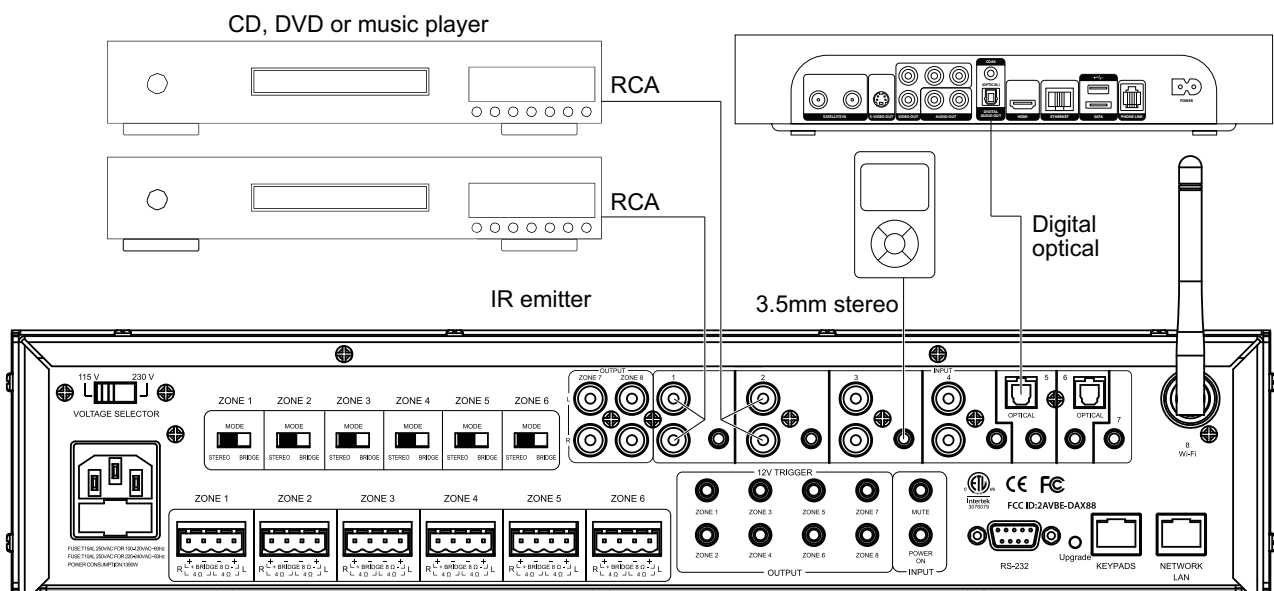
The DAX88 can be used as the master controller in large commercial audio systems with constant voltage 25/70V amplifiers connected to these PRE-AMP outputs. The PRE-AMP output levels are variable and are controlled from the Matrio App, DAX88 keypad or even RS232 from an automation system. For best performance, the PRE-AMP output cables should be less than 25 feet long and be high-quality, shielded cables.



Installation – Audio Sources

The DAX88 provides 8 source inputs that can be accessed by any zone.

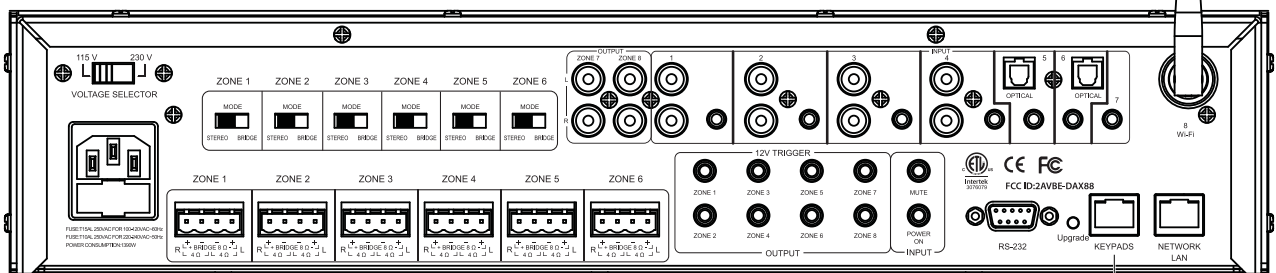
- Inputs 1 ~ 4 are stereo, unbalanced, line level source inputs via RCA style female connectors or a female 3.5mm jack. If both inputs are present, they will mix together.
- Inputs 5 ~ 6 have options for Toslink (optical) input, or analog audio through a 3.5mm jack.
 - If using Toslink, make sure to use “PCM-Stereo” or Auto detect settings on your source device. Your device should be set to auto detect by default and work properly, but if not, you can usually find these settings in settings -> Audio -> S/PDIF or something similar. Refer to the user manual of your source device. You will know if your settings are correct or not, because if they are incorrect, the sound will be loud digital noise rather than proper audio.
 - The 3.5mm jack will take priority over the Toslink input, meaning that if anything is plugged into the 3.5mm jack at all, the Toslink input will be disabled. These inputs will NOT mix.
- Input 7 is a 3.5mm jack for analog, stereo audio.
- Input 8 is the Wi-Fi /Dayton Audio Hi-Fly input, thus you cannot plug anything into this input, and is represented with the Wi-Fi antenna. Further details about how to use the Hi-Fly input are found in later sections of this guide.



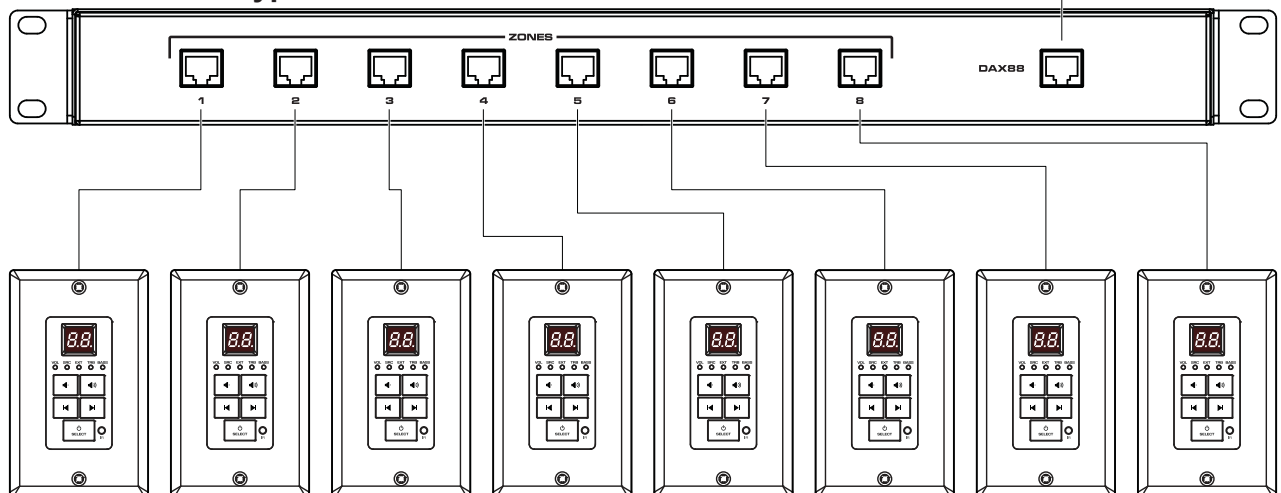
Installation – Keypads

- Each DAX88 zone can be controlled outside of the app with keypads that can be mounted into a wall. Because the DAX88 is app controllable, you can install as few or as many keypads as you want (up to 8). These keypads offer convenient control for volume, source input, bass and treble. The keypads also feature an IR sensor that can be used with the DAX88 Remote.
- Use high quality Cat5e/6 cable between the controller/amplifier and the keypads. Proper installation techniques will guarantee that the keypads will work properly up to 600 feet from the controller/amplifier. The use of RJ45 (typical ethernet) connectors on the keypads and keypad hub means that pre-terminated cables can be easily sourced, and the equipment to terminate Cat5e/6 cable yourself can be easily found, if necessary. The typical keypad installation will utilize a DAX88 Keypad Hub, with up to 8 keypads attached to it.

DAX88



DAX88HUB – Keypad Hub

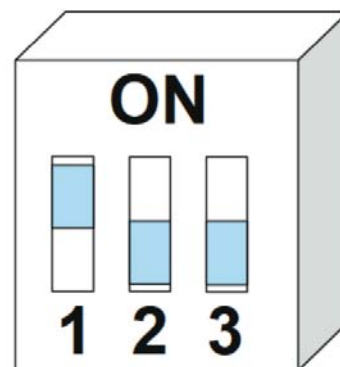


DAX88KP – Keypad

Installation – Keypads

- Use standard electrical boxes or low voltage rings to mount the keypads. Connect the keypad hub to the master controller/amplifier using a standard Ethernet patch cable.
- Although the DAX88 Keypad Hub is labeled as 1 – 8 for each of the 8 ports, the dip switches on the back of the keypads must be set so they correspond to the correct zone like the chart below shows. This gives each keypad a distinct address. The up position is 'ON', whereas the down position is 'OFF' This chart is also found on each keypad for ease of installation. The example on the right has the correct settings for "Zone 3". If you do not complete this step for each keypad, your keypads will not control the correct zone.

Zone	1	2	3
Zone 1	ON	ON	OFF
Zone 2	ON	OFF	ON
Zone 3	ON	OFF	OFF
Zone 4	OFF	ON	ON
Zone 5	OFF	ON	OFF
Zone 6	OFF	OFF	ON
Zone 7	OFF	OFF	OFF
Zone 8	ON	ON	ON



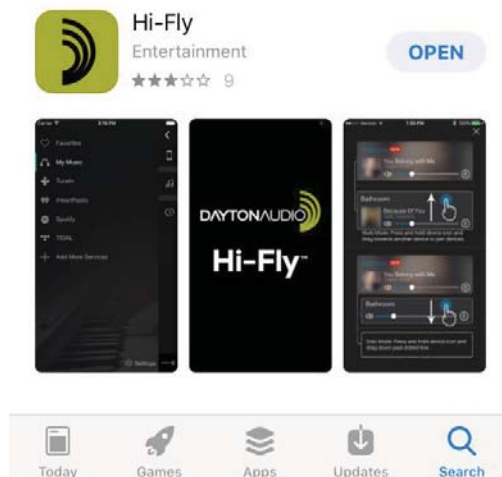
Installation – Network Connection

Because the DAX88 is a network-based device, initial setup will require adding the device to your network. This will enable app control and Wi-Fi streaming, and can be done in 2 different ways

Option 1: (Recommended) Hard wire the DAX88 to your network using a standard ethernet cable connected to the jack on the back of the DAX88 device labeled “Network”.

Option 2: If you cannot hard-wire your DAX88 with an ethernet patch cable, add the DAX88 to your network with Wi-Fi using the Dayton Audio Hi-Fly app available on the iOS App Store and the Android Google Play Store.

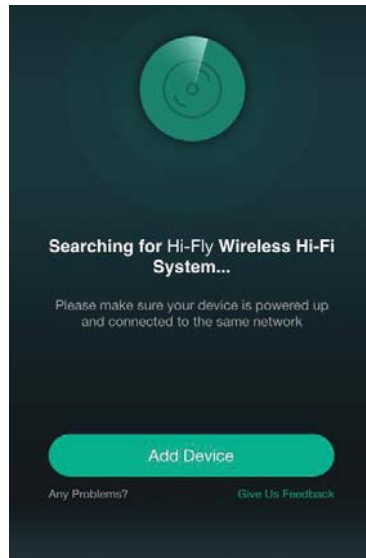
- 1) Download the Hi-Fly App from the iOS or Android App Store



- 2) Make sure your DAX88 is powered on and close to your nearest Wi-Fi access point.
 - a. Your DAX88 will broadcast its own Wi-Fi network out of the box from the factory. Once the DAX88 is configured in the Hi-Fly app, it will stop broadcasting its internal Wi-Fi.

Installation – Network Connection

- 3) Open the Hi-Fly app and press “Add Device” on the following screen.



- 4) Follow the on screen instructions in the Hi-Fly app.
 - a. The first step of connection will require you to connect to the DAX88's internal Wi-Fi. The Wi-Fi SSID of your DAX88 device will be DAX88_XXXX, where XXXX is a unique identifier of your DAX88. This will be labeled on the back right side of your DAX88 device with a sticker. Once connected, your device will tell you that internet is unavailable with this Wi-Fi connection. This is normal—you will connect back to your usual Wi-Fi network in the next step.
 - b. The second step will require you to connect the DAX88 to your Wi-Fi network. Make sure you are adding your DAX88 to the Wi-Fi network that the devices you will use the Matrio control app are on. Your mobile device running the Matrio app and the DAX88 units you wish to control must be on the same network.
- 5) Once this process is finished, your DAX88 will be ready to use with the Matrio app and is also ready to have audio streamed to it with the Hi-Fly app. This can be Apple Air Play, Spotify, TuneIn Radio and more. All streamed music is represented as the “Hi-Fly input” or input 8.

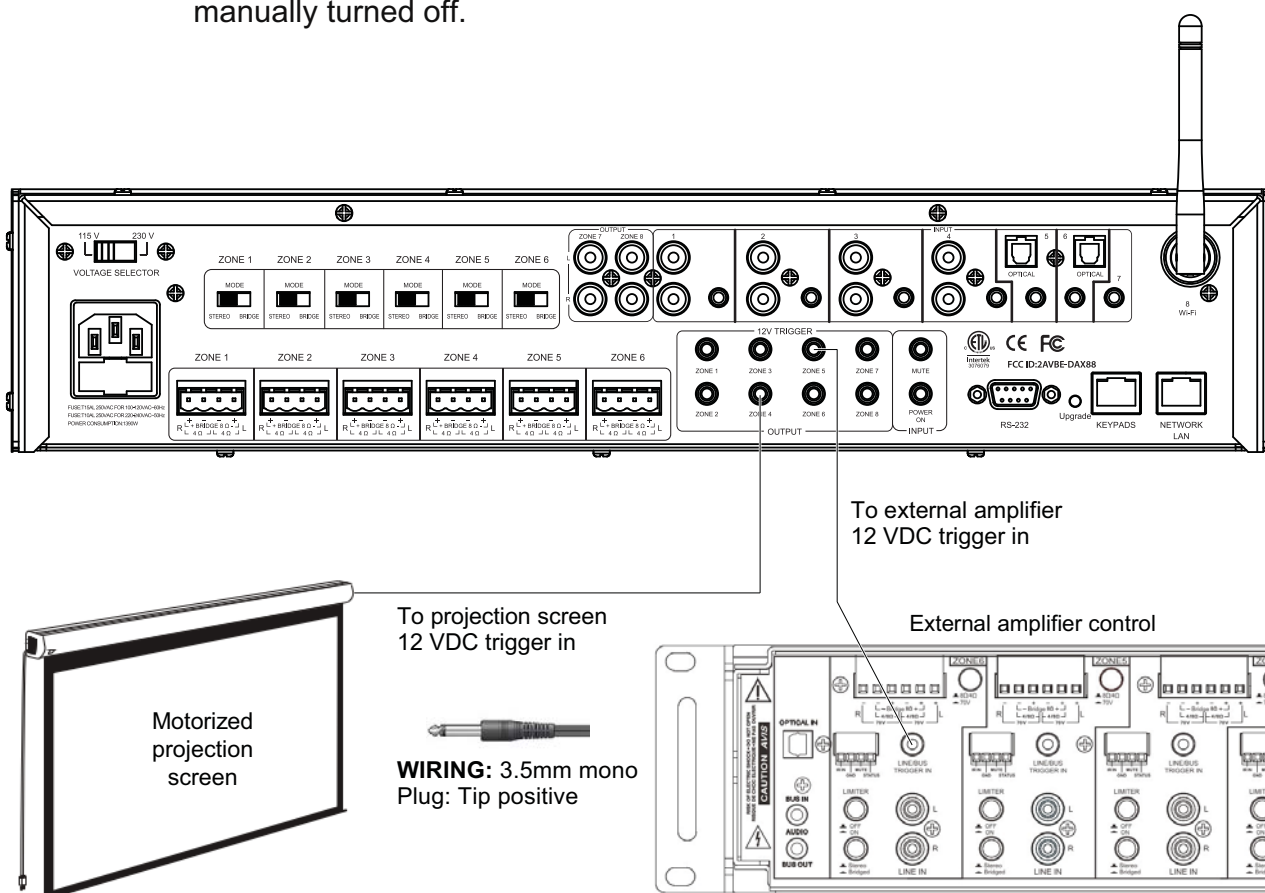
Installation – Network Connection

Note: Dayton Audio Hi-Fly technology requires 2.4 GHz Wi-Fi if your DAX88 is not connected with an ethernet cable. The typical Wi-Fi network is setup so the 2.4 GHz network is named the same as the 5 GHz network, and switching is automatic within your router. Some networks are setup so these networks have separate names. For example, you might have networks “MyWiFi 2.4 GHz” and “MyWiFi 5Ghz”, and you will generally have your mobile device connected to the 5Ghz network in this case. If this is your network, you will want to connect your DAX88 to the 2.4 Ghz Wi-Fi during the setup process. Further in the setup process, the app might give you an error that your smart device is connected to the 5GHz network but your DAX88 is connected to the 2.4 GHz network. If this happens, simply kill the app (by swiping it away in your recents menu) and reopen it and it should work correctly.

Installation – 12V Triggers

The DAX88 has 2 sets of 12V triggers for each zone on the rear of the device to automate your audio system even further. All connections should be made with a 3.5mm mono cable, and connect all signals as tip positive.

- The first set of triggers will output a 12V signal that corresponds to a zone being on or off. For example, if you wire a cable to the 3.5mm port for Zone 1's trigger, you will get a 12V signal on that wire when the zone is on, and 0V when the zone is off. This 12V signal can be useful, for example, for turning on other equipment automatically like a projection screen or an external amplifier.
- The second set of triggers have two different functions.
 - The mute trigger will mute all zones if it receives a 12V signal, but it will unmute once the 12V signal is removed. This trigger will take precedence over any mute settings you make in the Dayton Audio Matrio app or with the IR remote.
 - The power on trigger will turn on all zones if it receives a 12V signal. Zones will stay on even after the signal is removed. For example, if a 12V signal is applied to the power on trigger, all zones will turn on. When the 12V signal is removed, the zones will stay on until standby or they are manually turned off.

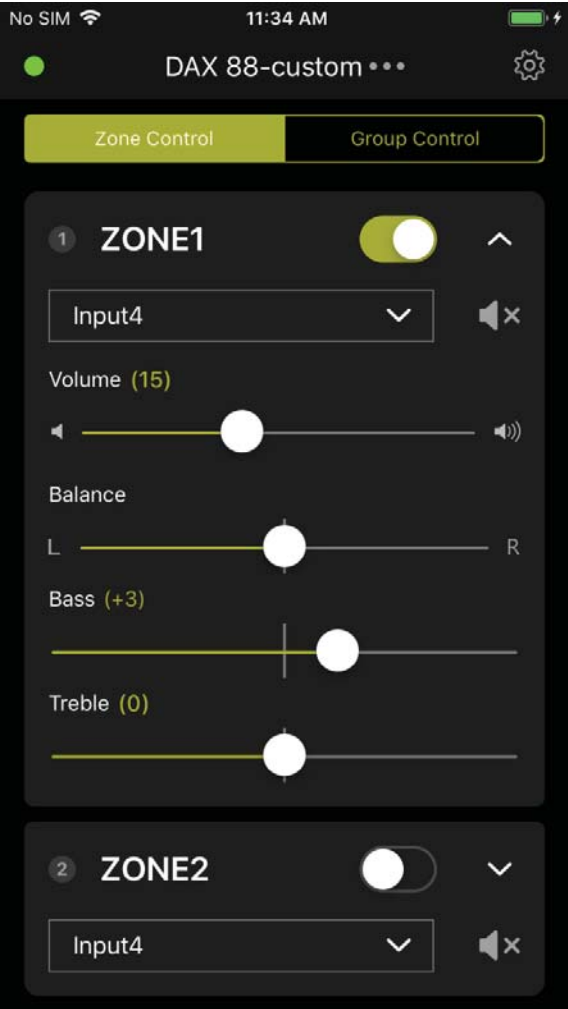


Dayton Audio Matrio App Description

The Dayton Audio Matrio App features convenient control over all of the functions of the Dayton Audio DAX88. The app offers two main screens for control and also a settings menu that offers extra customization.

Zone Control

This menu offers control over all possible settings for each particular zone of your DAX88. All zones of the currently selected DAX88 device will be found in a scrollable list. Basic settings such as power on/off, input routing, volume and mute control are found for each zone. Additional settings such as balance, bass and treble control can be found by expanding each zone's control card with the arrow button. All custom zone names and input names will appear in this menu, allowing for easier control once the device is fully setup.



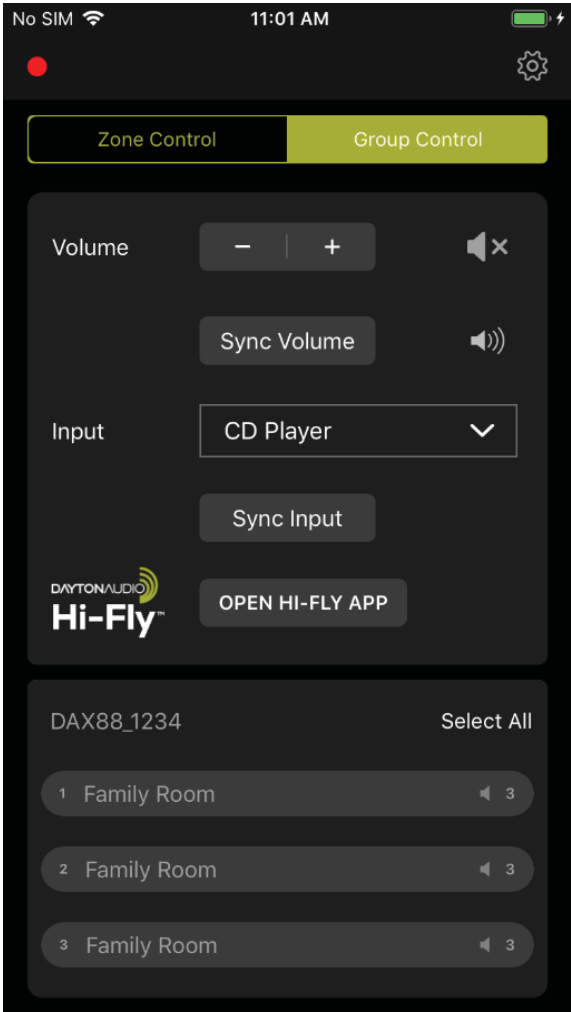
Dayton Audio Matrio App Description

Group Control

It can be tedious to change settings per zone one by one if you are trying to modify settings of many zones at a time. The group control page of the Matrio app offers a sleek solution for controlling many zones at once, even zones that are on different DAX88 units.

This screen will automatically populate with every DAX88 unit it finds on the network, including the custom names of Zones found on each device. Zones can be added or removed from the current group by simply tapping on the name of the zone.

Once a group is created, there are numerous options for controlling your group that are all found in the top box. Any command that is selected from the top box will affect all zones in the selected group.

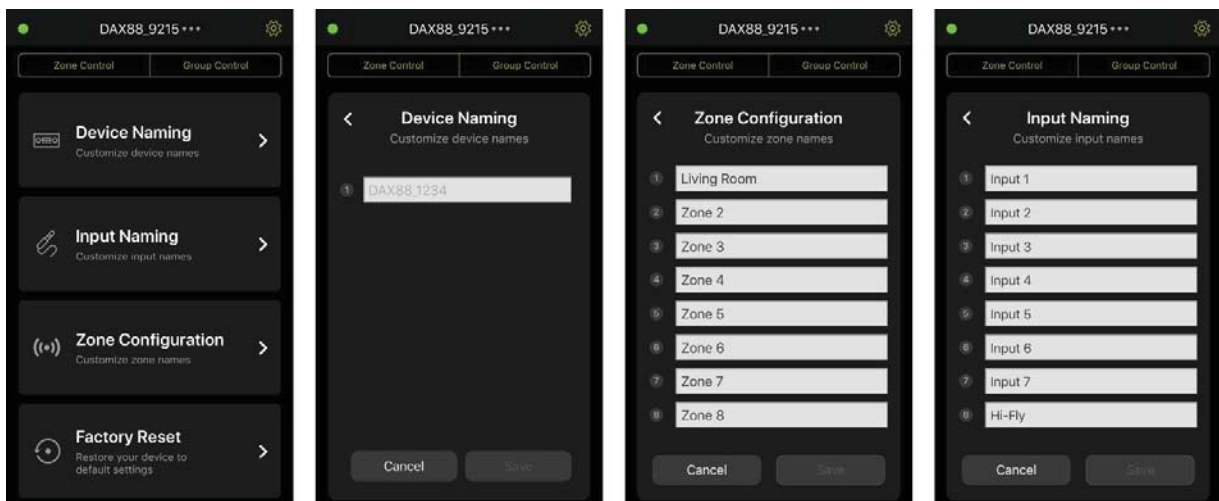


Dayton Audio Matrio App Description

Setting up Your Device in the Dayton Audio Matrio App

The Dayton Audio Matrio app offers customization to make using your DAX88 even easier for any user. As can be seen below, there are 3 options for customization. All custom names get stored on the DAX88 itself and retrieved by the app, so for example, if an installer sets up the names in the app during installation, anyone who uses the app after installation will see these names automatically. If multiple DAX88 devices are on the network, make sure to select the desired DAX88 unit by clicking the name at the top of the screen. The factory default name can be found on the back of the DAX88.

- 1) Custom Device Naming – This name will help you differentiate between units if you have multiple on your network. For example, you might name one unit “Warehouse” and another unit “Office”. These names will then appear instead of where you see “DAX88_9215” in the screenshots below.
- 2) Custom Zone Naming – You can give the zones on your device custom names, and these names will appear in the Zone Control and Group Control menus. For example, if you install a DAX88 in your home, you might have names of “Living Room”, “Dining Room”, “Kitchen”, “Bedroom”, etc.
- 3) Custom Input Naming – Customizing input names is useful if you have many inputs going into your DAX88 unit. Note that input 8 is not customizable, as it will always be “Hi-Fly”.
 - a. Important: If you will be using input switching across multiple DAX88 devices, it is important to give any inputs you might have paralleled or common between devices the same exact custom name.
 - i. Example: If I have two DAX88 units, and I have my CD player’s output paralleled so it is going into Input 2 of DAX88-A and also input 2 of DAX88-B, you must give these inputs the same name on each device so group control works correctly for input switching.



DAX88 Wi-Fi streaming with Hi-Fly

Because the Dayton Audio DAX88 has Dayton Audio Hi-Fly technology built in, you are able to enjoy Wi-Fi streaming on any or all zones of your DAX88. There are many streaming options with Dayton Audio Hi-Fly that are listed below. Make sure to set the appropriate zone of your DAX88 to input 8 or 'Hi-Fly' before streaming.

- TuneIn Radio
- iHeartRadio
- XIMALAYA
- Spotify
- QQMusic
- TIDAL
- Napster
- Apple AirPlay

Once added to the Hi-Fly app, your DAX88 should be immediately ready for AirPlay streaming, and other services can be accessed by first going through the Hi-Fly app and selecting the appropriate service

For example, the first time you use Spotify you will need to select Spotify in the Hi-Fly app and open Spotify through the provided link. Once this is completed for the first time, then your DAX88 will be available for streaming in Spotify any time that you're on the same network as your DAX88.

DAX88 Specifications

RMS Power (All Channels Driven) @ 4~8 Ohms	80 Watts / Channel
RMS Power (All Channels Driven) @ 8 Ohms Bridged	200 Watts / Channel
S/N Ratio	>87 dB
THD	0.60%
Frequency Response	20 - 20kHz
Maximum Input Sensitivity	800 mV
Amplifier Protection	Overload, Short Circuit, Thermal
Trigger Systems	DC 12V
Input	RCA, 3.5mm, Optical, Wi-Fi (Hi-Fly)
Output Connectors	Terminal Block, RCA
Wi-Fi Frequency	2400-2483.5 MHz
Wi-Fi Power	≤20 dBm (EIRP)
Power supply (switchable)	AC 120/60Hz, 230V/50Hz
Dimensions	19" (W incl. rack brackets) x 4" (H incl. feed) x 14.25" (D)
Weight	18.4 lbs
Line Out Voltage	1.5V
Bass Control and Fc	+/- 12 dB @ 100 Hz (Shelf)
Treble Control and Fc	+/- 12 dB @ 10kHz (Shelf)
Power Consumption (Standby)	23W
Power Consumption (Ratings)	1390W
Standby	120 Minutes
Warranty	5 Years

RS232 Serial Control

Baud Rate : 9600

Data Bits : 8

Stop Bits : 1

Parity : None

Flow Control : None

'CR': Carriage Return (0x0D) is required

Control command structure <xxPPuu'CR'

xx: Zone number

01 : Zone1

02 : Zone2

03 : Zone3

04 : Zone4

05 : Zone5

06 : Zone6

07 : Zone7

08 : Zone8

uu: indicates a value that the command uses, such as 0-38 for volume control

PP: indicates one of the following control action codes

PR:Power control

PR00:Power off

PR01:Power on

MU:Mute control

MU00:Mute off

MU01:Mute on

CH(01-08):Source control

V0:Volume control

V0(00-38):Volume control

TR:Treble control

TR(00-24):Treble control. Ranges from -12 to +12

Example: <01TR00 sets zone 1 treble to -12

<03TR12 sets zone 3 treble to 0

<05TR24 sets zone 5 treble to +12

BS:Bass control

BS(00-24):Bass control. Ranges from -12 to +12

Example: <01BS00 sets zone 1 bass to -12

<03BS12 sets zone 3 bass to 0

<05BS24 sets zone 5 bass to +12

BL:Balance control

BL(00-20):Balance control.

Example: <01BL00 sets zone 1 balance to 100% left

<03BS10 sets zone 3 balance to normal

<05BS20 sets zone 5 balance to 100% right

CH:Source control

RS232 Serial Control

Examples of various commands :

Set Zone 1 to Power Off <01PR00

Set Zone 1 to Volume 23 <11V023

Set Zone 1 to Power On <01PR01

Set Zone 6 to Source 4 <06CH04

Ask Status command structure ?xx'CR'

xx: Indicates the control object code

01 : Zone1

02 : Zone2

03 : Zone3

04 : Zone4

05 : Zone5

06 : Zone6

07 : Zone7

08 : Zone8

.....

Reply command: >xxaabbccddeeffgghhijj'CR'

aa:PA Control Status

bb:Power Control Status

cc:Mute Control Status

dd:DT Control Status

ee:Volume Control Status

ff:Treble Control Status

gg:Bass Control Status

hh:Balance Control Status

ii:Source Control Status

jj:Keypad connection status (00: Not connected 01: Connected

Revision log

V 1.0 – Basic manual

V 1.1 – Major formatting revisions, rewrites, and added numerous sections, including but not limited to

- Speaker connection guides
- Audio Source Connection Guide
- Trigger guides
- Wi-Fi streaming guide

Future versions of this user manual will include updated diagrams, improved instruction, formatting improvement, updated screenshots (with included annotation), etc.

5-Year Limited Warranty
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