



Installation and Operating Instructions MR100 Stereo Preamp Controller

Congratulations and thank you for choosing Knoll products.

The MR100 is a stereo preamp controller. Volume, mute, bass and treble can be controlled. A VC201 keypad is located in some convenient location in the room and it controls the volume and mute. An amplifier such as the MA205 stereo amplifier is required to complete the system.

Installation

The MR100 has a wall mount chassis. It does not have to be near the stereo equipment but long line level audio runs are not recommended.

The MR100 needs to be controlled by one or two VC201 or one VC201f infrared keypad.

If VC201 keypads are being used, one or two can be installed in each room. These keypads are available in white, almond, ivory and black colors. Cat 5 wires need to be home run from the keypad locations to the MR100 using all eight conductors.

1. First with a good quality RJ45 crimper, crimp the cat 5 wires on both ends with a RJ45 plug. There is no specific order the wires have to go, so long as they are in the same order on both ends of the plug. Install the VC201 keypad, connecting the RJ45 plug to the jack. If two VC201 keypads are being used to control one room, the wire from one of the VC201 keypads can be run to the other VC201, with only one home run back to the MR100 controller.

2. Next insert the wire from the VC201 keypad to the MR100 jack labeled KEYPAD. Connect the stereo source to the MR100 gold RCA jacks labeled INPUT.

3. If the 12-volt output trigger is to be used connect it now. The maximum output is 50 mA.

4. If the system requires start mute, remove the shunt from the appropriate pins on the MR100. Start mute means that the output is muted after the MR100 is powered up until the volume control is activated.

5. If a VC201f keypad is used, only one can be used per MR100. Connect any required emitters to the pins labeled "INFRARED" in addition to the previous instructions using VC201 keypads.

6. Connect the PS1202 power supply to the MR100 power jack.

7. Plug the power supply into the wall. After the system powers up and the source is on and running use the VC201 up button to turn on the MR100.

8. Adjust the bass and treble on the MR100 as needed.

9. Use the keypad to adjust the volume up and down.

Note: If the power supply is installed to a switched outlet on a receiver, the infrared cannot be used to turn the system on.

Operation

Turn the source on and make sure it is operating. Turn the amplifier on. Use the VC201 to turn the volume up to the desired level.

Volume Up and Down

Press the volume up or down button on the VC201 or the RB8 remote control. Holding the button gives continuous changes.

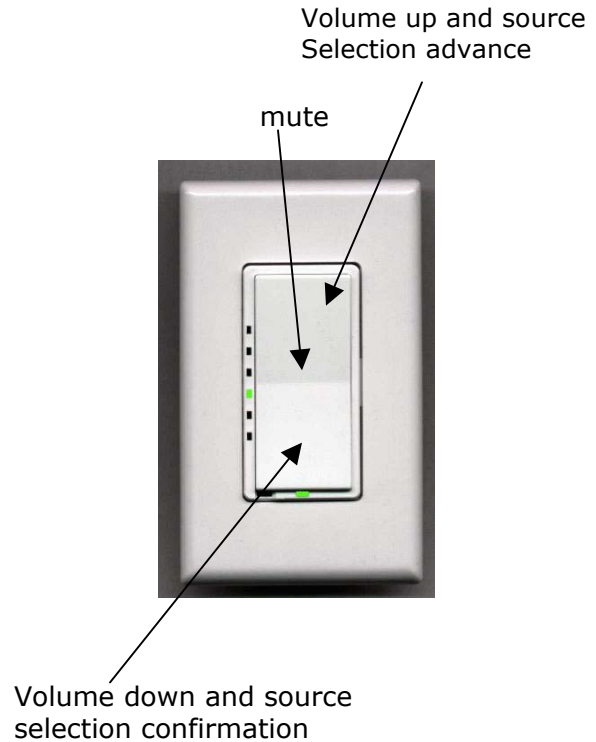
Mute

At any time press the center of the VC201 and the system will mute. Press the up or down button and the sound will return to its previous level. To mute from the RB8 remote, just press the mute button.

Remote control

The RB8 remote control can turn the MR100 off and on, volume up and down, and mute. The source 1, 2, 3, 4 buttons do not work, as the MR100 does not have source switching capabilities. The keypad needs to be a VC201f for the RB8 remote control to work.

VC201 Keypad



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