

MP-301 MK4 Quick Setup Manual

Location and Replacement of the Main Fuse

The main fuse is located inside the IEC power plug socket. If the tubes fail to light up, check and replace the main fuse following these steps:

1. Unplug the power cord;
2. Use a flat-head screwdriver to pry open the fuse compartment (a spare fuse is included inside the compartment);
3. Only use a 5x20mm T3.15A slow-blow fuse for replacement.



Location and Replacement of Fuses on The Motherboard

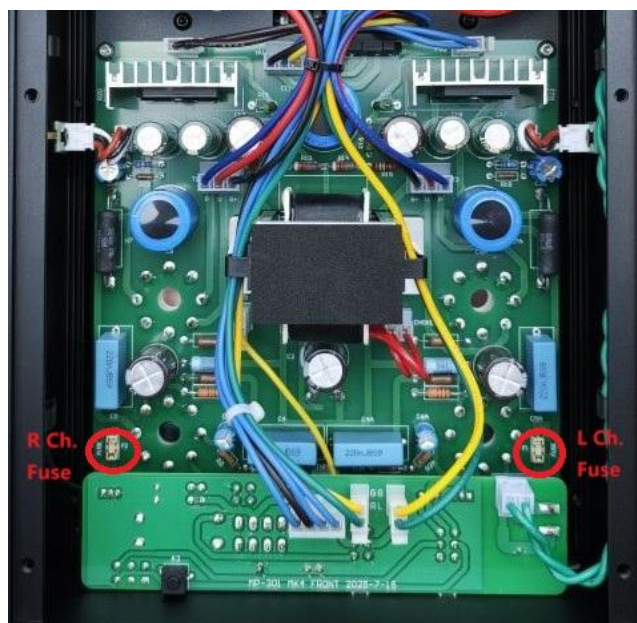
There are two additional 125mA fast-blow fuses on the motherboard, which are used to prevent the following fault conditions:

- Unplugging or plugging in tubes while the amplifier is powered on (before replacing any tube, you must turn off the power and wait for the device to cool down);
- Using low-power tubes (such as EL34/6L6) when the top switch is set to the KT88/KT120 high-power mode position;
- Malfunction of power tubes (e.g., overcurrent or short circuit of tubes).

If tubes light up, but no sound, replace the fuse accordingly

- The original packaging of the device comes with 2 spare 125mA fast-blow fuses. To replace the fuse, use small nose pliers to pull out the old one;
- More fuses can be ordered from us or purchased through Digikey.com.

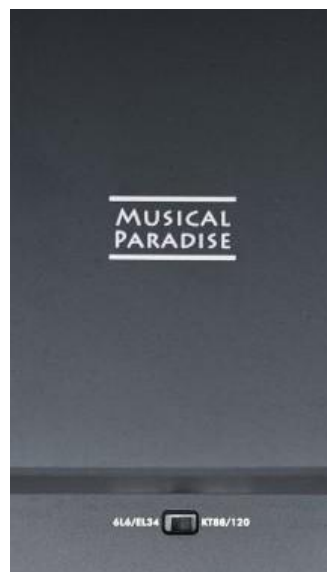
Link: <https://www.digikey.com/en/products/detail/littelfuse-inc/0451-125nrl/2023583>



Selection of Tube Types via the Top Switch

The top switch is used to select the suitable type of power tubes, with the specific corresponding relationship as follows:

- 6L6/EL34 Position: Compatible with 6L6, EL34, KT66, KT77 power tubes;
- KT88/KT120 Position: Compatible with KT88, KT120 power tubes.



Troubleshooting Method for Background Hum

The MP-301 MK4 has an extremely low noise floor. If obvious background hum occurs during use, try pressing the K3 switch to switch between different chassis grounding methods to eliminate the hum.

