

LEGAL DISCLAIMER: There is no guarantee on the functioning of this program.

"Not" means, this cartridge is not well suited for MC transformers. Often minimum load is not sufficient.

notes about this table. Cartridge data is collected from reliable sources. This works by precise calculations, including primary and secondary copper resistance. When wires are connected in series or in parallel. Also the cartridge load may not quite be what you expect, if copper resistance is ignored. All in all, these calculations are rougher, so using Excel is much easier as calculating it by hand. You can see the effect of this, when going for instance from 1:13 to 1:28, it will not double the output signal, but the result will be less. The main concern of MC owners, is signal level, but the higher the signal level, the smaller the noise will be. Very good combinations have green boxes, meaning output voltage is above 30mV. A blue box is above 70mV. An empty (black) box is below 30mV, a blue box 30 to 70mV. Secondary Load on cartridges is 47k plus the damping resistor, which is connected in parallel to the secondary. Damping resistance is based on resistors of EE50 / EE51 PCBs. A database for cartridges is found at: https://www.vinylengine.com/cartridge_database.php © www.aecmusic.com