

Tech Tip

Low Output Emitters

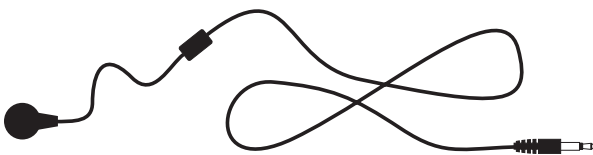
IR emitters (includes Russound 845.1 IR Micro Emitter and 1584.1 Dual Head IR Micro Emitter) can sometimes provide a signal strong enough to over flood or over saturate the IR receivers on some source equipment. This situation is most common with, but not limited to, DirecTV, Dish network or cable boxes. Common fixes for this situation have been: a) mount the emitter away from the face of the IR window on the receiver, b) reduce the level with a resistor, or c) otherwise filter the IR to reduce the intensity.

As a more effective resolution to these issues, Russound has recently developed a new line of Low Output IR Emitters: 845.2 Low Output IR Micro Emitter and 1584.2 Dual Head Low Output IR Micro Emitter. Tests conducted with these new emitters have found them to be quite reliable with these problematic satellite receivers and cable boxes. Even with the lower output, the signal is sufficient to provide a reliable signal to other all other source equipment as well. Another feature to these new emitters is that they provide a visual indication of IR. These are commonly referred to as "Blink" emitters and can be valuable when troubleshooting.

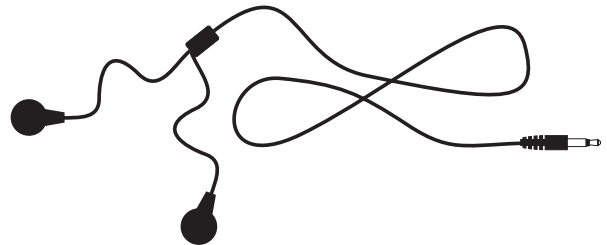
Note: The new low output emitters will only resolve issues related to over saturated IR, and not those that would be resolved by using the 56k IR Remodulator (See separate tech tip). In those cases, continue to use the remodulator.

All Russound kits with emitters will continue to ship with the standard 845.1 or 1548.1 emitters. The new Low Output Emitters can be ordered separately as follows:

Part #5100-530340	845.2	MAP: \$13.00
Part #5100-530357	1584.2	MAP: \$20.00



845.2 Low Output IR Emitter



1584.2 Low Output IR Emitter