



# RM-2 HI TO LOW LEVEL CONVERTOR & REMOTE SUBWOOFER VOLUME CONTROL

The M&K RM-2 allows you to use all M&K Powered Subwoofers with components that do not have RCA-type subwoofer output jacks (especially for the MX-125 II, MX-5000THX II, MX-350THX, MX-150THX, and V-125THX).

It also provides a convenient way to precisely fine tune and control the level of your M&K powered subwoofer without having to use the control on the subwoofer's back panel.

## LOCATION OF THE RM-2

The RM-2 must be placed close to your amplifier or receiver, so that its input wires will reach the speaker output terminals of your component. **SPECIAL NOTE:** Despite its full Faraday shielding, in *rare* instances, when the RM-2 is very close to the power amplifier, it may be sensitive to hum. If you hear system hum after connecting the RM-2, move it away from any power transformers in the receiver or amplifier.

## WIRING THE RM-2

The RM-2 has three sets of connectors. From left to right:

RIGHT IN (- connection on top; + connection on bottom)

SUB OUT (2 jacks)

LEFT IN (- connection on top; + connection on bottom)

1. Connect the RIGHT IN wires attached to the RM-2 to the Right Channel speaker output on your amp or receiver. Make sure that the Red wire is connected to the (+) terminal on the amplifier and that the Black wire is connected to the (-) terminal on the amplifier.

2. Connect the LEFT IN wires attached to the RM-2 to the Left Channel speaker output on your amp or receiver. Make sure that the Red wire is connected to the (+) terminal on the amplifier and that the Black wire is connected to the (-) terminal on the amplifier.

3. Connect an RCA - RCA interconnect cable from either one of the SUB OUT jacks on the RM-2 to the LEFT/MONO input on your subwoofer. If you have two subwoofers, connect one cable to each subwoofer.

## USING THE RM-2 TO SET BASS LEVEL

The RM-2's convenience in setting the bass level of your M&K subwoofer can be used for various purposes.

The most common purpose is to use it to increase or decrease bass levels depending on the source. Its calibrated control makes it easy to return the subwoofer to your reference level. Here's the procedure:

After connecting the RM-2 as described above, set its level control to the 0 dB position. Then calibrate the level of the subwoofer by adjusting the BASS LEVEL control on the back of the subwoofer. Do not adjust the RM-2. You can calibrate levels through listening tests, or by using test tones or noise with a sound level meter or with a third-octave analyzer.

Once calibrated, any time you wish to change the amount of bass, simply adjust the RM-2. Do not adjust the subwoofer. The RM-2 has a range of plus or minus 21 dB of adjustment. Any time you need to reset the bass output to the calibrated level, all you have to do is set the RM-2 to the 0 dB position!

Another use of the RM-2 is to control (and calibrate) the level of subwoofers installed in locations that are difficult to access. In these cases, you may be unable to calibrate bass levels by using the BASS LEVEL control on the back of the subwoofer.

Under these circumstances, to use the RM-2, just set the BASS LEVEL control on the back of the subwoofer(s) to between the 12:00 (straight up) and about the 3:00 position. Then use the RM-2 to calibrate the bass level.

For more detailed information on the subject of setting bass levels, see your subwoofer owner's manual.

**FIGURE 1  
WIRING THE RM-2**

