Russound

Product Manual



IPK-1

Single-Gang IP Keypad

Thank you for your purchase of the IPK-1 keypad.

The IPK-1 is designed to provide easy access and convenient control to a room or zone using any of the following Russound audio systems:

MCA-66 ***MBX-PRE***
MCA-88 ***MBX-AMP***

The IPK-1 uses a wired ethernet connection to connect to the same network as your Russound audio system. It is POE powered so a single ethernet cable is the only connection that needs to be made to the IPK-1.

Configuration is simple and the only step needed is to associate or "pair" the IPK-1 with the room or zone that it will be controlling. This is done through Russound's WebConfig configuration tool on your Russound audio device.

Once paired, the buttons on the IPK-1 will control the most commonly needed audio commands as well as give you immediate access to volume control.

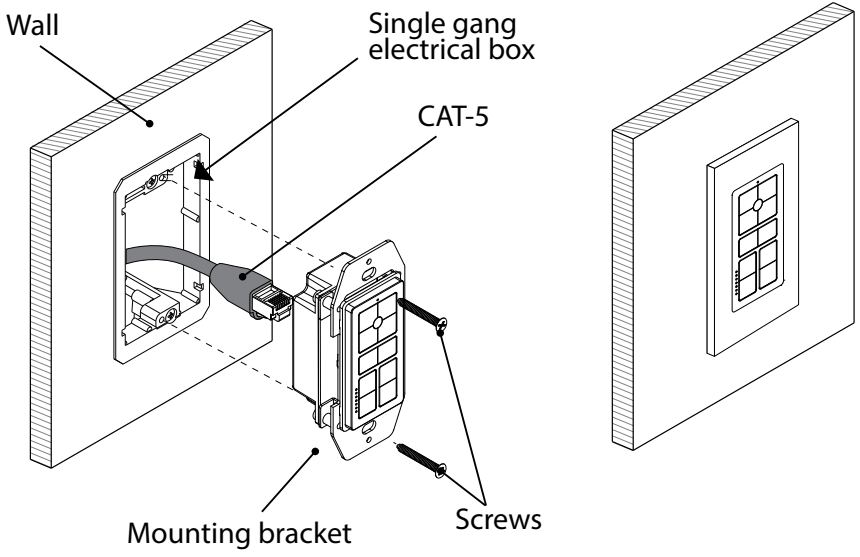
While the Russound audio systems can be controlled by app, many users prefer having a dedicated keypad that is always available without having to pull out their phone, navigate to the Russound app, and then navigate to the room they want to control.

The IPK-1 is designed to intuitively control your system without interfering with your lifestyle. For example, the volume LEDs only illuminate when the volume is adjusted. The status LED is designed to turn off when your audio system is not in use so that the LED will never light up a dark bedroom at night.

Installation

1) Insert the CAT5 POE cable that is connected to the same network as your Russound system into the rear of the IPK-1. The IPK-1 will power on and automatically look for and install any available firmware updates. When ready for configuration, the status LED will blink green slowly.

2) Using the supplied screws, attach the IPK-1 securely to the wall box or P-ring. Attach the appropriate Decora® wall-plate to the front of the IPK-1. The wall-plate is NOT included and must be purchased separately.



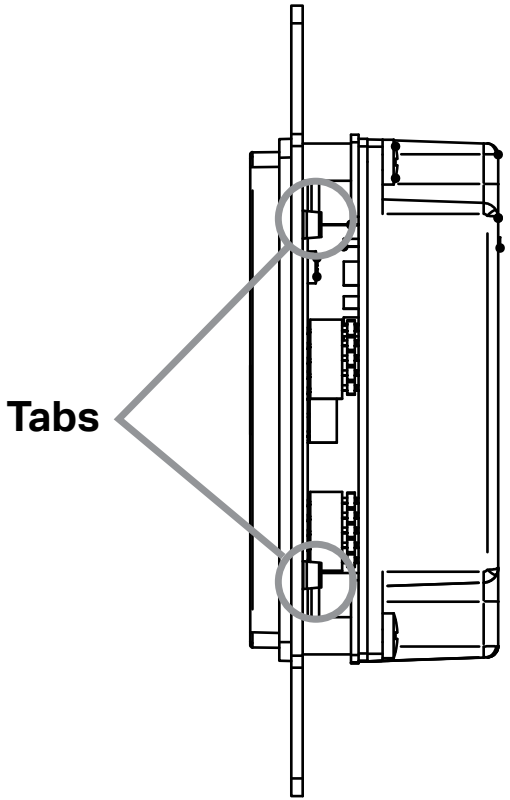
3) Pair your IPK-1 with the appropriate Russound audio zone that it will be controlling. Pairing is initiated from the Russound audio product's Web Config configuration hosted webpage. To pair an IPK-1 in the Kitchen with the Kitchen zone of your Russound audio system, go to the Kitchen's Zone Setup section of Web Config, then go to the Keypad Pairing section and select "Start". On MCA-Series devices, go to the Zone Setup section and then select "Edit" to get to the Pairing option.

   This will send a signal to all connected IPK-1 keypads on the network to enter their Pairing Mode. Go to the IPK-1 in the Kitchen and press and hold Favorite 1 and Favorite 2 simultaneously for 60 seconds or until the status LED blinks once. The Kitchen's IPK-1 is now paired with the Kitchen Zone of your Russound system and is ready for use.



Color Change

The IPK-1 comes with both white and black buttons and decora inserts. To change the color, start with the IPK-1 removed from the wall and using a small, flat screwdriver, gently press any of the four locking tabs inward until the Decora insert cover can be removed. Separate the rubber button insert from the button panel and insert it into the new color button panel. Insert the new button panel with the rubber pad onto the IPK-1 until the four locking tabs snap into place.





Room Favorite Buttons
Press to play a pre-stored Zone Favorite. Press and hold to store the currently playing selection as a Favorite. These Favorites are room-based. Each room of your system has a separate set of Favorites.



Skip Back*
Press once to return to the beginning of the currently playing track.

Press twice quickly to play the previously playing track.



Skip Forward*
Press to skip to the next track.



Button Layout



Volume Up/Down*
Press to adjust the volume in small increments.
Press and hold to ramp the volume quickly up or down.

The volume LEDs will turn on briefly to show the current volume level.



Play/Pause*
Press to toggle between Play/Pause. Use this button to quickly stop the music and again to resume it.

Power



MCA-Series Zones
Press to toggle the Zone On or Off – If a source is actively playing and selected for the zone, it begins playing immediately when the zone is turned on. To start your favorite music playing, press a pre-stored Favorite button and it will automatically turn the zone on and select and start the appropriate source.

Press and Hold to send an "All Off" command to turn off all compatible Russound devices.

MBX-Series
Press to stop the currently playing music.
Press and Hold to send an "All Off" command to turn off all compatible Russound devices.

Status LED

The status LED will indicate the current status of the configured audio zone.

MCA-Series Zone
When the zone is powered off, the status LED will be OFF

When the zone is powered on, the status LED will be GREEN

MBX-Series Zone
When the zone is powered off, the status LED will be OFF

When the zone is powered on, the status LED will match the status LED of the paired MBX device's status LED.

Other Status LED Conditions

Device Bootup	Solid Yellow
Network Connection Error	Slow Blinking Yellow (once per second)
IPK-1 is not paired with a Russound audio zone	Fast Blinking Yellow (twice per second)
Firmware Update in Process (do not remove power)	Very Fast Blinking Green (four times per second)
IPK-1 is in Pairing Mode	Fast Blinking Green (twice per second)

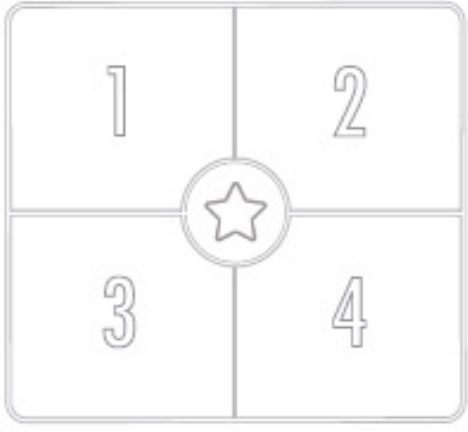
Storing a Favorite:

While playing audio in the room, press and hold the desired Favorite button (1, 2, 3, or 4) briefly seconds until the status LED flashes once in order to store the currently playing selection as a Favorite.

Keep in mind that some content cannot be stored as a Favorite. For example, content that is being cast using Chromecast or AirPlay cannot be stored as a Favorite. If you have any trouble storing and playing a Favorite, we recommend using the Russound app to try to store the same content as a Favorite. If the item cannot be stored, the app can provide additional messaging and information for you.

Playing a Favorite

Press/tap the Favorite button (1, 2, 3, or 4) to start playing the audio content that you have stored for that particular Favorite.



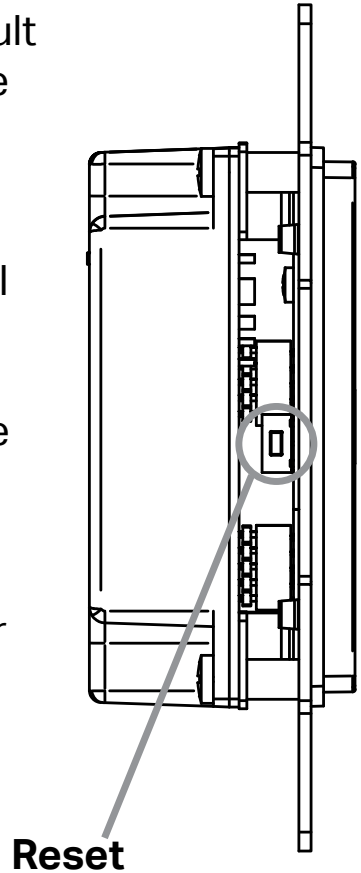
Troubleshooting

If the IPK-1 should ever become unresponsive, a reboot command can be sent to it by pressing and holding the two bottom-most buttons, Volume Down and Power simultaneously for 5 seconds until the status LED flashes once. The IPK-1 will reboot and should begin working normally again. The IPK-1 can also be rebooted by disconnecting the POE power. Many network switches allow this to be done remotely via the switch configuration webpage or control app.

Relocating an IPK-1 to a different room or zone is simple. Using WebConfig on your Russound audio device, re-activate pairing mode and simply re-pair the IPK-1 with its new zone. After the 60-second pairing mode period ends, any un-configured IPK-1 status LEDs will blink green.

Factory Reset

If you wish to restore an IPK-1 to its factory default state, press and hold the recessed factory reset switch located behind the faceplate on the left side for 10 seconds until the status LED flashes once. The factory reset switch is only accessible with the IPK-1 removed from the wall. The IPK-1 must be powered by the POE CAT5 cable in order to be res





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