

# Installation and Operating Instructions MA201 Stereo Integrated Amplifier



Congratulations and thank you for choosing Knoll products.

The MA201 is a stereo integrated amplifier rated at 15 watts per channel. It is controlled by the VC201 or VC201f keypad. These keypads are available in white, almond and ivory colors. The MA201 controls the volume, mute, bass and treble. A VC201 keypad is located in some convenient location in the room and it controls the volume and mute. The MA201 is usually located near the stereo source equipment but does not have to be.

## Installation

The MA201 is normally wall or SMC mounted. It does not have to be near the stereo equipment but long line level audio runs are not recommended.

The MA201 needs to be controlled by a VC201 or VC201f keypad. If VC201 keypads are being used, one or two can be installed in each room. These keypads are available in white, almond and ivory colors. Cat 5 wires need to be home run from the keypad locations to the MA201.

First with a good quality RJ45 crimping tool, crimp the cat 5 wires from the keypad to the MA201 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 MA201 controller.

Next insert the wire from the VC201 keypad to the MA201 jack labeled KEYPAD.

Connect the stereo source to the MA201 gold RCA jacks labeled INPUT.

If the 12-volt output trigger is to be used connect it now to the detachable terminal

labeled TRIGGER. The maximum output is 50 mA.

If this room does not require start mute, remove the shunt from the appropriate pins next to gold RCA jacks on the MA201. Start mute means that the output is muted after the MA201 is powered up until the volume control is activated.

If VC201f keypads are used, connect any required emitters to the pins on the detachable connector labeled "IR OUT" and "G"

Connect the supplied power supply to the MA201 jack labeled "13VDC".

Plug the power supply or supplies into the wall. After the system powers up and the source is on and running use the VC201 up button to turn on the MA201. Adjust the balance, bass and treble on the MA201 as needed. Use the keypad to adjust the volume up and down. 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.

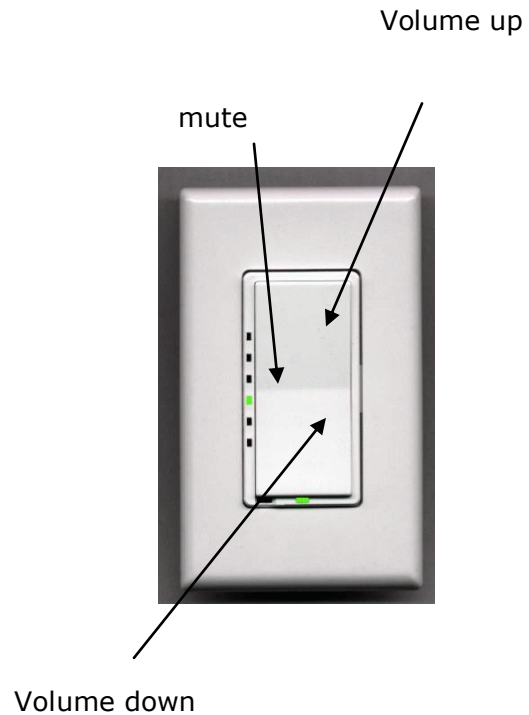
## Volume Up and Down

Press the volume up or down button on the VC201 remote. 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.

## VC201 Keypad



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