

a sound relationship

Russound

MyRussound User Guide
Version 10.02.05

My Russound User Guide (Version 10.02.05)

Welcome to the MyRussound User Guide. This guide provides a tutorial on how to use the MyRussound app for mobile (iOS/Android) devices and the Russound XTS/XTSPlus touchscreens.

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Introduction

MyRussound™ is the primary interface for a Russound audio system connected to your home network. It offers simple, intuitive control for your connected Russound system and devices.

Models Supported

Current Products

MBX-Series

MBX-AMP – Wi-Fi Streaming Zone Amplifier

MBX-PRE – Wi-Fi Streaming Audio Player

MCA-Series

MCA-88 – 8-Source/8-Zone Multiroom Controller Amplifier

MCA-66 – 6-Source/6-Zone Multiroom Controller Amplifier

Legacy Products

C-Series

MCA-C3 – 6-Source/6-Zone Multiroom Controller Amplifier

MCA-C5 – 8-Source/8-Zone Multiroom Controller Amplifier

MCA-Series

MCA-88X – 8-Source/8-Zone Multiroom Controller Amplifier with built-in XStream Streamer

XStream Series

XSource – Streaming Audio Player

XZone4 – 4-Zone Streaming Audio System

XZone70V – 70V Streaming Audio Amplifier

X5 – Wi-Fi Streaming Controller Amplifier

When used with any Russound Controller Amplifier model listed above, MyRussound will also control any properly configured compatible connected devices such as CD/DVD Players, Cable/Satellite TV Boxes, Tuners, Media Storage Devices, and more.

The MyRussound app offers seamless integration with your Russound system and is available for free on both Android and iOS. The mobile app allows you to control any audio zone or room in the home as well as most connected sources from the comfort of your smartphone or tablet. A “zone” is one or more rooms that can play audio independently. A zone can be a living room, a bedroom, or a group of rooms like a master bedroom and master bathroom suite that always play the same audio content at the same time. For simplicity in this document, we’ll refer to both rooms and groups of rooms that your installer has grouped together as “zones”.

No additional hardware is required and no setup or configuration of the app is needed. The information your MyRussound interface displays is configured by your Russound Certified Installer during the setup and installation process and has already been custom designed for you and your home.

XTS and XTSPPlus touchscreens also offer native MyRussound control in the form of a dedicated wall-mounted touchscreen. These full color touchscreens offer always available convenience to maximize enjoyment of your compatible Russound system.

This user guide will give you an overview of how to navigate and use MyRussound quickly and easily. It is divided into sections that make it simple to find what you are looking for.

Depending on your Russound components, your system can be classified into the two types shown below. There will be slight differences in the functionality of MyRussound between these and any areas where there may be a difference will indicate which of the two system types is being explained.

The two different Russound system types are:

MCA-System – this describes any Russound system that includes a Russound MCA-C3, MCA-C5, MCA-66, MCA-88, or MCA-88X controller. Russound controllers are sophisticated audio matrices designed to share up to 8 audio sources in up to 48 individual zones in or around a home and they offer dedicated, efficient infrared or TCP/IP control of compatible sources. They are the backbone of a dedicated multiroom audio system.

MBX-System – this describes any Russound system that uses only MBX-PRE or MBX-AMP streaming audio devices and does NOT include an MCA-Series controller. MBX-Systems are modular and scalable for up to 32 zones in a home.

Most features of MyRussound are identical on both of these system types but there are certain menus and options you will only see on one or the other but not both.

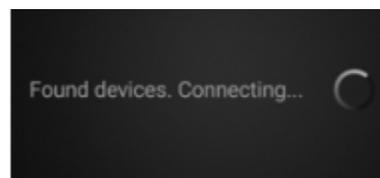
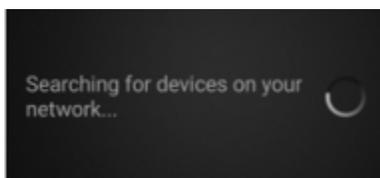
Information and data shown in the sample images in this document represent a typical system but the exact configuration, list of zones, sources, etc. has been customized for your system by your Russound Certified Installer and will therefore not match the images shown exactly.

Some features or services discussed or shown in examples may therefore not be available on your Russound system.

Getting started

Getting started is easy. If you are using an Android smartphone or tablet, launch the Google Play Store and search for My Russound. If you are using an iOS smartphone or tablet, launch to Apple App Store and search for My Russound. Download and install the app and you are ready to go. XTS/XTSPPlus touchscreens do not need any additional download as MyRussound is built-in directly to this keypad.

Once you have launched the mobile app, or provided power to your XTS/XTSPPlus touchscreens, you will see with a brief device discovery screen. MyRussound will auto-discover all available Russound devices on your home network automatically and connect to them. You don't need to know any information about your system or enter any configuration information in order to use MyRussound. That work has already been done by your professional installer.

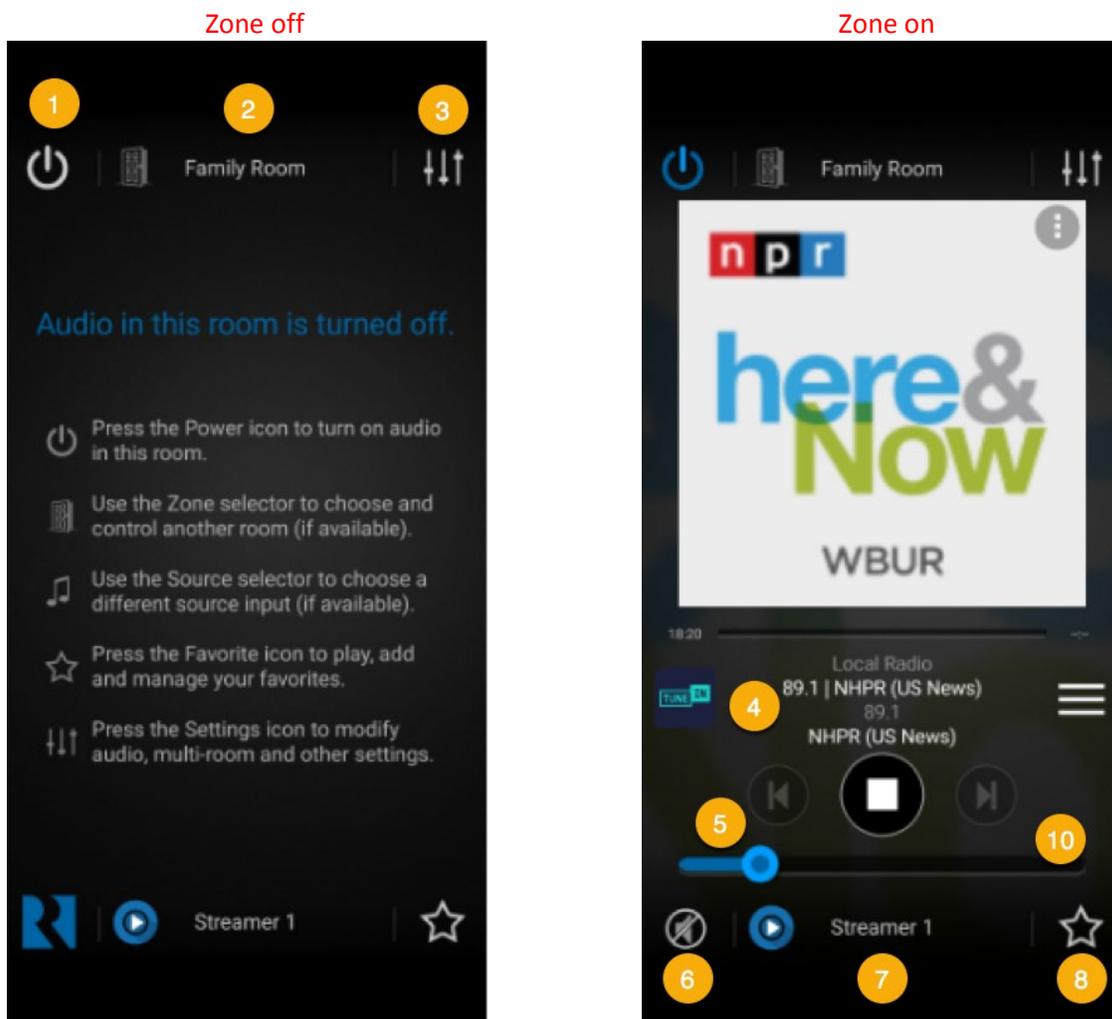


MCA with MyRussound

This section covers using MyRussound specifically with MCA-Series products such as the MCA-66 and MCA-88. This is our main type of centralized, distributed audio system. It allows for multiple sources of audio to be directed to up to 48 zones of audio. Each zone offers full independent control from the next, but they can all share common sources.

System Control (MCA) – General Overview

The main screen you will be brought to when you first connect to your MCA is going to be one of the two shown below, depending on whether the zone is on or off. If you were previously using MyRussound and left the zone on you will find it is still on. Below are images of what a zone will look like both in the off and on state. From this screen we can access anything we want to do for this zone, or even go directly to view our other zones of audio. When a zone is turned on you have a few extra options available and also will be able to see information about your current source playing and/or controls for the specific source selected.

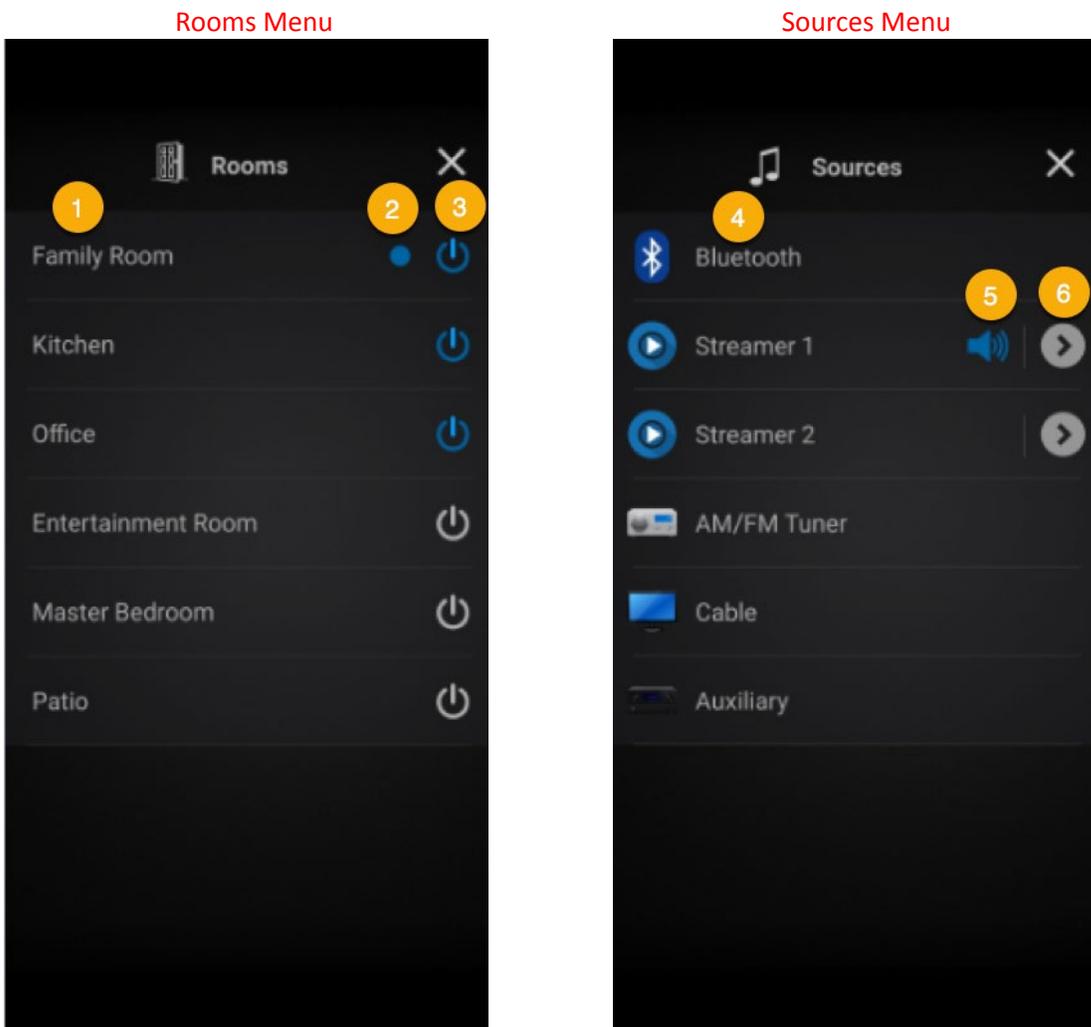


1. **Power button:** Turns the selected zone on or off.
2. **Rooms menu:** Expands the full zone list overview, for selection of specific zones.
3. **Settings:** Opens the settings menu for making settings changes for this zone and other global settings.
4. **Data feed and control options:** Shows specific information about the currently selected source. i.e. album art, the station playing etc. It will also display contextual control options depending on what source is selected i.e. play/pause, skip track, repeat and shuffle.

5. Volume control: Sliding volume control for this zone (can be changed to pushbutton in settings).
6. Mute/unmute: Mute or unmute audio in this zone only.
7. Sources menu: Expands the full sources overview, for selection of specific sources in this zone.
8. Favorites: Favorites menu for saving or recalling favorites.

System Control (MCA) – Rooms (Zones) and Sources Menus

The zones and sources menus are selectable at any time. The “Rooms Menu” will give you an overview of what zones you have available to control and their current power state (on/off). You will also see which zone you have selected as your current zone for control. The “Sources Menu” is available after you select a zone. Similar to the Rooms Menu, the Sources Menu shows you an overview of what sources you have available to choose for the zone you are controlling. A speaker icon represents the current source you have selected. An arrow icon allows you to instantly enter that source’s menu (accessing a streamer menu to browse the service for example).



Rooms Menu

1. Room names: Shows each room/zone by name, the displayed order can be set for alphabetical or numeric. The displayed order can be changed via the settings menu. Numeric list order is set by default and coincides with the MCA zones 1-48. Fewer zones may be visible if zones are disabled in programming.
2. Current selection: The blue dot indicates which zone you have currently selected for control.
3. Power buttons: Turns the zone on/off.

Sources Menu

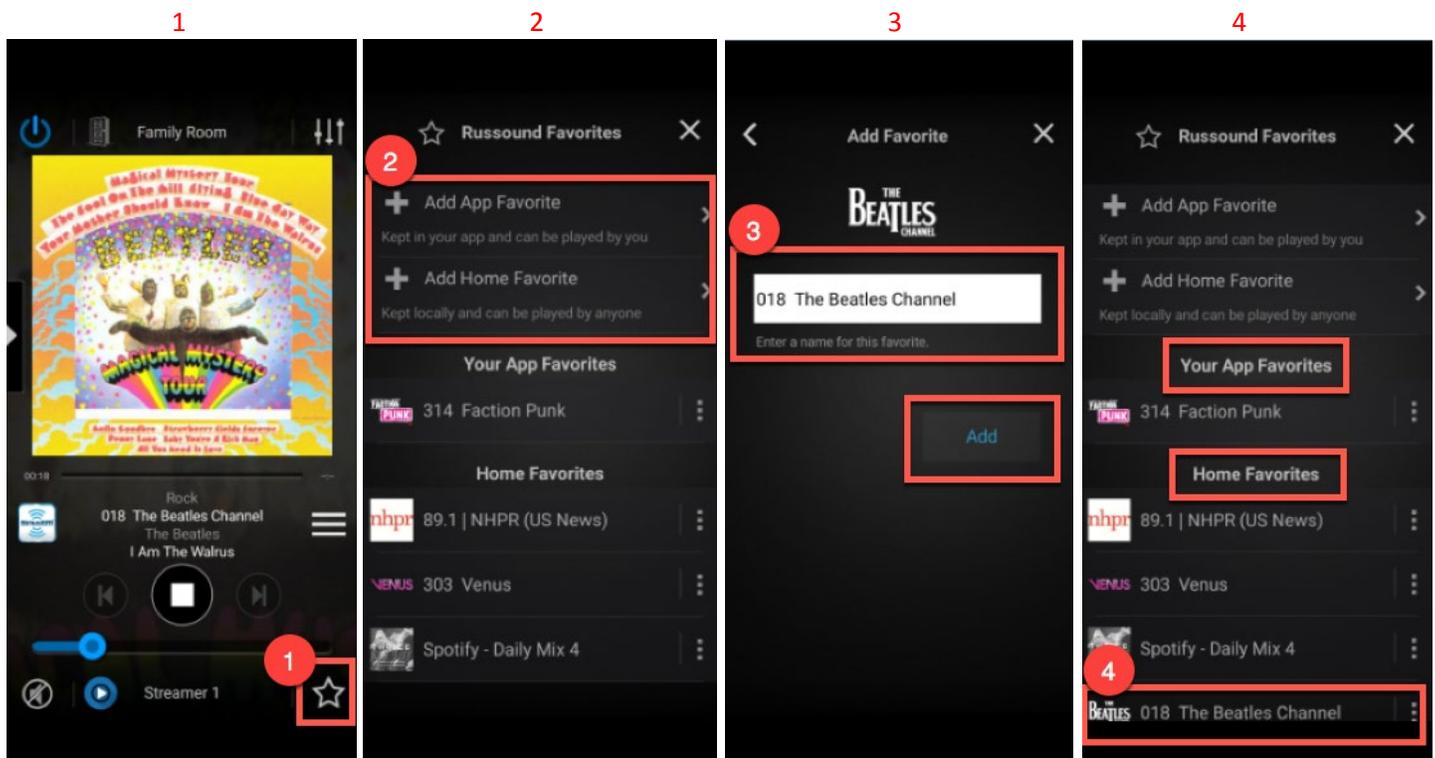
4. **Source names:** Shows each source by name. This coincides with the MCA sources 1-6 (on the MCA-66) and 1-8 (on the MCA-88). Fewer sources may be visible if sources are disabled in programming. Names are configured by your installer.
5. **Speaker icon:** The speaker icon indicates which source you currently have selected for this zone.
6. **Quick navigation:** This navigation icon allows you to not only select the source to playback in this zone, but also to instantly enter the menu options for the source. This feature is only available on Russound streamers.

System Control (MCA) – Creating a Favorite

Creating a favorite is easy and is a great way to personalize your audio system. Favorites enable you to easily recall all of your favorite playlists, stations and sources without having to jump through menus to select a specific music selection every time you want to listen to some tunes.

To begin, you will need to first select and play the desired source/station. In the example below we have already taken the steps for this and have currently selected the station “018 – The Beatles Channel” on SiriusXM on our streaming source. We are now going to save this specific station as a Home Favorite within MyRussound. This will allow us to recall this station in any zone without having to re-navigate the menus for source selection or the menus within SiriusXM on our streamer.

1. Tap the Favorites icon in the bottom right corner (the star icon).
2. Select Add App Favorite or Add Home Favorite.
3. Edit the name (if desired) and select Add to save this as a favorite.
4. Done! You can now recall this favorite in any zone you have selected with MyRussound. The favorite will appear in your Russound Favorites listing under either Your App Favorites or Home Favorites depending on how you saved it.



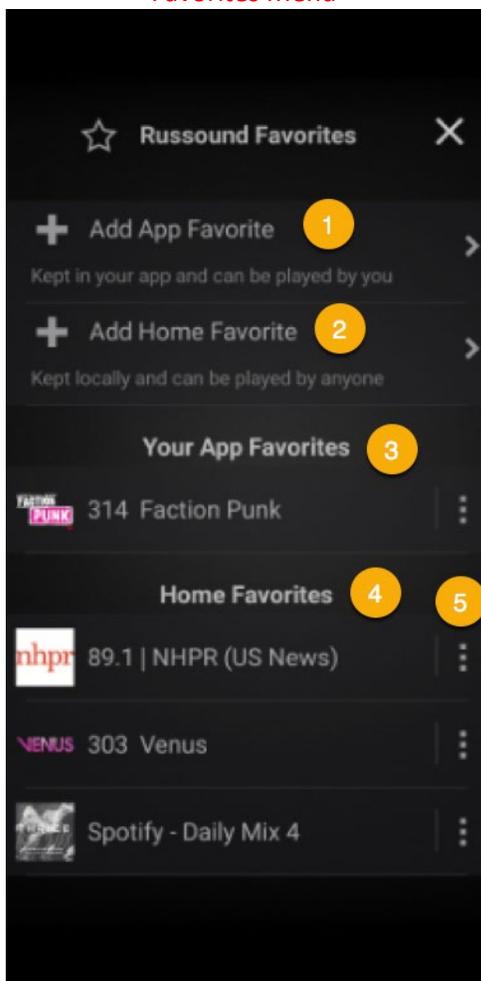
System Control (MCA) – Favorites Menu

There are two types of favorites that you can create within MyRussound, **App Favorites** and **Home Favorites**.

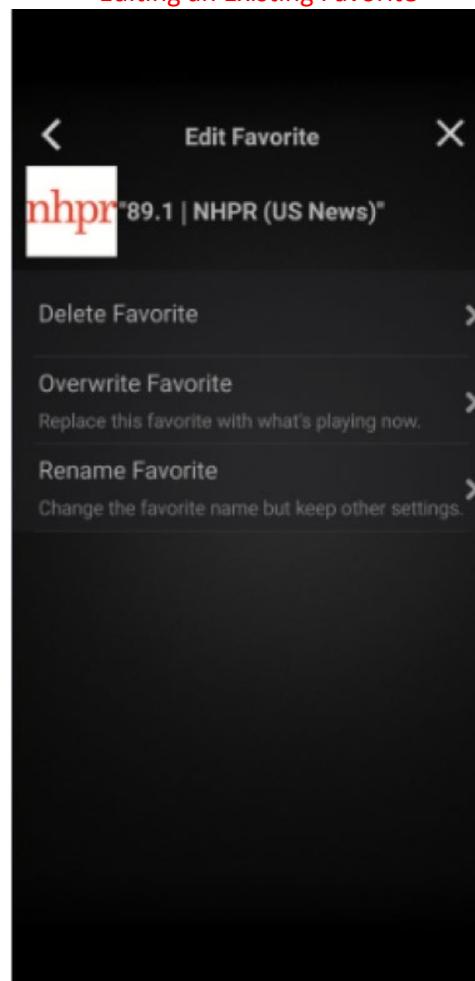
App Favorites are stored locally on your smartphone/tablet. This allows you to bring your favorites with you and play them back on any MBX-Series product that is on the same network with your phone/tablet. If you have multiple locations with Russound products like at your home and at your office, you can easily recall these favorites on each system when you arrive.

Home Favorites are stored on the actual Russound device. They are not transferable to other Russound products at different locations like App Favorites are. Also, unlike app favorites, these will not be lost if you uninstall the mobile app or perform a “clear cache & data”. They will only be lost if you manually delete them or if the Russound system is reset to its default factory settings which erases all configuration information.

Favorites Menu



Editing an Existing Favorite



1. Add App Favorite: This saves the current source selection as an “App Favorite”.
2. Add Home Favorite: This saves the current source selection as a “Home Favorite”.
3. Your App Favorites: This displays all of your current app favorites.
4. Home Favorites: This displays all of your current home favorites.
5. Edit Favorite: This allows you to modify existing favorites. You can delete a favorite, overwrite a favorite and rename a favorite.

System Control (MCA) – Settings Menu

The settings menu is available when you have a zone selected and are in that zone's menu. These Settings offer a variety of options that will modify audio for the specific zone you have selected. You also have the ability to select multi-zone options such as enabling Party Mode, which will group all of your MCA zones into a large group to play the same audio source simultaneously, saving you the work of having to independently select each zone to play a common source. All on/off is also available to quickly turn all of your zones either on or off.



1. **Audio Settings:** This section includes all settings related to audio for the current zone you have selected for control. It includes **Equal-Loudness Contour**, **Bass**, **Treble**, **Balance**, **Turn-on Volume** and **Slide Volume** toggle.
2. **Multi-Room Options:** This section includes all of your options that relate to multi-zone usage such as **Party Mode**, **Do Not Disturb**, **All Rooms On/Off** and **Zone Sort Order**.

3. **General:** This sections includes all general settings of MyRussound including changing language settings, enable/disable the app launcher and view information about MyRussound (such as the current firmware version).

System Control (MCA) – Party Mode

Party Mode is a great feature of the MCA. It allows you to easily group all zones (except for those with Do Not Disturb selected) into a large group that is playing the same audio source. Party Mode also features a Party Master option when selected, which allows you to designate the zone you start Party Mode in as the sole commander of what is playing throughout the party group. Party Master is useful if you want to use your MCA to serve up a source of audio across all zones, but do not want anyone to be able to modify what is playing unless they operate the control in the original zone. This makes it so you can fire up your desired music and not have to worry about anyone accidentally (or purposefully) changing what you have playing in your Party Mode.

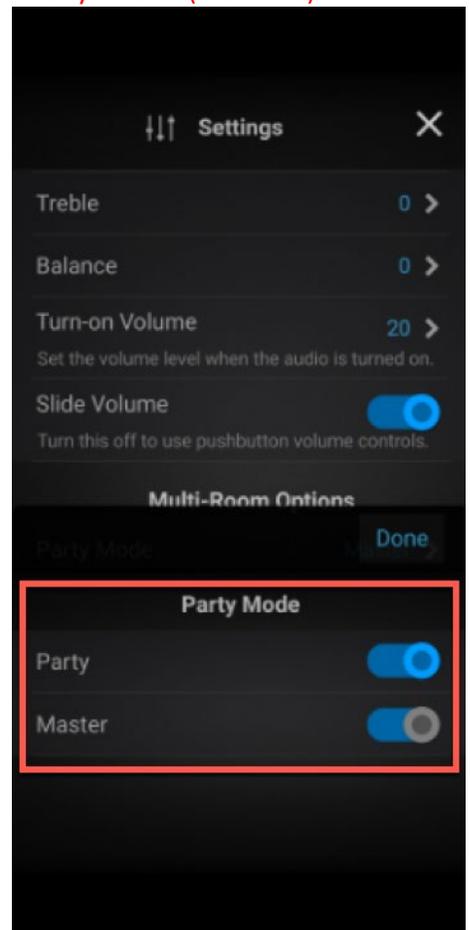
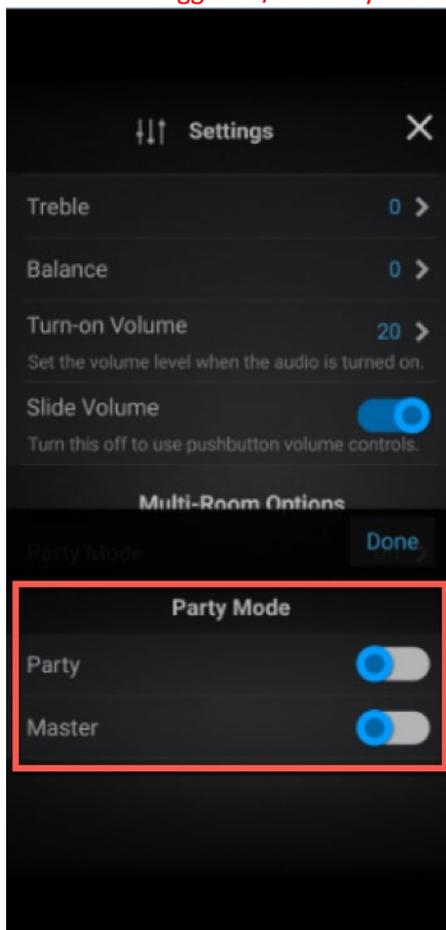
In the below example we have a source already playing and we have now selected the settings menu for the zone we are in. We can now tap the Party Mode option to bring up the Party Mode screen and are presented with the ability to enable Party Mode and Party Master if we wish to make this zone the leader of the party.

When you are done using Party Mode, re-enter the settings menu and toggle Party Mode off. If you previously selected a Party Master, you must disable Party Mode within that specific zone to disband the party.

Tap Party Mode



Toggle on/off Party Mode & Party Master (if desired)



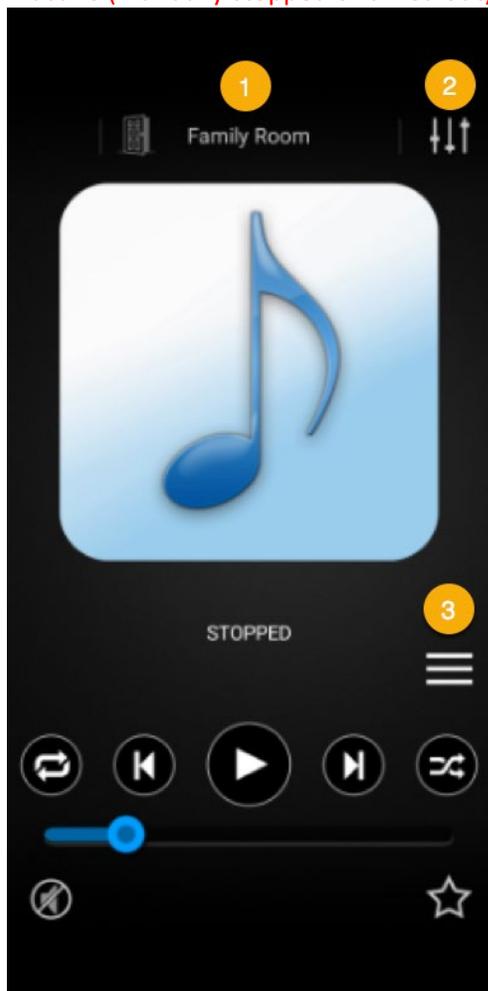
MBX with MyRussound

This section covers using MyRussound specifically with MBX-Series products such as MBX-AMP and MBX-PRE (when setup for “zone mode”). These are our new generation streamers which offer versatility to both the installer and the user. They are Wi-Fi capable streamers that operate as their own independent zones of audio but with the flexibility to be grouped up with other MBX products to create a seamless whole house audio solution. The MBX-Series feature a host of built-in streaming services but also features other capabilities such as Chromecast, Apple Airplay, Bluetooth and the ability to directly wire both an analog and digital input to the back of the product.

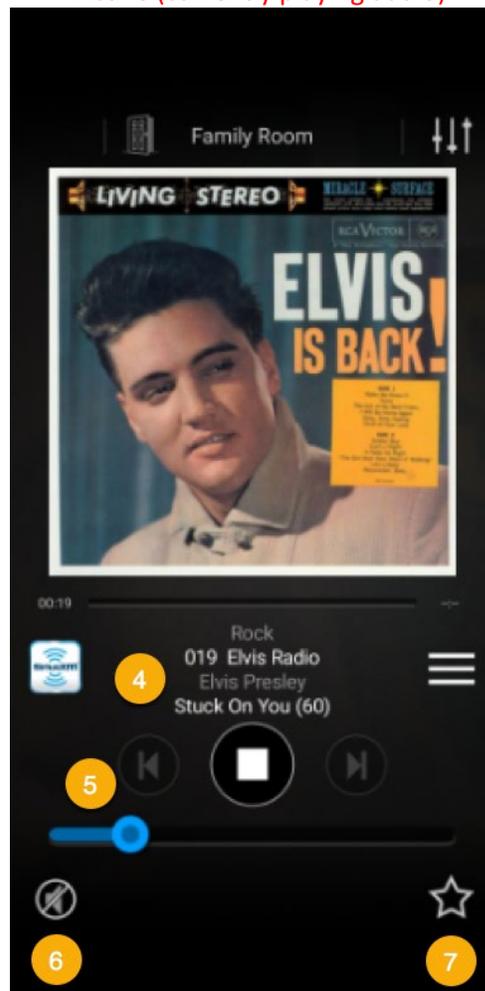
System Control (MBX) – General Overview

The main screen you will be brought to when you first connect to MyRussound will be one of the MBX zones (typically named after the zone of audio it is configured for by the installer). These devices will enter standby mode after 10 minutes of inactivity (by default) but will always be ready for action. In standby mode, the MBX will conserve energy and will wake up the moment you are ready to engage it. There is not an “on/off” state on these products, merely a power conservation mode when left dormant. Below are images of what a zone will look like both in the inactive and active states. From this screen we can access anything we want to do for this zone, or even go directly to view our other zones of audio. When a zone is actively playing a source, you have a few extra options available and also will be able to see information about your current source playing and/or controls for the specific source selected.

Inactive (manually stopped or timed out)



Active (currently playing audio)

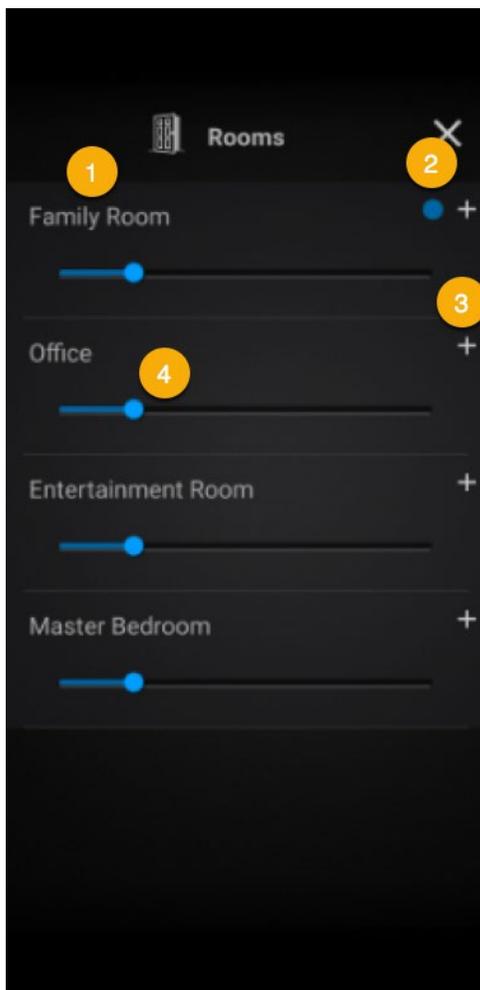


1. Room menu: Expands the full zone list overview.
2. Settings: Opens the settings menu for making settings changes for this zone and other global settings.
3. Sources menu: Expands the full sources overview, for selection of specific sources in this zone.
4. Data feed and control options: Shows specific information about the currently selected source. i.e. album art, the station playing etc. It also displays contextual control options depending on what source is selected i.e. play/pause, skip track, repeat and shuffle.
5. Volume control: Sliding volume control for this zone (can be changed to pushbutton in settings).
6. Mute/unmute: Mute or unmute audio in this zone only.
7. Favorites: Favorites menu for saving or recalling favorites.

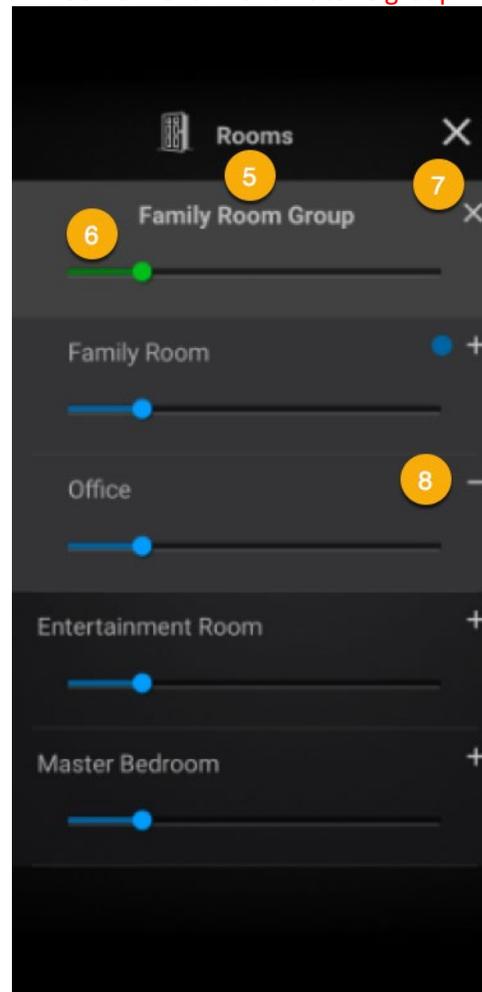
System Control (MBX) – Rooms Menu and Group Menu

The Rooms Menu is selectable at any time. This will give you an overview of what zones you have available to control. You will also see which zone you have selected as your current zone for control. You can individually adjust the volume level for each zone without having to commit to selecting a specific zone. This is also where all of the MBX grouping functions can be taken advantage of. Multiple MBX zones can be grouped together with complete freedom. You can have multiple groups, or one very large group containing all of your MBX zones. You can even have one or two groups while keeping a few MBX in their default, ungrouped state. The two example images below demonstrate what the ungrouped menu looks like, as well as an example of two zones grouped together. When a group has been created, all group members will hear the audio that is actively selected on the host zone. In the below group example “Family Room Group” has been created by the “Family Room” MBX and the “Office” MBX is part of this group enjoying the same audio.

Rooms Menu



Rooms Menu with an active group



Rooms Menu

1. Room names: Shows each zone by name.
2. Current selection: The blue dot indicates which zone you have currently selected for control.
3. Group button: The plus symbol displays to the right of each zone name, and launches a small pop-up window when pressed. This allows you to select any other MBX zones you'd like to join into a group.
4. Volume slider: Volume slider adjustment allowing you to increase/decrease volume for each zone easily from one menu.

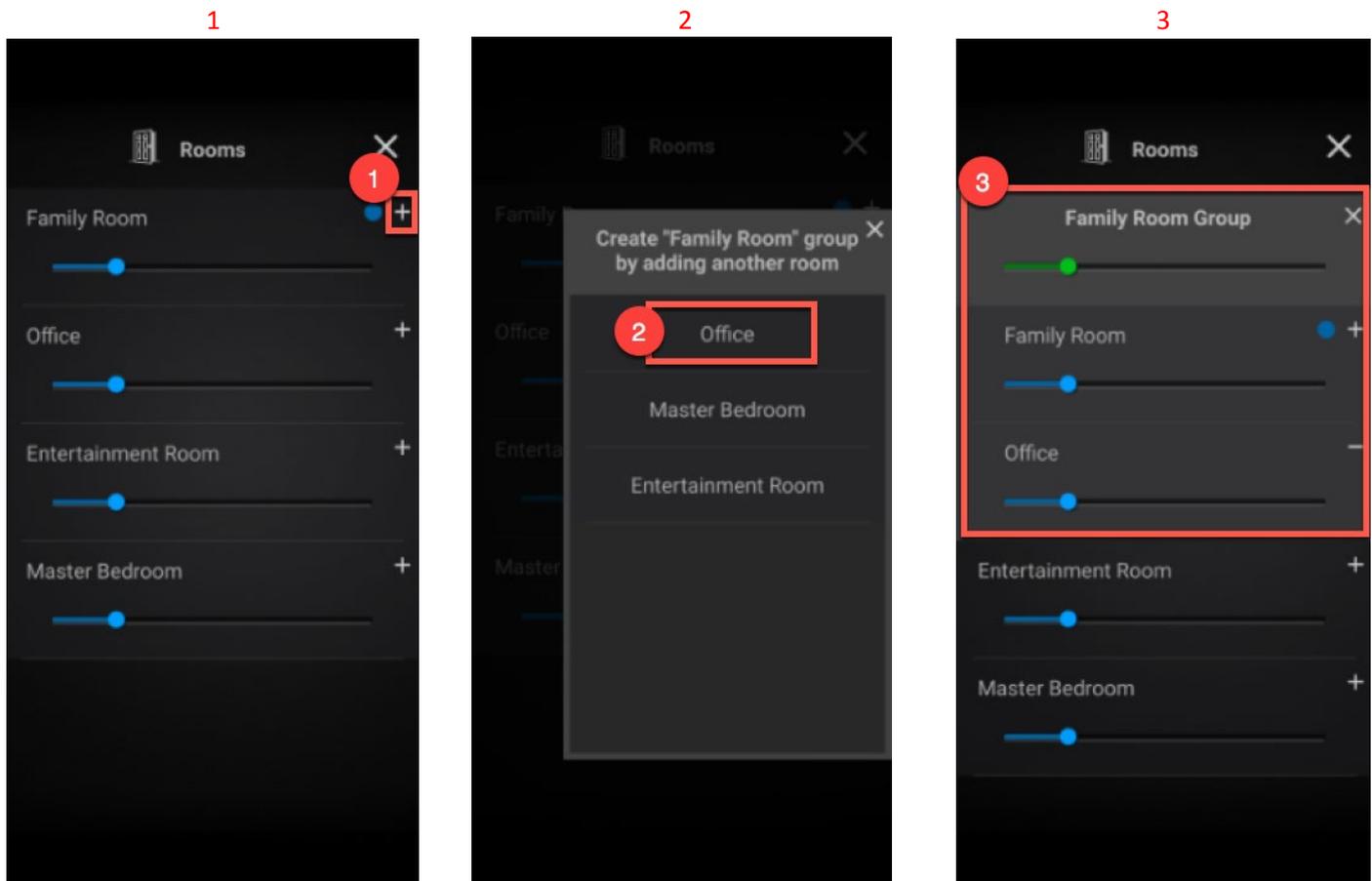
Rooms Menu with an active group

5. Group name: Shows the name of an active group (the name is based on which MBX is the host of the group).
6. Group volume slider: Volume adjustment for the entire group.
7. Disband group button: This will disband the entire group.
8. Remove zone from group button: This will remove just one MBX from the created group.

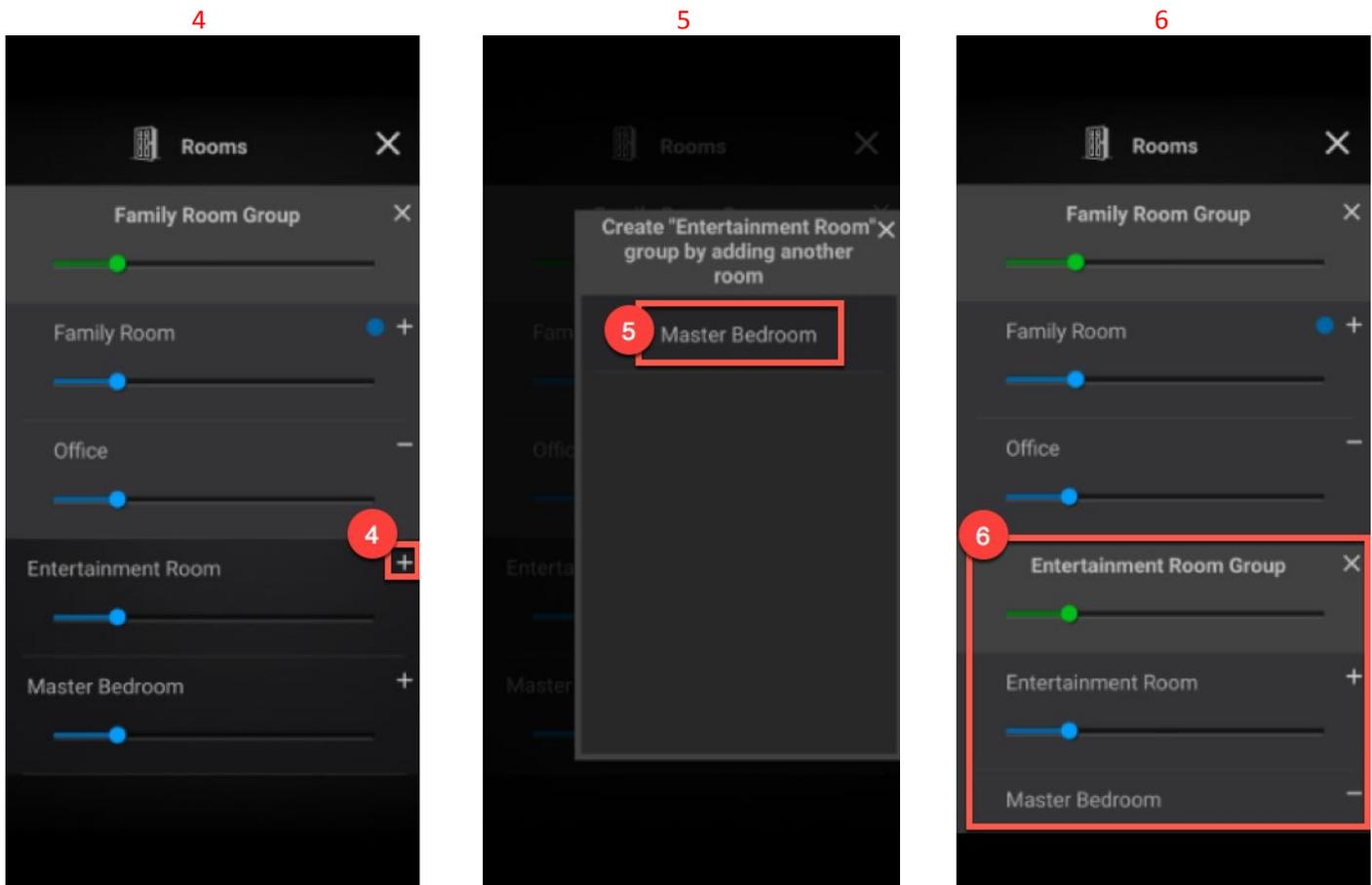
System Control (MBX) – How to Create Groups and More

Creating groups is a breeze in MyRussound. We are going to outline an example for creating two separate groups with our four independent MBX zones. At any time we can disband our group by tapping the X button next to the group name or removing one group member by tapping the – button next to the MBX zone name that is part of a group.

1. Tap the + icon next to the zone you wish to be the host for a group.
2. A pop-up menu will appear allowing you to choose a zone to add. Select a zone, we've chosen Office.
3. You can now see our group is created with Family Room as the host and Office as a member. Group volume control is available, as well as the ability to control volume per zone.



4. We are now going to create a second group. This time we are going to use the Entertainment Room as the host. We will start by tapping the + icon next to the Entertainment Room.
5. Once again we see a pop-up menu appear. Right now it only shows us one other zone to add to the new group, this is because our other two zones are currently still joined into an active group together.
6. Now we have two different groups created. We still have our Family Room group, but now we also have the Entertainment Room group. We can adjust group volume in each group, or individual volume for each of the group members.



The ability to group MBX zones together on the fly, in any number of configurations makes it very easy to share audio across your zones. There are some limitations, however. Sharing content this way is limited to the following embedded services and features:

- UPnP (network based DLNA NAS drives)
- USB
- Bluetooth
- Tuneln
- SiriusXM
- vTuner
- Airable Radio
- TIDAL
- Deezer
- Napster
- Analog Input
- Digital Input

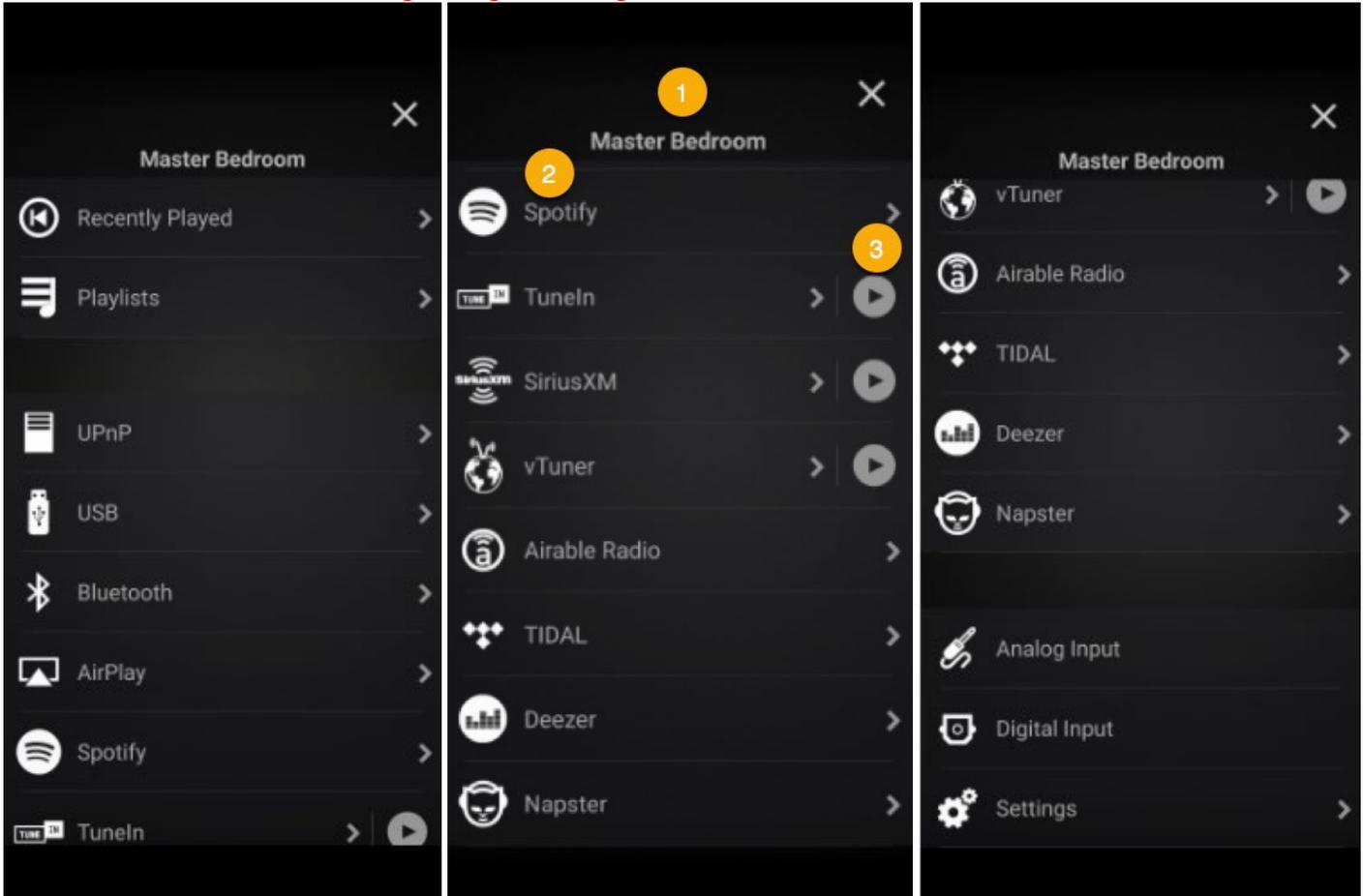
Sharing content via MyRussound grouping is **NOT** currently available with these services and features:

- **Airplay**
- **Spotify Connect** (you can use Chromecast grouping for making a group to play Spotify content)
- **Chromecast** (though you can't group this within MyRussound, Chromecast has its own group cast feature that is covered in this document under the Chromecast section - this method can also allow you to cast audio to multiple MBX zones with services like Spotify via Chromecast and Apple Music via Chromecast on Android)

System Control (MBX) – Sources Menu

The sources menu for MBX is where you will find and be able to select all of the built-in features and services for audio playback on your MBX. This includes the selection of all streaming services that are currently available on MBX, wireless options (Bluetooth, Airplay and UPnP) and hardwired options (USB, Analog and Digital inputs). Recently played and Playlists are also available on this menu.

Left to right images showing the scrolled full list of source choices



1. Zone name: Shows the name of the zone you have selected.
2. List of sources: The name for each service/feature. Tap a name to select the service/feature for playback.
3. Quick selection: The play symbol contained within a circle, when tapped, will let you quickly recall the last-played item on a service if it was recently used and still available.

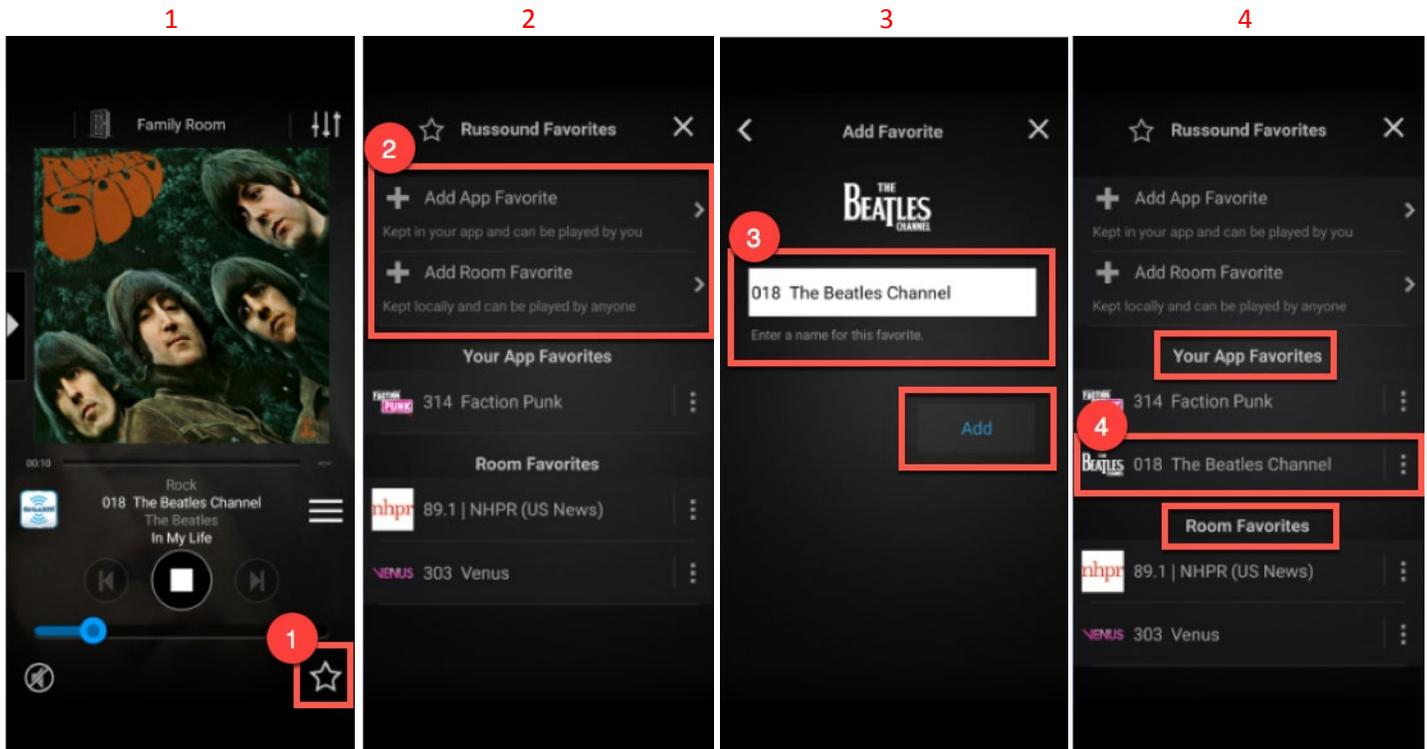
System Control (MBX) – Creating a Favorite

Creating a favorite is easy and is a great way to personalize your audio system. Favorites enable you to easily recall all of your favorite playlists, stations and sources without having to jump through menus to select a specific music selection every time you want to listen to some tunes.

To begin, you will need to first select and play the desired source/station. In the example below we have already taken the steps for this and have currently selected the station "018 – The Beatles Channel" on SiriusXM in our Family Room. We are now going to save this specific station as an App Favorite within MyRussound. This will allow us to recall this

station in any zone without having to re-navigate the menus for source selection or the menus within SiriusXM. If we were to save this as a Room Favorite instead, it would only be stored and selectable for the Family Room.

1. Tap the Favorites icon in the bottom right corner (the star icon).
2. Select Add App Favorite or Add Room Favorite.
3. Edit the name (if desired) and select Add to save this as a favorite.
4. Done! You can now recall this favorite in any zone you have selected with MyRussound. The favorite will appear in your Russound Favorites listing under either Your App Favorites or Room Favorites depending on how you saved it.



System Control (MBX) – Favorites Menu

There are two types of favorites that you can create within MyRussound, **App Favorites** and **Room Favorites**.

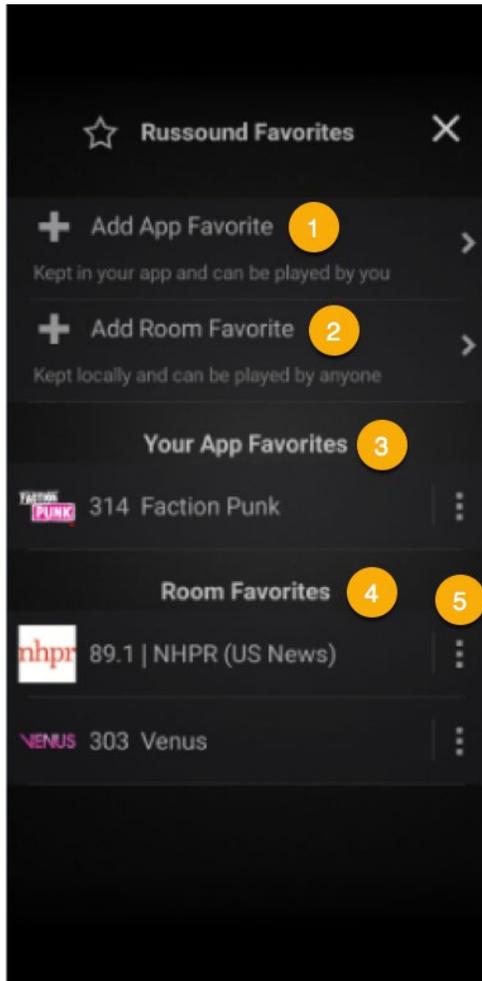
App Favorites are stored locally on your smartphone/tablet within the cached app data on your device. This allows you to bring your favorites with you. If you have multiple locations with Russound products, you can easily recall these favorites on the system when you arrive. This type of favorite plays a larger part in making your audio experience seamless with MBX systems. App Favorites can be recalled on any MBX zones. This allows you and other users of the system to have their own personalized favorites on their own smart devices.

Room Favorites are stored on each specific MBX. They are not transferable to other MBX zones like App Favorites. Also, unlike app favorites, these will not be lost if you uninstall the mobile app or perform a “clear cache & data”. They will only be lost if you manually delete them or if the MBX is reset to factory default settings. Room favorites are a great choice to use when you want to have specific favorites for specific zones.

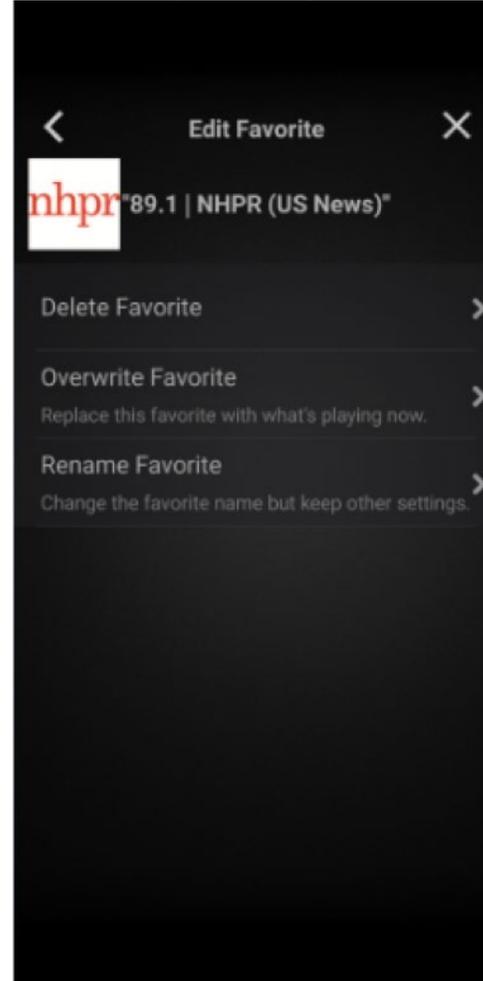
The choice of which type of favorites you create is entirely up to you. It adds a personal touch to your desired audio experience and there is no right or wrong way to use these. Play around with both kinds of favorites and see which suits your needs better. A mix of both kinds of favorites is generally going to offer a lot of flexibility and ease of use. You may

find that you or other users of the audio system prefer to only listen to music in specific zones. Creating a Room Favorite for the preferred stations in that one specific zone is going to be a good option for this. You may also have situations where you want to listen to your new favorite Spotify playlist, but you find yourself moving throughout the home/business to different areas frequently and want your playlist to come with you. Creating an App Favorite is the perfect solution for this. For an installer who is setting up MBX products for many different customers, using App Favorites they already have stored on their smartphone/tablet will allow them to easily fire up a station to demo and test the completed system.

Favorites menu



Editing an existing favorite

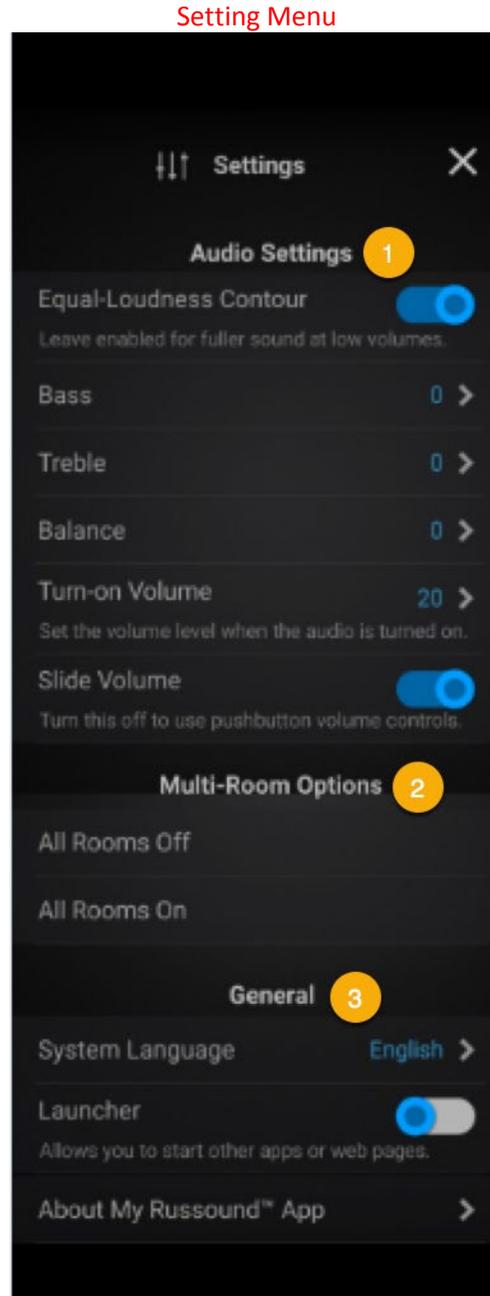


1. Add App Favorite: This saves the current source selection as an “App Favorite”.
2. Add Room Favorite: This saves the current source selection as a “Room Favorite”.
3. Your App Favorites: This displays all of your current app favorites.
4. Room Favorites: This displays all of your current room favorites.
5. Edit Favorite: This allows you to modify existing favorites. You can delete a favorite, overwrite a favorite and rename a favorite.

System Control (MBX) – Settings Menu

The settings menu is available when you have a zone selected and are in that zone’s menu. Settings offers a variety of options that will modify audio for the specific zone you have selected. The option for global control is available here as well. The “All Rooms On” and “All Rooms Off” option allows you to send a global command to all MBX devices for a play/stop state. This does not physically power the MBX off, it simply commands the MBX to cease audio playback. After

an extended period of no audio playback the MBX will enter power saver mode. This feature is useful when you are done enjoying audio in all zones or you want to temporarily stop audio across all zones.



1. Audio Settings: This section includes all settings related to audio for the current zone you have selected for control. It includes **Equal-Loudness Contour**, **Bass**, **Treble**, **Balance**, **Turn-on Volume** and **Slide Volume** toggle.
2. Multi-Room Options: This section the global command for **All Rooms On/Off**.
3. General: This sections includes all general settings of MyRussound including changing laanguage settings, enable/disable the app launcher and view information about MyRussound (such as current firmware version).

Using a Russound Streamer

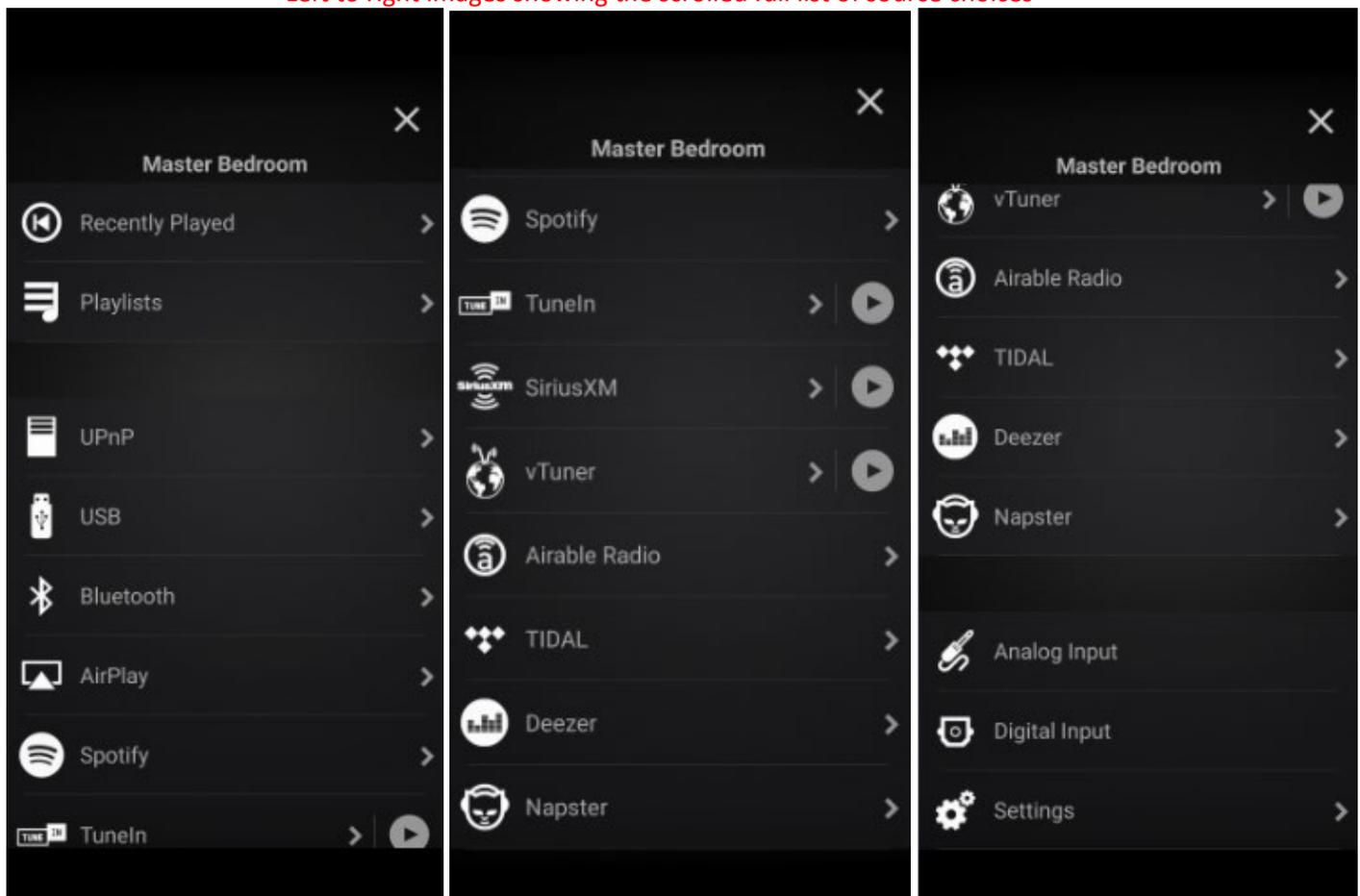
This section covers using MyRussound to operate and control Russound streaming devices. More specifically, it covers using our current generation of MBX streaming products. This is applicable to both MCA-66/88 using one or more

MBX-PRE (source mode), and also to MBX-AMP and MBX-PRE (zone mode) systems. The operation of XStream Series products both within MCA-Series, C-Series and standalone operation has some overlap and will operate almost the same, but all examples and services discussed relate to our current generation of products only.

Using a Russound Streamer – General Overview

The Russound MBX streamer offers a variety of streaming services, features and wireless capabilities to make enjoying your preferred music choice too easy to pass up. There really is something for everyone here, and if you find your preferred music service is not directly built-in you have the option of Bluetooth, AirPlay, Chromecast, USB and both an Analog and Digital input to get exactly what you want playing through this product. Most services and their available menu options within the MBX are easy to understand and navigate if you're familiar with the service outside of MyRussound. It doesn't hurt to play around with these though, so try out a few you've never heard of and you may just find a few new favorites! For a more robust overview of specific streaming services and how they work you can check out our other tech tip guides and videos or check directly with the streaming provider for helpful tips and guides. Here is a full list of the music sources, services and inputs you can take advantage of within the MBX as well as a brief description of each.

Left to right images showing the scrolled full list of source choices



- **Recently Played:** Recently Played allows you to easily jump right back into your most recent audio selections you have made.
- **Playlists:** Playlists allows you to create and manage playlists you have created when taking advantage of local content on a USB or uPnP option.

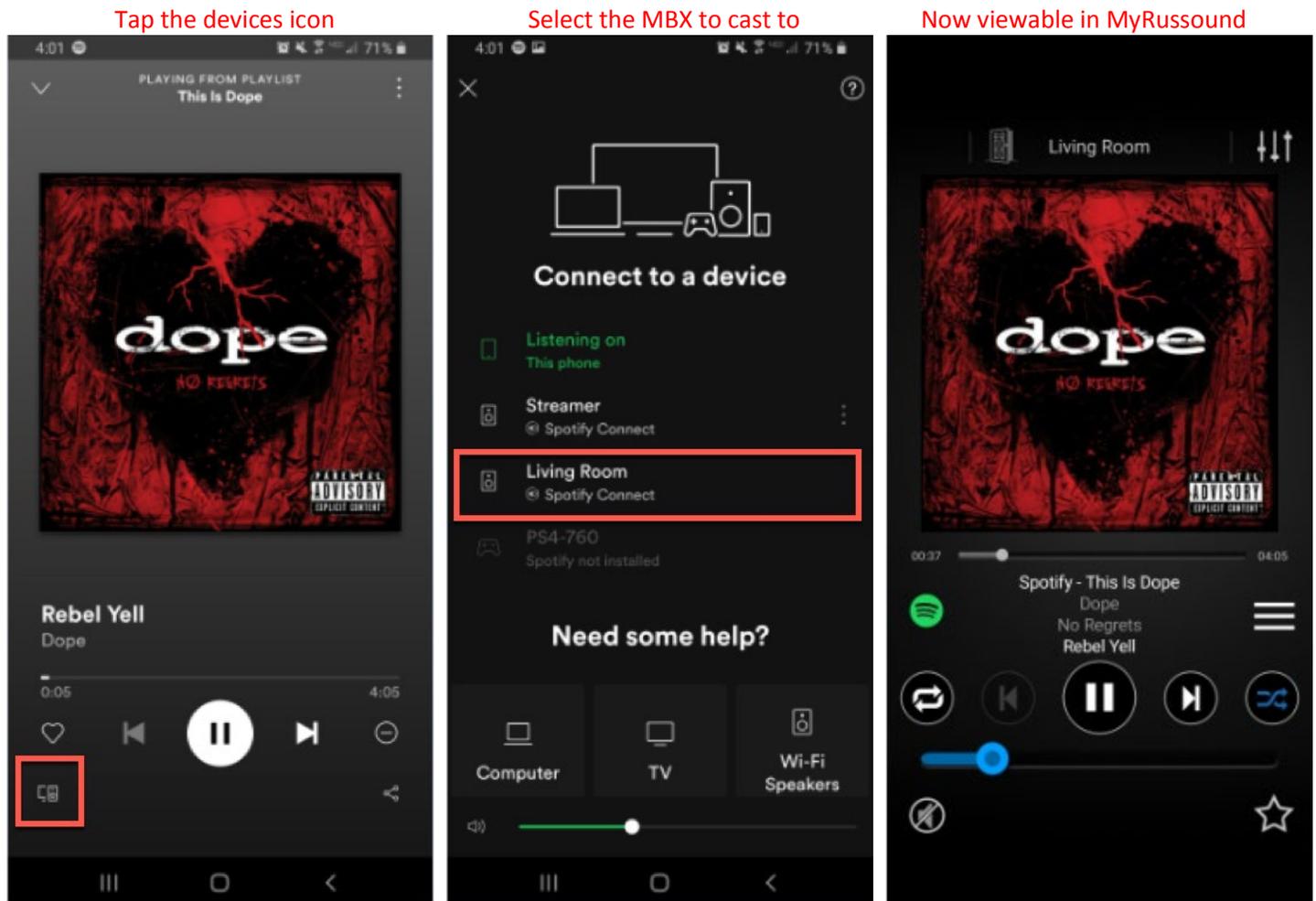
- **UPnP:** Short for “Universal Plug and Play” is a set of network protocols that allows you to communicate with network based devices. This is primarily used to pull audio over the network when you configure and use a DNLA network based drive.
- **USB:** Using a flash drive or even an externally powered USB hard drive that you set up for music, you can easily enjoy your files by inserting the drive or USB connection into the rear of the streamer. This option allows you to view all the contents of your drive based on how you have the contents sorted.
- **Bluetooth:** A wireless transmission technology that has existed and seen popularity for a long time despite being limited in range. This allows you to wirelessly connect your Bluetooth capable audio device to the streamer for audio playback.
- **AirPlay:** Another wireless transmission technology but communicates over the LAN so the only range limitation is that of your wireless network coverage. Developed and licensed by Apple, this is only available on iOS devices.
- **Spotify Connect:** Spotify features an enhanced wireless capable means to send audio from your mobile device or desktop software directly to the streamer via Spotify Connect. This requires the music to be initially launched from Spotify and cast to the streamer but once the connection is made it can be stored as a favorite for easy access to playlists you enjoy.
- **TuneIn:** A rock solid audio streaming service that provides live news, radio, sports, music and podcasts.
- **SiriusXM:** A well known audio streaming service in the industry. SiriusXM delivers high quality content with a huge selection of choices. SiriusXM for Business is also part of this, so commercial locations can enjoy legal commercially licensed music as well. Paid subscription required for both consumer and business accounts.
- **vTuner:** Similar to TuneIn, this is another rock solid audio streaming service that provides worldwide streaming options for news, radio, sports, music and more.
- **Airable Radio:** Similar to TuneIn and vTuner, Airable Radio offers a massive selection of radio and music from all over the world with everything you could want.
- **TIDAL:** An excellent choice for streaming music and podcasts that combines lossless audio at high quality. Paid subscription required.
- **Deezer:** A top quality online music streaming service with plenty of content to choose from.
- **Napster:** Previously known as Rhapsody, Napster is a premium streaming service that allows you to listen to the music you want, when you want it. Paid subscription required.
- **Analog Input:** This selection allows you to pull audio in from your local analog device. It makes use of the 3.5mm analog input on the rearside of the streamer.
- **Digital Input:** This selection allows you to pull audio in from your local digital device. It makes use of the optical input on the rearside of the streamer. The streamer also features signal sensing on this input (enabled by default, but can be disabled by the installer) to automatically switch to this input when audio is detected. This feature is primarily used for driving TV audio in 2.1 channel configurations. Accepts stereo PCM signals.
- **Chromecast:** An expansive wireless transmission technology that offers advantages over both Bluetooth and AirPlay when it comes to locally transmitting your favorite audio to the MBX. To use this, you must first setup the MBX within Google Home and then cast to the MBX using a Chromecast audio enabled app such as Pandora Radio or iHeartRadio. This option does not directly appear on the MBX menu list, but the MBX will always accept cast audio from a Chromecast music source on the same network.

Using a Russound Streamer – Spotify Connect

Spotify stands out from the other embedded streaming services in a few ways. To take advantage of all of the features this service offers including saving playlists as favorites, you will need to make use of the Spotify mobile app or Spotify on a computer. The way Spotify works is that you will initially launch the service on your smartphone, tablet or computer and then select the MBX as the device you wish to cast to. The steps to launch this are nearly identical to using AirPlay or Chromecast to send your Spotify audio to the MBX but these two methods will not allow you to save a playlist as a favorite. Spotify is best enjoyed on MBX when you make use of Spotify Connect. The below examples show you the basic steps on how to do this. For more detailed information please refer to Spotify’s online website or view our other tech tip documents and videos.

You can also save the playlist as a Russound favorite after you begin to cast to the MBX. To add the playlist as a favorite you will follow the same steps you would to add any other station or playlist as a favorite. How to add favorites is covered in earlier sections of this user guide for both MCA and MBX specific sections.

When using XTS and XTSPPlus touchscreens, you will be unable to launch directly into Spotify. This is because the XTS and XTSPPlus touchscreens do not allow for an independent Spotify app to exist on them as they are dedicated MyRussound software devices with no external third party apps or software. This does not mean you cannot use Spotify from within your XTS and XTSPPlus touchscreens though. Simply use your smartphone or tablet to save all of your desired playlists to the mobile MyRussound app. Once you have them saved as favorites you can then go through the XTS and XTSPPlus favorites menu to recall them! You can also start Spotify from your phone/tablet with the Spotify app and then use the XTS and XTSPPlus touchscreens to control the music with play/pause, skip forward and back, etc.



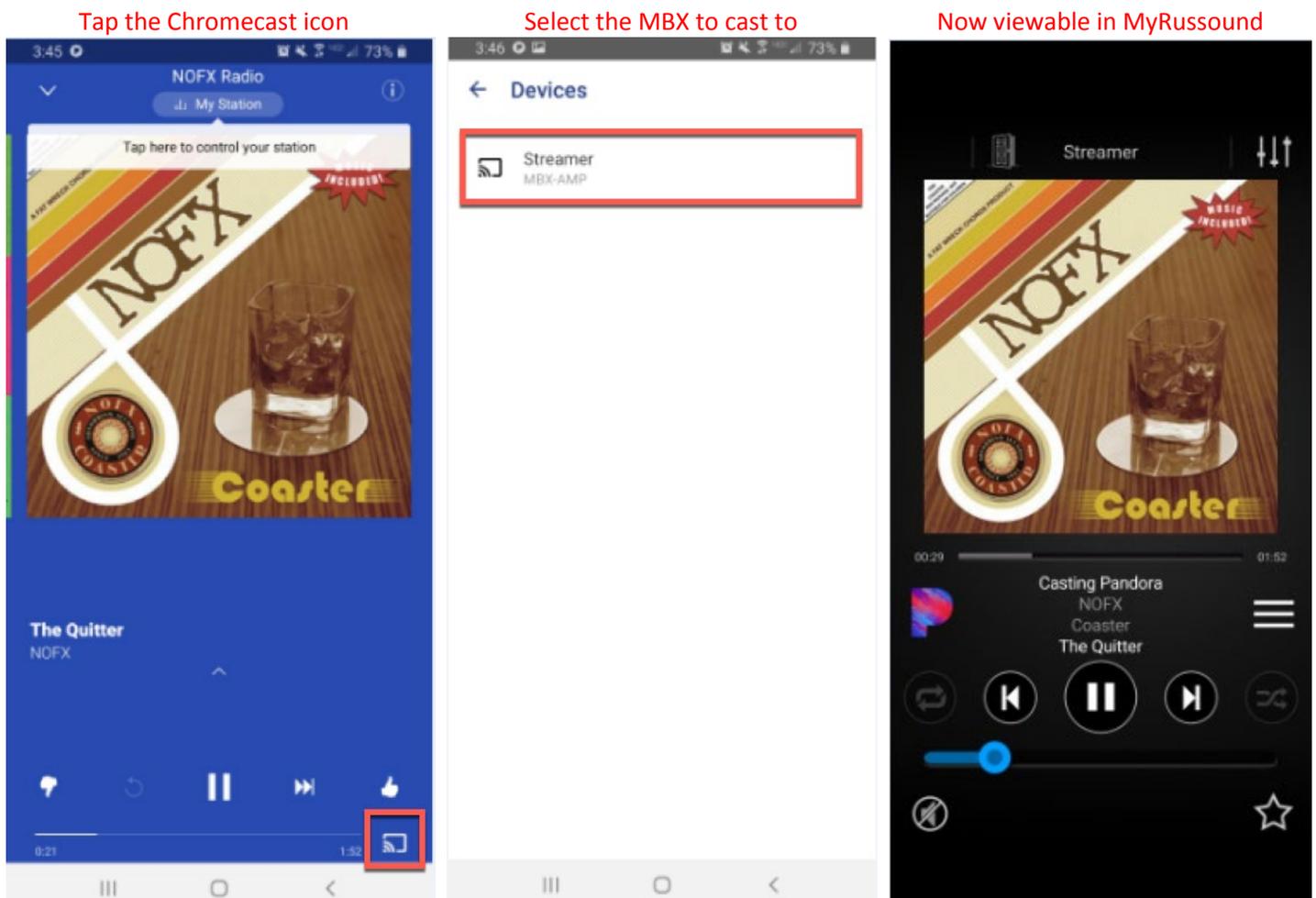
Using a Russound Streamer –Using Chromecast

The inclusion of Chromecast within the MBX is a huge advantage. It allows for a host of great features allowing you to tie in your MBX with other Google devices and more importantly it allows you to cast audio from an expansive and growing list of third party streaming services that partner with Google. Unlike Bluetooth or AirPlay, Chromecast audio does not tie up your smartphone or tablet when in use. A common drawback with Bluetooth or AirPlay is that a simple call, text or even leaving your wireless network will sever the audio cast. Chromecast does not have this same limitation and with the hardware built directly into the MBX, you can essentially “fire and forget” your favorite streaming apps for playback

directly on your MBX. You will not be able to save these services as favorites from with MyRussound however, so keep this in mind.

Chromecast individual devices and groups can be managed directly with the Google Home app on a mobile device. If you are using MBX devices with no MCA you can take advantage of Chromecast groups to cast audio to all of your MBX devices simultaneously or to any individual group, or even set up multiple groups of devices to choose from at any time. This can offer a few workarounds to certain services that otherwise would not allow you to cast to multiple devices simultaneously like Spotify Connect or Apple Music (not including using Airplay2 which is currently not a feature of MBX) to name a few examples. This would not be a factor when using an MCA though, as the MCA seamlessly shares and distributes audio from within its own hardware via an audio matrix.

The below examples show you the basic steps on how to cast audio from a Chromecast-enabled app to an MBX. This assumes that you have taken the required steps to enable Chromecast on your MBX. For more information on how to set up Chromecast or other Chromecast related topics, please refer to Google's Chromecast support page online or consult our other tech tip documents and videos. A list of apps that support Chromecast audio can also be found on Google's Chromecast support pages and the list is ever expanding.



Using a Russound AM/FM Tuner

The current generation Russound ST1 AM/FM Smart Tuner and legacy Russound ST2-XM AM/FM Smart Tuner are both fully usable from within MyRussound when configured for use with an MCA-Series controller amplifier. With the nature of how simple an AM/FM tuner is at heart, there is not a whole lot to know about operating this product

from within MyRussound but the below example and legend will outline how you go about using this old school, yet reliable, source type.

Using a Russound AM/FM Tuner- General Overview

The contextual controls for the Russound ST1 AM/FM tuner will allow you to make all the necessary adjustments to tune to the station you wish to hear. Banks and favorites are available to select from, but must first be configured by a Russound Certified Installer. Options to manually enter a frequency, switch between AM/FM and more are all present. You can even save stations as favorites within MyRussound.

ST1 Tuner when selected as a source



1. Dial pad: This expands the dial pad allowing you to enter a specific frequency and toggle between AM/FM.
2. Seek: The + and – allows you to seek up and down through frequencies.
3. Favorite cycle: This allows you to cycle through available favorites in the currently selected bank.
4. Bank cycle: This allows you to cycle through available banks 1-6.
5. More options: This allows you to view some additional commands that are hidden from the main page such as scan, seek, stop, stereo/mono, local and distant.

Using a Non-Russound Source

Even if you aren't using a Russound designed source of audio, it likely is still usable from within MyRussound. Contextual based controls paired up with the IR control capabilities of an MCA-Series controller amplifier will allow you to control most products on the market provided they work with infrared remote control (IR). Some setup of IR codes and the proper device type selection is required during the setup by a Russound Certified Installer. Not all products offer IR control. A good example of this would be if you elected to use a non-Russound streamer. You would still be able to choose the source to listen to, and adjust volume level from within MyRussound, but you will likely be controlling the non-Russound streamer through the means of the device's own native app instead of using MyRussound.

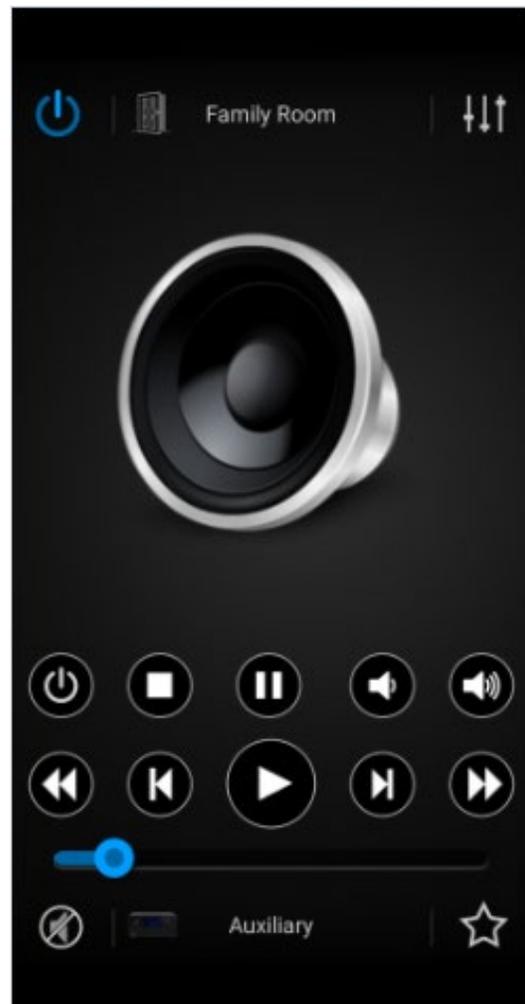
Using a Non-Russound Source – General Overview

Two examples are outlined below. The contextual commands that are displayed within MyRussound are based on the device type configured by the installer during the setup of a MCA-Series controller amplifier. The buttons by default will not offer any type of direct control over the source, but when paired up with the right IR codes to control a product, and using an IR emitter between the MCA and the source's IR receiver area, you will be able to operate your IR based device directly from within MyRussound. A fully mappable IR command system exists within the MCA's programming area allowing the Russound Certified Installer to custom map all or some buttons for appropriate control to the source of audio.

Cablebox/TV controls



Miscellaneous audio controls



MyRussound FAQs and Troubleshooting

This section covers some of the frequently asked questions regarding using MyRussound and also covers a few troubleshooting related topics. If you have a question that is not covered in this section, or are experiencing issues that your Russound Certified Installer cannot resolve for you, please reach out to us and we will be happy to provide you guidance and troubleshooting.

Is MyRussound free to download on my phone/tablet?

Yes! MyRussound does not cost anything to download and is a completely free app for Android/iOS. Updates to MyRussound will always remain free as well.

Can I get MyRussound on a desktop/laptop computer?

No. Not at this time. MyRussound is currently only available on Android/iOS operating systems and our XTS and XTSPlus touchscreens. Some users have elected to download Android emulators on their Windows and run the MyRussound app through this but it is not directly supported by Russound so if there are issues with this it may not be something we can provide guidance for.

Will you ever make MyRussound for desktop/laptop computers?

Maybe! We are always looking for ways to improve our product and increase the user experience. We currently don't have any plans to create a Windows/Mac version of MyRussound but that does not mean the door is closed for future plans.

I can't get the app to work/connect to my system/stay connected, what do I do?

Please reach out to us directly via phone or email. We do our best to implement fixes and improvements to our software to ensure customers enjoy using MyRussound and find it easy to use. In some cases there can be bugs or there can be external factors that impede the performance of MyRussound. We treat each report of MyRussound issues seriously and your feedback helps us improve it. We may be able to help find the reason why you are having difficulties and will certainly want to work with you or your installer to obtain data and offer guidance to get it working properly.

Can I rename my zones/sources in MyRussound?

No, this aspect of programming is done directly through the product you are using. Our products are typically accessed and programmed through "WebConfig", which is accessed via a web browser for most current generation Russound products. Older generation Russound products typically used custom programming software with a Windows PC.

MyRussound is telling me the system is locked, what do I do?

Most of our current generation products ship in a locked state and require a Russound Certified Installer to unlock and set up the system. If you see this message in MyRussound it means the product has not been fully unlocked yet. You will need to contact a Russound Certified Installer to unlock the system, or if you are an installer, reach out to us so we can help you become certified.

MyRussound FAQs and Troubleshooting - Troubleshooting

If you are experiencing issues using MyRussound there are a few things you can do to try and resolve it before reaching out to a Russound Certified Installer or Russound directly. Often times, force closing and re-launching the mobile app can resolve many issues that stem from connectivity or display related bugs. You can also take this one step further by power cycling the Russound system itself. Also, always ensure you have the latest version of MyRussound installed and that your device is connected to the correct Wi-Fi network.

On XTS/XTSPlus touchscreens, you can power cycle these by removing them from the PoE (power over Ethernet) switch or injector that is being used to power them and then re-connecting them so they power on again. This may require assistance from your Russound Certified Installer as the touchscreens will be mounted securely into the wall and the wiring may not be easily accessible depending on where the equipment is located.

Glossary

Casting: Sending audio over a local network without needing wires. This is typically used when sending audio from a phone directly to an audio system. Airplay and Chromecast are examples of this.

MBX: (Music Box) a streaming device produced by Russound that offers a number of streaming services, features and capabilities to provide audio. Two versions of the MBX exist for different needs.

MBX-AMP: An amplified version of the MBX. It is used standalone as a primary device for audio. Each MBX acts as an independent zone of audio and can be grouped with other MBX-AMP and MBX-PRE that are in "Zone Mode".

MBX-PRE: A pre-amplified version of the MBX that does not offer a built-in amplifier. It can be used to provide streaming audio to an MCA-Series controller amplifier when in "Source Mode", but it can also be used standalone when connected to any amplifier when in "Zone Mode".

MCA: (Multiroom Controller Amplifier) A distributed audio system produced by Russound that is installed in a centralized location and serves as both a control system for audio, and amplifier for multiple zones of audio. These allow for multiple independently controlled zones of audio and support multiple audio source inputs that are selectable for playback in any zone.

Russound Certified Installer: An individual or company that is certified to install, setup/program and troubleshoot specific Russound products.

Source: A device where audio is obtained. This is used to describe any product that sends audio to an amplifier or audio system. A CD player is a "source of audio" for example because it is where the music is coming from.

Source Mode: A feature of MBX-PRE and certain XStream products. This mode allows the product to seamlessly be installed as a source of audio on an MCA product.

Streamer: An audio device that provides content from online service providers. This is widely used to refer to any products that stream audio over the internet to your device.

Tuner: An audio source that provides content from AM/FM radio frequencies. These types of products do not require an internet connection and rely on locally broadcast radio for the source of audio.

XStream: A previous generation streaming product lineup produced by Russound. XStream Series products include XZone70v, XZone4, XSource, MCA-88X and the X5.

XTS/XTSPlus: A product series of full color, wall-mounted touchscreens that utilize the MyRussound software to control a variety of Russound products.

Zone: An area of audio. Commonly referred to as a room, but the two are interchangeable when referring to “single area of audio control” both large and small.

Zone Mode: A feature of many Russound streamers which allow the product to function as a standalone device without the need for an MCA product. In this mode, the product is an independent zone of audio. Streamers that have their own built-in amplifier are only usable in this mode.