

Installation and Operating Instructions MA201 Stereo Integrated Amplifier

Congratulations and thank you for choosing Knöll products.

The MA201 is a stereo integrated amplifier rated at 15 watts per channel. It is controlled by the VC201 or VC201i 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 VC201i 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 crimper, 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 VC201i keypads are used, connect any required emitters to the pins on the detachable connector labeled "IR OUT" and "G"

If the MR202 source selector is being installed do it now. Make a short RJ45 to RG45 jumper using cat 5 wire to connect the "SELECTION" jack on the MR202 to the "MR202" jack on the MA201. Connect up to 4 stereo inputs to the MR202 gold RCA jack labeled 1, 2, 3 and 4.

With good quality short as possible RCA cable, **connect the MR202 B outputs to the MA201** gold RCA jacks labeled "INPUTS". Connect the supplied 15VAC power supply to the MR202.

Connect the PS1318 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.

VC201 Keypad

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.

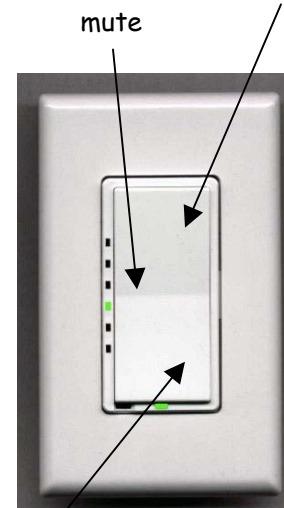
Mute

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.

Change sources

To change sources in this room only, press the center of the switch for a few seconds until the VC201 level leds flash down sequentially. As soon as they start to flash release the button. When the flashing has stopped, press the UP button once to advance to the next input selected, press again for the next input and so on. When it gets to input four and the UP button it pressed again it starts again at input one. Press the down button to confirm your selection and the VC01 keypad returns to it normal function.

Volume up and source
selection advance



Volume down and source
selection confirmation