

Why does the PSC PowerStar Mini have Filtered Outputs?

Because we feel they are necessary to provide you with the cleanest, most noise free power available to operate your equipment.

FILTER NEED:

Our competitor claims they have never encountered a noise issue that could be solved with filters inside the distribution box. We disagree.

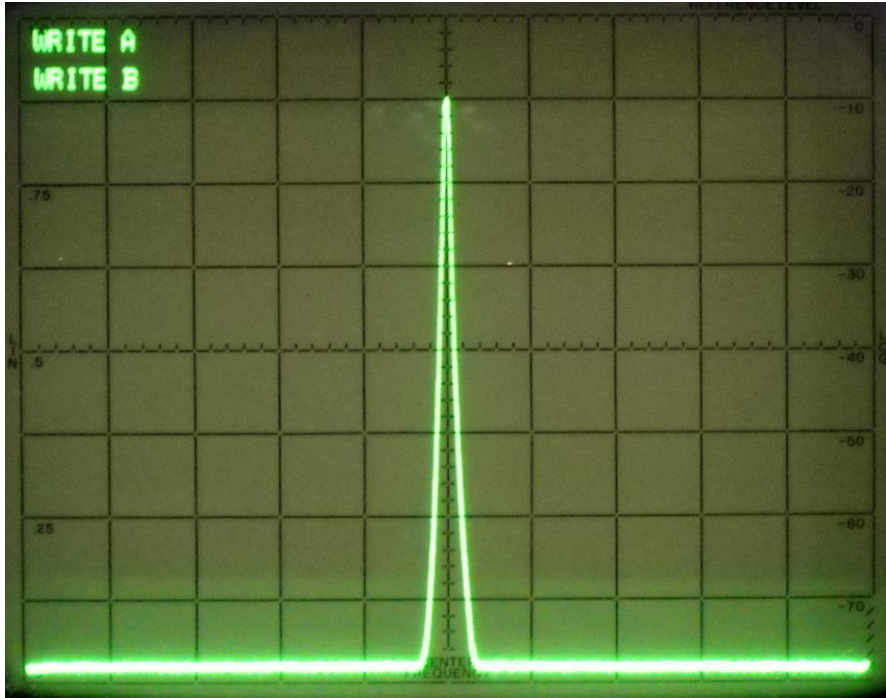
We first saw the need for these filters more than 15 years ago when various audio equipment manufacturers started routinely using DC to DC converters in their new product designs. All of these various DC to DC converters emit noise that could cause interference through intermodulation. The result was low level tones, strange noises and in some cases, increased RF interference. As the noise floor of newer audio products continued downward, it became more and more important to provide these products with clean, quiet DC power. So, 15 years ago, we decided to redesign our Power Station to include individual filters on each and every output. These filters solved many of the noise problems our customers were experiencing and afforded our customers less problems in the field. To this day, some 15 years later, we include individual power output filters on every power distribution product we make. It's our promise to you, our customer, to provide you with clean, quiet DC power for all of your recording endeavors.

FILTER COST:

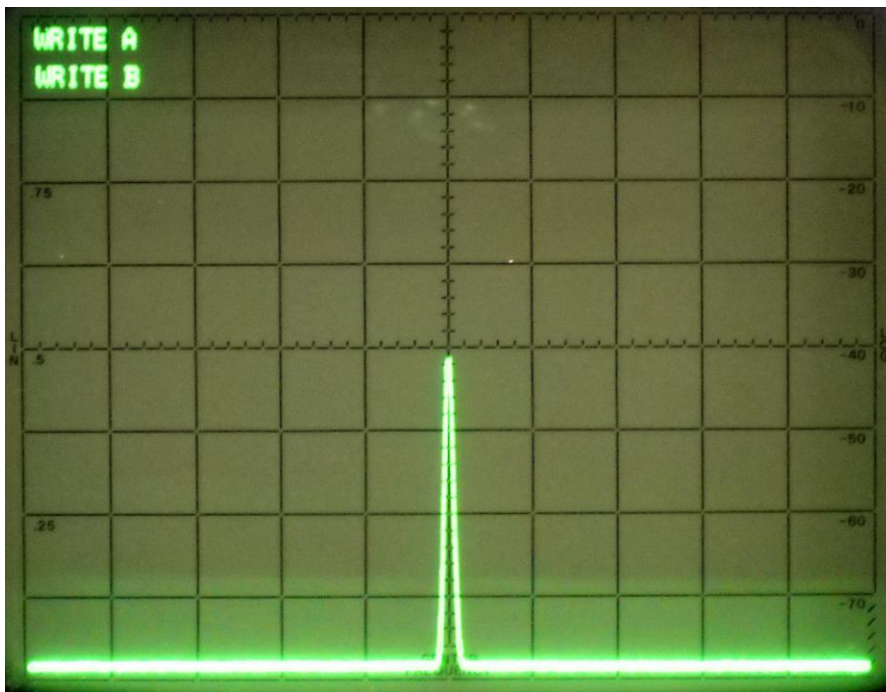
Our competitor claims adding filters would needlessly increase the cost, size and (decrease) the capacity of their battery distribution system:

Here at PSC, we built the filters into our new PowerStar Mini without increasing its size over that of our competitor, did not raise the price over that of our competitor (lowered it actually) and we offered the same legitimate global output capacity. In addition, we installed individual output Polyfuses with handy, front panel mounted LED monitoring, again without raising the cost, increasing the size, or affecting the global output capacity.

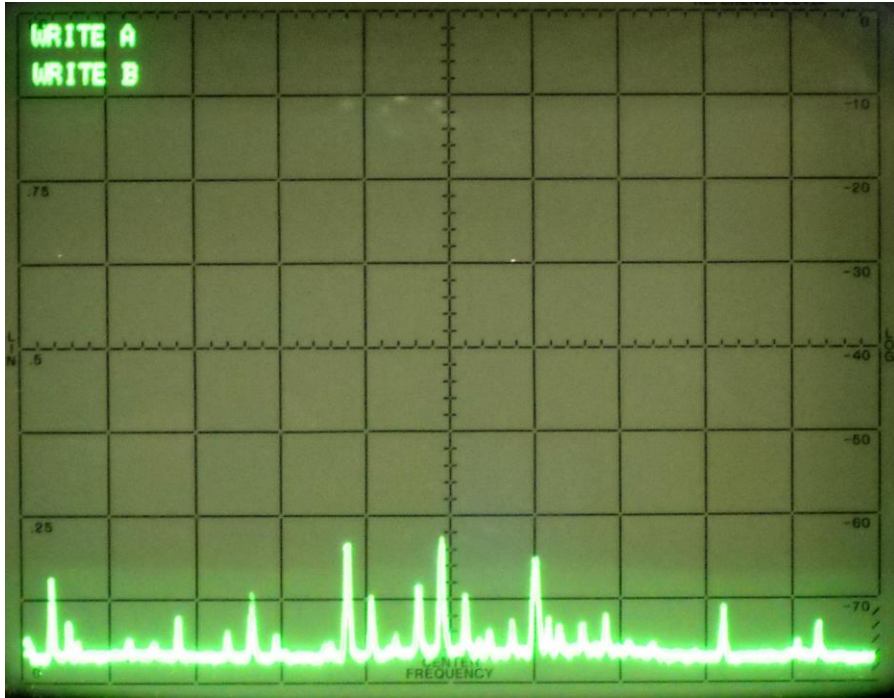
Do all applications require power output filters at all times? Probably not, but with today's radio mics being frequency agile, today's digital recorders operating at various sampling rates, bit depths, time code rates, etc, your chance of interference via your powering lines is a real concern. Why not use filters to help eliminate these issues for your peace of mind. Here at PSC, we get it!



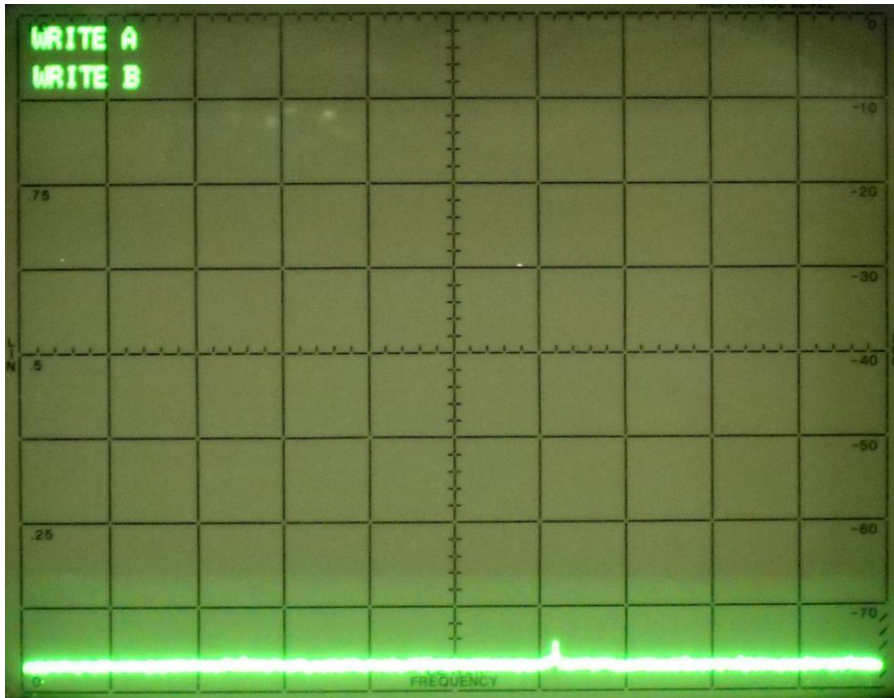
Spectrum Analyzer reading of our competitors output connector with a 250mW UHF transmitter being power from an adjacent connector



Spectrum Analyzer reading the PSC PowerStar Mini's output connector with a 250mW UHF transmitter being power from an adjacent connector



Spectrum Analyzer reading of our competitors output connector with four UHF receivers being powered from adjacent connectors



Spectrum Analyzer reading of the PSC PowerStar Mini's output connector with four UHF receivers being powered from adjacent connectors