



Burson Playmate
Headphone Amplifier / Pre Amplifier / USB DAC

User Manual

A free warranty extension to 5 years! Ref. page 6 for details

Thank You.

All of us at Burson Audio would like to say thank you, and congratulations for purchasing the Burson Playmate. We sincerely believe that your Burson Playmate is an intelligent investment that will bring you many years of musical enjoyment and satisfaction.

We understand how eager you are to begin listening and we want you to become familiar with the full capabilities of the Burson Playmate. However, before powering on the device, we encourage you to look through the manual.

Team Burson

The less the equipment tampers with the music, the greater the music becomes. This has been the core design philosophy of Burson Audio since 1996. If the equipment is honest and transparent then the proper tempo, dynamics and tone will materialize as a natural expression of the music and it becomes unnecessary to flavor the original sound. We believe that this ideal can never be achieved through standard circuitry building blocks such as opamps, IC regulators or even standard transformers. Instead we work towards this ideal through the research and development of customized solid state circuitries that are developed specifically to suit our applications. Only then will each and every component involved be pushed to their performance peak. And only then will the end result be consistent with our idealism.

Team Burson

Unpacking

After carefully unpacking your Burson Playmate, inspect for any shipping damage and call your dealer immediately if any is found. Do not plug your Burson Playmate into any outlet if you find shipping damage. Please save all packing materials so the unit can be easily and safely shipped if the need arises.

The Accessories

- Playmate Headphone Amp / Pre Amp / DAC
- External Power Supply 12V 5A
- RCA Cables
- USB Data cable
- 8 Pin PC motherboard connection cable
- PC Slot Insect with RCA connectors
- Remote control unit (optional)
- Warranty registration card

Stand Alone Setup

1. Make sure the unit is off. (o)
2. Connect the 12V external power supply to the Playmate (via the barrel socket)
3. Connect the USB cable between the Playmate and your PC / Mac
4. Connect the Pre Out of the Playmate to your powered speaker/power amp + speaker setup
5. Connect your headphones to the Headphone Out of the Playmate
6. Power on (I) the Playmate.
7. Turn the volume control knob to adjust volume. Press the volume knob once to muted. Press the knob again or turn the volume up to unmute.
8. You can also control volume and mute the Playmate from its remote control.
9. At this point the physical setup of the unit is completed, please follow the software setup guide.

Internal Setup

1. Make sure the unit is off. (o). Then insert the Playmate into the PC drive bay.
2. Apply 4 X 2.5mm bolt to the side of the Playmate unit and secure it in the PC drive bay.
3. Connect the 12V internal power supply to the Playmate (via the 4 pin Molex socket)
4. Connect the special 8pin USB cable between the Playmate and the PC motherboard.
5. Install the Burson Slot Insect with preamp output connectors.
6. Connect the Pre Out of the Playmate to the Burson Slot Insect.
7. Set the power switch on the Playmate to ON (I).
8. Connect your headphone to the Headphone Out of the Playmate
9. Power on your PC.
10. At this point the physical setup of the unit is completed, please follow the software setup guide.

Connections



USB interface software setup guide.

For OSX, iOS, Android system, no driver is needed. For Windows OS driver download and setup procedures please visit our main website for support: <https://www.bursonaudio.com/downloads/>

Break-in, Warm-up and Caring.

The sound of the Burson Playmate improves steadily within minutes after powered-up. Depending on the resolution of the system and the attentiveness of the listener, you may find that the sound continues to improve over the first several weeks of operation.

Never, connect or disconnect the headphone jack or the RCA cables from the Playmate while music is playing. This could damage the Playmate. After your listening session, please disconnect the headphone jack from the Playmate to prolong the working life of its headphone output socket.

Menu Items:

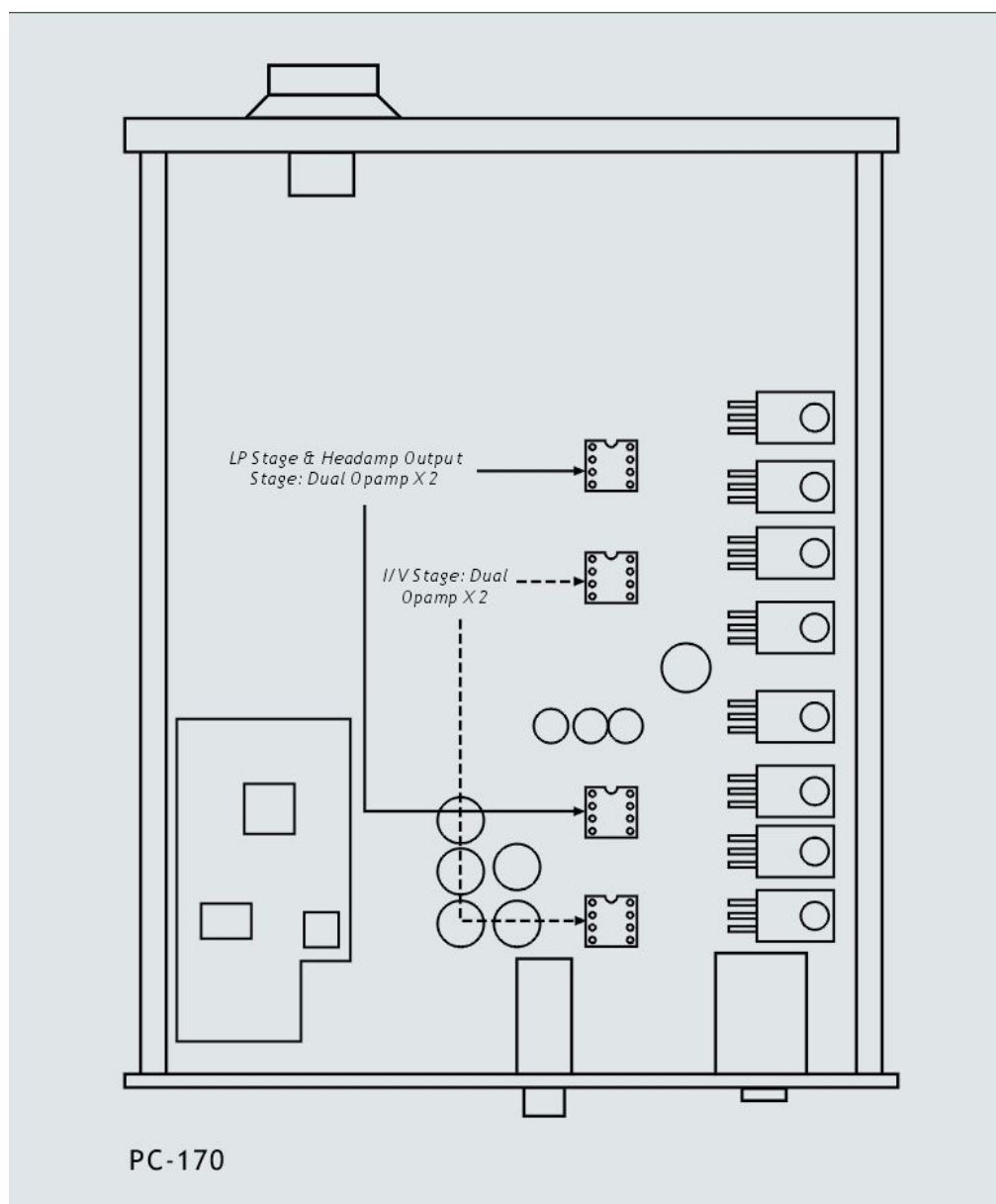
INPUT :	USB-F / USB-B* / OPT
OUTPUT :	HEADPHONE* / PRE OUT
HP OUTPUT:	HIGH* / LOW
FIR FILTER:	BRICKWALL / CMFR / RESERVED / AP FAST* / MP SLOW / MP FAST / LP SLOW / LP FAST
DPLL (DSD):	DPLL OFF / LOW / MID / HI*
DPLL (PCM):	DPLL OFF / LOW / MID / HI*
DE-EMPHASIS:	ON* / OFF
RESTORE SETTINGS:	YES / NO

* Default selection marked with*

Opamp Change & Upgrade

The Burson Playmate allows opamp changing to customise its sound to the owner's preference. When changing opamps, please be aware of the following:

1. The opamp power supply voltage in the Burson Playmate is +/-15V
2. There are 4 dual opamps at various stage of the signal chain.
3. Please refer to the following diagram for the position and correct orientation of the opamps.



The Initial Powering up

Make sure volume control has been turned to minimal when using your Playmate for the first time. Always power on your source machine first and your power amp last. When powering down your system reverse the steps.

Free Warranty Extension

All Burson Audio products are covered by 24 months of warranty (See conditions below). You can extend the warranty to 5 years by register your Playmate unit on our warranty page:

<https://www.bursonaudio.com/warranty/>.

Warranty Conditions

Burson Audio warrants that this product shall be free from defects in materials and workmanship for: The warranty period begins at the date of sale and is subject to the following requirements and understandings:

1. This is a non-transferable warranty.
2. This product is only warranted in the country of original sale by Burson / authorised dealer.
3. The product must not have been modified in any manner whatsoever, or the warranty is immediately voided.
4. The product must not have been stored in a humid, damp environment; nor subjected to weather, water, or salt spray.
5. During the warranty period, Burson will replace a defective Burson Playmate with a similar available product, at no cost to the owner for labour, materials, and shipping charges from Burson.
6. Burson shall not, under any circumstances, be liable for any incidental or consequential damages arising from the loss of property or other damage or losses due to the failure of a Burson Playmate. Burson will not pay for loss of use or inconvenience caused by the failure of a Burson Playmate. Burson will not pay for damage caused to other audio components caused by the failure of the Burson Playmate within the limits allowed by Australian Law.
7. The compatibility between our USB receiver and your computer is dependent on software drivers provided to Burson by the USB chip manufacturer. Therefore Burson cannot guarantee the compatibility of our USB receiver during or after the warranty period.