



MACKIE®

Frequently Asked Questions

SRM Series

Question:

Can I connect this to the speaker output of an amplifier?

Answer:

When setting up your SRM speaker, it is very important that you DO NOT connect it to the output of an amplifier. The inputs of the SRM series are made for non-powered outputs such as the main or aux outputs from a mixer. The outputs of an amp will easily damage and potentially cause a fire in just about any powered speaker such as the SRM series.

What is the Hi-Z switch for? (SRM150)

This makes the SRM150 perfect for plugging in a high impedance unbalanced source like an acoustic guitar. When using balanced line level sources or microphones, you want to have this disengaged.

What is the proper method for flying or mounting the speaker?

Our engineers have designed the speaker with integrated fly points to simplify its integration into a permanent installation. Due to the inherent dangers involved in hanging or mounting these or any speakers, we strongly recommend that a qualified professional be employed in any such installation. The SRM550/650 accepts M-10x1.5x37mm eyebolts. SRM350 / 450 M – 10 x 1.5 x 20mm

Is it normal for the speaker to "pop" when it is switched on or off?

It is normal for the SRM to emit a slight "pop" when it is powered up or down. The pop is caused by electricity left inside the amplifier circuitry discharging to the speaker.

SRM Series

Question:

How many SRM loudspeakers can be chained together using the THRU jacks?

Answer:

The number of SRM450 loudspeakers that can be chained together at a time is limited only by the output impedance of the mixer or equipment that is directly feeding them. To insure optimum signal transfer, the net input impedance of a group of SRM450 inputs (ZT) should be no less than 10 times the output impedance of the equipment acting as the signal source. The net input impedance of a group of SRM450's can be found by donning a propeller-laden cap, and using the following simple formula: Where n = the number of SRM450's being chained together and ZT = the total input impedance in Ohms of the SRM450 chain. For those of you with Mackie compact VLZ and VLZ PRO mixers, this means that you can chain up to sixteen SRM450's together without any problem; and if this isn't loud enough, then you should remove the earplugs before continuing.

The speaker hums when I connect something to its input...

The presence of a 60Hz hum in the speaker only when a connection is made to another piece of equipment suggests the presence of a ground loop. Such a loop is caused by electrical interaction of the signal grounds on two pieces of equipment, and is not necessarily an indication of broken gear. If a balanced connection to the SRM is being used, the simplest way to correct this problem is to lift the signal ground on the end of the connecting cable closest to the signal source. NOTE: This is not to be confused with disconnecting the safety ground on the power plug - this should be avoided at all costs, as it can present a safety hazard. If an unbalanced connection is being made to the SRM, a line coupler such as the Ebtech Hum Eliminator can be used to eliminate the ground loop.

Will the SRM350, 450, 550, 650 function as a floor monitor?

Absolutely!! In fact, you will probably have a hard time finding a floor monitor that sounds as good as this! The asymmetrical trapezoidal design of the box lets you set the speaker on its side giving the perfect tilt for a floor monitor -- without tipping over and making a hassle.

SRM Series

Question:

What is the High Pass outputs used for?

Answer:

The High-Pass outputs are perfect when using full range speakers along with the SRM subwoofers. What it does is basically sends back out the audio that you are putting into it but subtracts a lot of the low end. The reason for this is since you have the SRM subwoofer taking care of your low end, your full range speakers don't need to worry about it, so by connecting them to the high-pass outputs, they will be able to perform their duty of reinforcing the midrange and high frequencies much better and under much less stress.

With the SRM1850, you can choose which frequency you want to star to roll off the lows on your High Pass outputs. There are also preset levels that will match the SRM1850 perfectly with either the SRM550 or SRM650.

Do I need a crossover to use the SRM1850 or SRM1801?

The SRM1801 has its own crossover built in for the signal coming in and out. So go ahead and give it full range signal, it will take it from there.

The SRM1850 features a variable crossover that gives you even more control over your sound.

What happens if the Limit light is turning on?

When the Limit light is flashing or on, this means that the amplifier is being pushed a bit too hard. If you see this happening, turn down the level control immediately until the Limit stops lighting.

What do the different modes do? (SRM550, 650)

The different modes are basically applying a specific EQ curve to the sound of the speaker that will help it to be better suited for your application. Most of the time PA mode will be a good choice as it is a more neutral setting.

DJ mode will enhance the lows and highs more to help music stand out more.

Monitor mode will optimize it for maximum vocal output while helping to avoid feedback.

Solo is perfect for the one person act with an acoustic guitar and vocal.