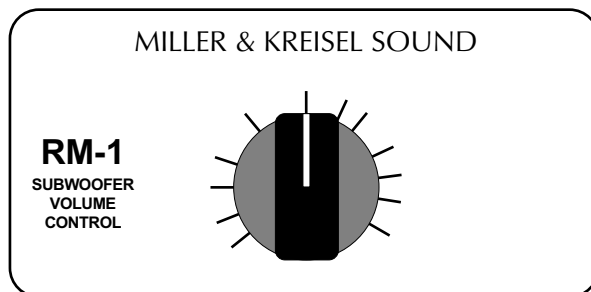




## RM-1 REMOTE SUBWOOFER VOLUME CONTROL



The M&K RM-1 is 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.

Connect this passive volume control in-between your control unit and your subwoofer, and you will be able to easily increase or decrease the bass level of your system, secure in the knowledge that you can return to calibrated levels at any time!

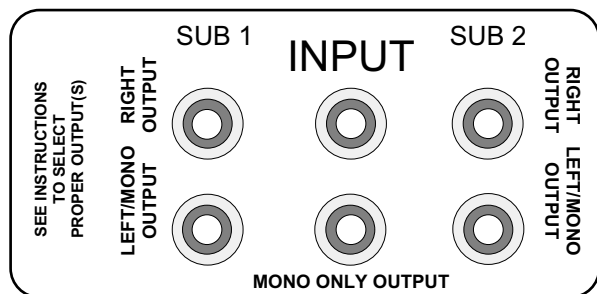
### LOCATION OF THE RM-1

The RM-1 can be placed anywhere that is convenient and useful. It can be placed near your other components, but you may find it most convenient when it is placed close to your listening position. **SPECIAL NOTE:** Despite its full Faraday shielding, in *rare* instances, when the RM-1 is very close to a power amplifier, it may be sensitive to hum. If you hear system hum after connecting the RM-1, move it away from other components. It is probably picking up hum from a nearby power transformer.

### WIRING THE RM-1

The RM-1 has three sets of jacks. From left to right, they are:

- SUB(WOOFER) 1 Right Output (top)
- SUB(WOOFER) 1 Left/Mono Output (bottom)
- INPUT (top)
- MONO ONLY OUTPUT (bottom)
- SUB(WOOFER) 2 Right Output (top)
- SUB(WOOFER) 2 Left/Mono Output (bottom)



### CONNECTIONS FOR ONE SUBWOOFER

Connect a cable from the SUBWOOFER OUTPUT jack on the preamp or controller to the INPUT jack on the RM-1. Connect another cable from the MONO ONLY OUTPUT jack on the RM-1 to the LEFT/MONO input jack on your M&K subwoofer.

### OPTIONAL CONNECTION FOR ONE SUBWOOFER

With one subwoofer, you can also use a stereo cable to connect

the RM-1 to the subwoofer. On the RM-1, connect the cable to the left-hand set of jacks under SUB 1: RIGHT OUTPUT and LEFT/MONO OUTPUT. Connect the other end of the cable to both INPUT jacks on the subwoofer. See Figure 1.

### TWO SUBWOOFERS

Connect a cable from the SUBWOOFER OUTPUT jack on your preamplifier or controller to the INPUT jack on the RM-1. Connect another cable from the jack labelled SUB 1: LEFT/MONO OUTPUT to the LEFT/MONO input jack on your first M&K subwoofer. Connect a third cable from the jack labelled SUB 2: LEFT/MONO OUTPUT to the LEFT/MONO input jack on your other M&K subwoofer. See Figure 2.

### THREE OR FOUR SUBWOOFERS

For more than two subwoofers, run cables from the jacks labelled SUB 1: RIGHT OUTPUT and SUB 2: RIGHT OUTPUT to the LEFT/MONO input jack of additional subwoofers.

### USING THE RM-1 TO SET BASS LEVEL

The RM-1'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-1 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-1. 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-1. Do not adjust the subwoofer. The RM-1 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-1 to the 0 dB position!

Another use of the RM-1 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-1, 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-1 to calibrate the bass level.

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