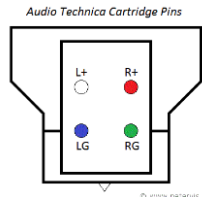


Musical Paradise MP-P2 Phono Stage Quick Setup Manual V1.0

Connection

1. Connect turntable RCA output interconnect to MP-P2 IN-L and IN-R
2. Connect turntable ground wire to MP-P2 GND terminal (This is important, otherwise big noise)
3. Connect MP-P2 OUT-L and OUT-R to integrated amp or preamp
4. If using MC cartridge, set both switches at the back to MC positions and setup the right input impedance according to the following table.
5. If using MM cartridge, set both switches at the back to MM positions. Turn off all impedance DIP switches. For optimal result, both channels +and- wires connecting to the MM cartridge need to be swapped. Swap white



and blue wires. Swap red and green wires.

*Please note, MC cartridges do not need to swap wires.

6. Listening to music, if you feel the gain is too high (volume increases too fast or noise floor is too high), then you need to change MP-P2 output gain according to the following table.

Output Gain Settings (Output Gain)

DIP 5	DIP 4	DIP 3	DIP 2	DIP 1	OUTPUT GAIN (db)
OFF	OFF	OFF	OFF	ON	0
OFF	OFF	OFF	ON	OFF	-0.82
OFF	OFF	ON	OFF	OFF	-1.83
OFF	ON	OFF	OFF	OFF	-3.74
ON	OFF	OFF	OFF	OFF	-6.38

MC Input Impedance Settings (Impedance)

DIP 5	DIP 4	DIP 3	DIP 2	DIP 1	IMPEDANCE
OFF	OFF	OFF	OFF	ON	50R
OFF	OFF	OFF	ON	OFF	100R
OFF	OFF	OFF	ON	ON	33.3R
OFF	OFF	ON	OFF	OFF	300R
OFF	OFF	ON	OFF	ON	42.9R
OFF	OFF	ON	ON	OFF	75R
OFF	OFF	ON	ON	ON	30R
OFF	ON	OFF	OFF	OFF	600R
OFF	ON	OFF	OFF	ON	46.2R
OFF	ON	OFF	ON	OFF	85.7R
OFF	ON	OFF	ON	ON	31.6R
OFF	ON	ON	OFF	OFF	200R
OFF	ON	ON	OFF	ON	40R
OFF	ON	ON	ON	OFF	66.7R
OFF	ON	ON	ON	ON	28.6R
ON	OFF	OFF	OFF	OFF	1K

ON	OFF	OFF	OFF	ON	47.6R
ON	OFF	OFF	ON	OFF	90.9R
ON	OFF	OFF	ON	ON	32.3R
ON	OFF	ON	OFF	OFF	231R
ON	OFF	ON	OFF	ON	41.1R
ON	OFF	ON	ON	OFF	69.8R
ON	OFF	ON	ON	ON	29.1R
ON	ON	OFF	OFF	OFF	375R
ON	ON	OFF	OFF	ON	44.1R
ON	ON	OFF	ON	OFF	78.9R
ON	ON	OFF	ON	ON	30.6R
ON	ON	ON	OFF	OFF	167R
ON	ON	ON	OFF	ON	38.5R
ON	ON	ON	ON	OFF	62.5R
ON	ON	ON	ON	ON	27.8R

Tube Replacement Guide

Main board:

- V1 and V2: 12AX7, V3: E88CC, E88CC, 6N11, 6922, 6DJ8

Power board:

- 6.3V rectifier tubes (Set switch at 6X5 position): 6Z5P, 6X5
- 5V rectifier tubes (Set switch at 5AR4 position): GZ34, 5AR4, 5U4G, 5R4, 5Y3, 274B

Troubleshooting Guide

1. Experience high noise

- Make sure turntable ground wire is connected to MP-P2 GND terminal at the back.
- Make sure set both input selection switches to MM position if using MM cartridge.
- Set output gain to suitable level.
- Try to use a 3 prong to 2 prong adapter on power cord plug to isolate dirty power ground or avoid ground loop issue.
- If experience higher noise after changing different tubes, could be noisy defective tubes issue.
- If experience crackling or popping sound on one channel, check/replace each tube on that channel.

2. No sound on one or both channels

- Check all interconnect cables. Make sure do not mix input and output cables.
- There are two 30mm 500ma fuse inside. Check if they are blown due to bad signal tubes.

3. All tubes do not light up

- Check and replace the 20mm T5A fuse close to the power switch inside.

***For safety, always disconnect power cord and wear plastic gloves when changing anything inside**