

Multiroom Controller Amplifier



Key Features and Benefits:

- Four stereo source input selection.
- Four stereo amplifiers for four rooms. 50 watts RMS per room (25 watts per channel per room). Knoll Eco-System™ drive on every amplifier saves energy.
- **Two versions**, one controlled by Knoll keypads and one controlled by other devices such as iPad or android phone through an RS232 port.
- Automatic protection circuitry.
- Individual room source input selection, volume, bass and treble adjustment.
- Optional individual remote source plates with and without Bluetooth are fully balanced to eliminate stray noise, an industry first.
- Gold RCA jacks are provided for all source inputs and all zone outs allowing larger amplifiers to be connected and fully controlled.

Q450

A welcome addition to your digital lifestyle...

The Q450 features four high power stereo amplifiers with individual four source selection. Designed to be out of sight, but not out of mind. The Q450 is controlled by keypads or almost any smart device, including iPhones, android devices, Blackberry and whole home controllers. The Q450 delivers sound pleasure in a big way. Think of it as four controlled stereo amplifiers in one box.

The Q450 is the newest member of the critically acclaimed and award winning Knoll Eco-System™ family. It consumes almost no energy when powered off and in standby. In fact, it is so efficient, when a channel is not in use it is shutdown drawing almost no power. **This “green” feature saves thousands of dollars in power and air conditioning costs over the lifetime of the Q450.**

Each of the four zones or rooms can select any of the four inputs, with individual volume control, bass and treble. Stereo sources can be directly connected to the Q450 or in remote rooms up to 500' away, using the optional individual fully balanced remote plates and a single cat 5e or cat 6 wire. These remote source plates can be ordered with or without Bluetooth.

The Q450 can be ordered with Knoll keypads (and Knoll remote controls) or RS232 control. When using RS232 control an external third party adaptor such as those made by Bitwise or Global Cache will likely be needed.

Additionally, each zone output has a gold RCA line level connector so that larger powered amplifiers can be used on some or all output zones. This is very handy when connecting to a larger space such as a pool or great room.



MR44 KEYPAD



Knoll Systems makes a complete line of high-quality audio and video products. Knoll Systems is known for its technical firsts and award winning amplifiers, infrared repeaters, volume controls and projectors.

Knoll Systems amplifiers and projectors, along with an extensive line of home theater and custom installation products, offer performance and value unmatched worldwide.



Specifications:

- Inputs:** Four stereo gold buffered RCA jacks and four fully balanced RJ45 connectors
- Outputs:** Four stereo 25 w/ch (8 ohms) and four stereo line level gold RCA (for larger amps)
- Peak Power:** 40 watts per channel (8 ohms)
- AC Power:** 225 watts at 117 VAC or 230 VAC
- Dimensions:** 13.2 x 3.5 x 2" h (335 x 89 x 51mm h)
- Warranty:** Three year limited parts and labor

Can be used with or without up to four MR44 keypads. See the Knoll website for more details.