



# **MP-301 MK3**

**Owner's Manual**

**V1.0**

## **Introduction**

Welcome to the Musical Paradise family. Every Musical Paradise product is designed to provide the users an amazing listening experience without paying big ticket prices. The MP-301 series is the most popular Musical Paradise tube amplifier which was first released in 2008. In 2011, the MK2 was introduced to the market with many improvements. The enhancement process has never been stopped. Today, we want to introduce you the new MP-301 MK3 2013 Deluxe version, the fourth generation of the MP-301 series. After collecting huge amount of users' feedback and recommendation during the past 5 years, we bring the MP-301 series to a new high level.

## **Placement**

Please place it on a flat platform with good ventilation. Do not put it into a cabinet. Try to avoid glass top table and other heat source.

## **Tube Installation**

Please plug the tubes into the sockets accordingly. V1 and V2 accept 6J8P, 6SJ7, 5693, 717A, 713A and 6SD7 pre-amp tubes. V3 and V4 accept 6L6, 6P3P, 6P3S, 6P3S-E, KT66, 5881, EL34, 6CA7, KT77, 6550 and KT88 power tubes. Please hold the base of vacuum tubes when installing and removing them from the sockets. Try to avoid pushing or pulling from the glass part.

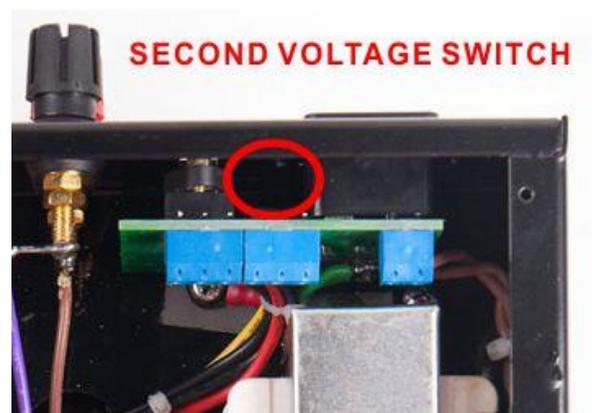
## **Cautions**

Do "Not" connect any headphones to the speaker output terminals directly. This can cause permanent damage to the output transformers. Always use the headphone jack at the front for connecting headphones. Do "Not" turn on the amp without connecting either a headphone or speakers. Users must connect their headphones and/or speakers to the amp all the time when the amp is on, otherwise, the output transformers could be overheated and damaged. If you don't use speakers with the amp, please make sure the output selector is always on the headphone position, and a headphone must be connected.

## Input Voltage

The input voltage is preset to the user's destination country voltage before shipment. If you move to a new country later, you can reset it to the new country voltage standard. There are two voltage selector switches on this amplifier. The external one changes between 110V and 220V. The internal one controls whether adding 10V. The following table shows the settings.

Input Voltage	External Switch	Internal Switch
110V	110V Position	110V/220V Position
120V	110V Position	120V/240V Position
220V	220V Position	110V/220V Position
240V	220V Position	120V/240V Position



## Fuse

A 1A time lag fuse is used for the MP-301 MK3. The fuse model is T1A 250V 20mm length. Do “NOT” use any other types of fuse besides this model. The fuse box is located below the power plug. Use a flat head screw driver to pry it out from the notch on the top of the fuse box.

## FAQ

1. I hear obvious humming noise from the speaker or headphone. What should I do?

Answer: Your house probably have a noisy or poor grounding. You can get a 3 prong to 2 prong adapter to isolate it. If you have a low impedance and high efficient headphone, a tube combination of 6L6GC and RCA 6SJ7 can provide the quietest background.



2. What are the best tubes for MP-301 MK3?

Answer: There is no standard answer for this question. Every tube has its own sounding. The selection depends on your budget, personal taste and equipment matching. For instance, if you have a brighter speaker, a darker sounding 6L6 power tube is more suitable in this case.

3. What speakers should I use?

Answer: Two-way speakers with  $\geq 88$ db efficiency or three-way floor stand speakers with  $\geq 90$ db are recommended. 8ohm speakers are more preferred than 4ohm ones.

4. What headphones are recommended?

Answer: Headphones with  $\geq 50\Omega$  impedance are recommended. For example: AKG K240s, K701, K702, Q701; Sennheiser HD600, HD650, HD700, HD800; Beyerdynamic DT880, DT990 (250/600 $\Omega$ ), T1; Audeze LCD2, LCD3.

5. How long is the tube life? When should I change the tubes?

Answer: Preamp tubes can last approximately 5000-6000 hours. Power tubes can last approximately 2000-3000 hours. If you experience significant volume loss, hear obvious distorted soft sounding, or the filament does not light up at all, it is about the time to change new tubes.

6. Do I need to use matched tubes?

Answer: Matched tubes are always recommended for best performance. However, unmatched tubes can also be used as long as you don't feel obvious imbalance between left and right channels.

## Warranty

The amplifier itself is covered by one year manufacturer warranty. Tubes have a limited 30-Day warranty. Please email to [info@musicalparadise.ca](mailto:info@musicalparadise.ca) for support.