

PRE-73 Mk1 power supply modification

The problem:

Some PRE73's Mk1's can have a slight noise problem when using high gains, 60-80 dB. The reason for the problem is that noise is induced in the ground.

There are two ground connections from the power supply circuit board copper traces to the box support mounting stands.

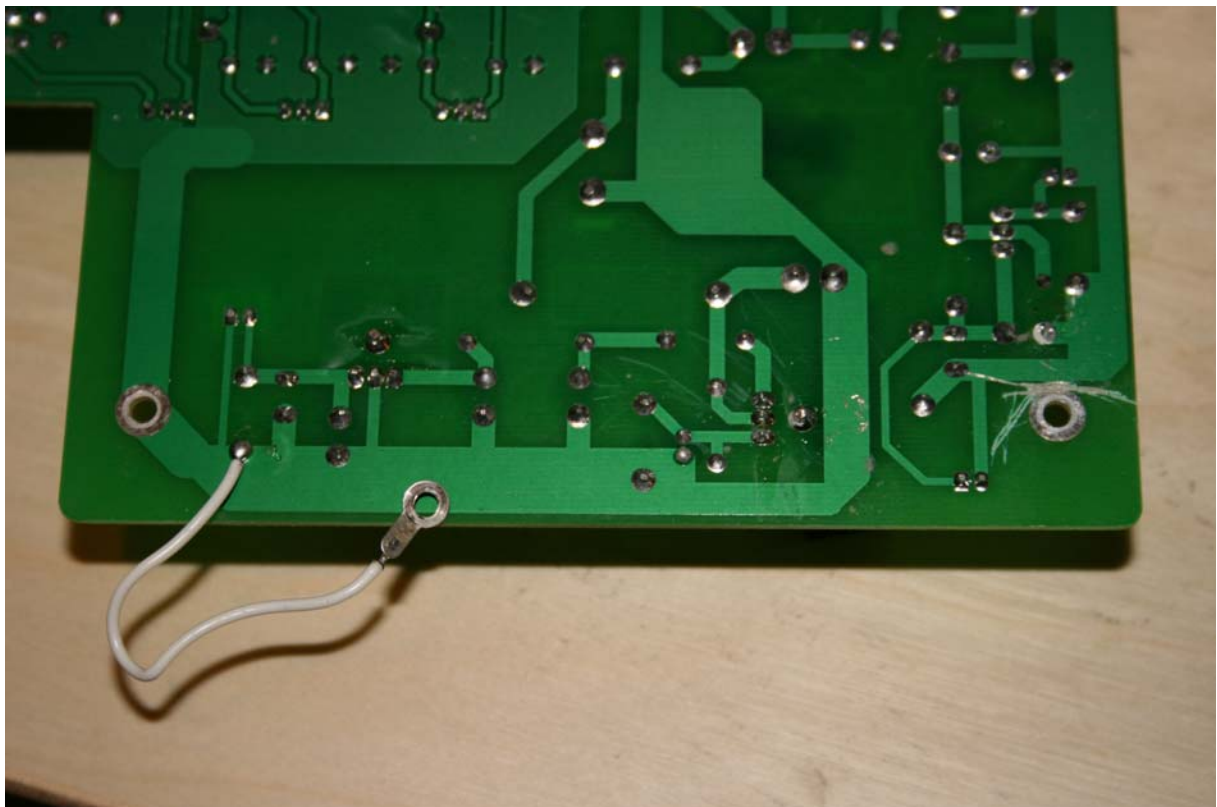
On later Mk1 units, the factory added wires from the circuit board ground traces to soldering lugs sitting between the circuit board and the two screws fixing the circuit board to the box support stands, to securely connect the circuit board ground to the box.

The solution:

The solution is to make a small modification by removing one of the circuit board ground to box connections. The one that should be removed is the one to the left when you look at the PRE73 from the front.

Making the modification:

1. Remove the top plate of the box.
2. Remove the small power supply circuit board at the back of the box. You must remove the two the screws that secures the circuit board to the box mounting stands and the screws and nuts holding the connectors to the back panel.
3. Take a sharp tool and cut the circuit board copper trace that goes to the right box support stand shown on the picture below.



4. If there is a wire with a soldering lug going to the same support post, remove it.