ORACLE AUDIO

THE FINE ART OF PLAYING MUSIC

Oracle Audio Technologies
Paris PH100 Phono Preamplifier
Owner's Manual

FOREWORD

We would first like to thank you, and this from the whole team at Oracle Audio, for purchasing our Paris PH100 phono preamplifier !

This is your Paris PH100 Owner's Manual. The following pages will describe the key features, connectivity and safe operation of your new phono preamplifier. Although some operations are self explanatory, we strongly suggest you read this booklet to better understand the importance of the different key adjustments.

FOR YOUR RECORDS

Paris PH100 Serial Number: _____

Dealer's Name: _____

Dealer's Address: _____

Dealer's Phone: _____

Purchase Date: _____

We suggest you keep your sales slip together with this owner's guide as it stands as your proof of purchase which is essential for the validation of your warranty.

CAUTION	AVIS
RISK OF ELECTRICAL SHOCK DO NOT OPEN	**RISQUE DE CHOC ÉLECTRIQUE NE PAS OUVRIR**
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.	ATTENTION : POUR RÉDUIRE LE RISQUE DE DÉCHARGE ÉLECTRIQUE, NE RETIREZ PAS LE COUVERCLE (OU L'ARRIÈRE). IL NE SE TROUVE À L'INTÉRIEUR AUCUNE PIÈCE POUVANT ÊTRE RÉPARÉE PAR L'USAGER. S'ADRESSER À UN TECHNICIEN COMPÉTENT.

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Features

Input / Output

There is one input (R & L) and one output (R & L) using RCA connectors.

RIAA Equalization

The RIAA circuit is designed by following the true RIAA standard.
The accuracy of RIAA standard curve is +/- 1dB.

Important information

It is imperative to always turn off the PH100 before making changes to the loading settings and it should even be unplugged from the wall outlet. Turning off the amplifier or setting it on a different input than the one where the PH100 is connected is also a good precaution to take.

Jumper-selectable gain setting

The Oracle Paris PH100 phono preamplifier has 3 gain settings. The gain must be adapted to match your cartridge's output with the input of your PH100 to provide an optimal volume level and to prevent any overloading which would cause distortion. Those settings are done by changing the position of a specific jumper as indicated in the diagram on page 5 of this user manual.

The different gain levels are 41.5dB, 52dB or 62dB.

Jumper-selectable load impedance setting

The Oracle Paris PH100 phono preamplifier allows 5 different impedance settings. The impedance is modified by changing the position of specific jumpers on each stereo channel as indicated on the diagram on page 5.

-For **MM** phono cartridges (moving magnet) use the 47k Ohms load impedance (standard).

-For **MC** phono cartidges (moving coil) you can choose an impedance of 100, 200, 511, 1k and 1.5K ohms.

Fixed value capacitance

-The 47k Ohms setting is coupled with a fixed capacitive charge of 150pF.
-There is no capacitive charge for the moving coil resistive load settings.
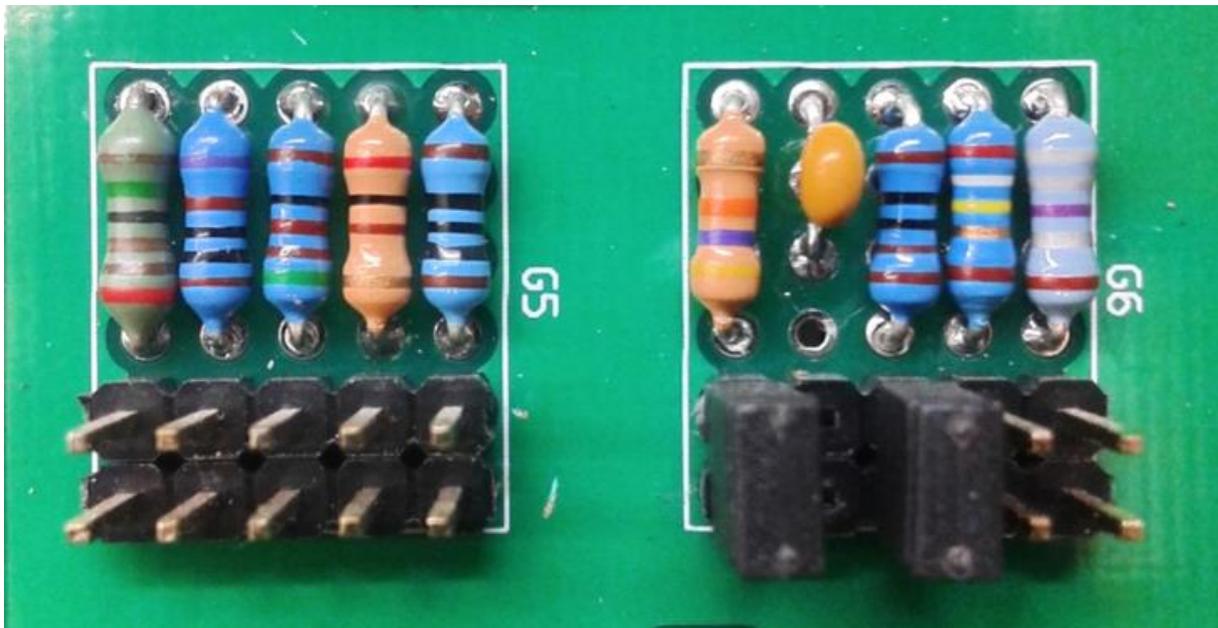-The default factory gain setting is set at 41.5k with a resistive load of 1k Ohms.

Gain and Impedance setting

Moving Magnet :   Use the standard 47k Ohms impedance jumper at position **R6.** Use 41.5dB gain setting with a jumper at position **R7**. This is the setting is shown in the diagram below. When using a **MM** cartridge there are no jumpers installed on **R1**, **R2**, **R3**, **R4** or **R5**.

Moving coil :   Use either **R1**, **R2**, **R3**, **R4** or **R5** setting to match as close as possible your phono cartridge specification..For low output **MC** (under 1.0mV) we suggest using **R9** for a 62dB gain. For **MC**s with output between 1,0mv to 3.0mV we suggest to use the 52dB gain at position **R8**. For **MC**s with output higher than 3.0mV use the 41.5dB gain of position **R7**. You should always aim at using the lowest gain setting possible on the PH100 for a comfortable listenning volume.

Right channel shown, apply identical setting to the left channel

R1   R2   R3   R4   R5   **R6   C1   R7   R8   R9**

Legend:

Moving Coil resistive load settings	Moving Magnet (R6) & Gain settings
R1 = 1.5k Ohms	R6 = 47k Ohms - Moving Magnet Default
R2 = 1k Ohms	C1 = No connections, 150pF
R3 = 511 Ohms	R7 = Gain 41.5 dB, MM & High Output MC
R4 = 200 Ohms	R8 = Gain 52 dB, MC
R5 = 100 Ohms	R9 = Gain 62 dB, low output MC

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CONNECTION PROCEDURE

Ground connection

The knurled nut connection post between the INPUT and the OUTPUT is to be linked with your tonearm / turntable's ground lead.

Input RCA connectors

Connect the leads coming from your tonearm to the R & L "INPUT" of the PH100.

Note : The audio interconnect cables required for this connection are not included.

Output RCA connectors

Connect the RCA interconnect leads from the R & L "OUTPUT" of the PH100 to an auxiliary INPUT of prepreamplifier or integrated preamplifier. Do not connect to a turntable INPUT because this could be linked to an internal phono preamplifier section of your integrated preamplifier.

Important note : The PH100 always has to be connected to an auxiliary input. **Never hook up the PH100 into a phono input on your amplifier or preamplifier.**

AC Power

Connect of the supplied power cord to an AC wall outlet.

OPERATING INSTRUCTIONS

Operating your audio system should always be done by following an orderly ritual both when powering it up or powering it down. We suggest you always begin by powering up the phono preamplifier first followed by the pre-preamplifier then the preamplifier section after a moment. Following this procedure will prevent hearing a loud thumping sound generated by source components as they charge up their electronics. Powering down your sound system should always be done by beginning with preamplifier, pre-preamplifier to then finish with the phono preamplifier.

Always operate your Oracle PH100 phono preamplifier in a well ventilated area to avoid overheating. Phono preamplifiers are very sensitive to their electromagnetic environment and it is recommended to position your Paris PH100 as far as possible from your preamplifier and other high voltage equipment or wires. Proximity to such devices can create "HUM" noise. Such noise could definitely pollute the audio signal noise and lessen the sonic performance of the Paris PH100 thus adversely impact your musical experience.

SPECIFICATIONS

Frequency Response :	20Hz - 20KHz @ +/- 1dB
Total Harmonic Distortion :	< 0,05% @ 20Hz – 20kHz
Moving Coil impedance settings :	100, 200, 511, 1k, 1.5K and 47K Ohms
Moving Magnet impedance setting :	47k Ohms
Input Capacitance MM :	150pF
Input sensitivity :	0,3mV and up
Gain MC :	41.5db, 52db, 62db
Gain MM :	Must be set at 41.5 dB & 47k Omh
Signal to noise ratio :	> -80dB
Dimensions :	9.5" X 12.25" X 2.25"

WARRANTY

Your new Oracle Paris PH100 carries a transferable, 2 year parts and labor limited warranty against operation defects under **"normal use"** or manufacturing defects. Oracle Audio Technologies will repair the defective item within this warranty period. The original bill of sale from an authorized dealer or distributor is required for any warranty repair. If the original bill of sales cannot be shown as a legitimate proof of purchase date then the serial number will be used to determine the ship date from the factory and the warranty coverage will be 2 years and 6 months from the shipping date from the factory.

Explanation of the term "normal use" :

- Using the PH100 for the application it was designed which is as a phono amplifier.
- The unit has been connected rigorously according the information supplied in the owner's manual.

Maintenance and service :

Any repair and/or modification done to the PH100 must be carried by an Oracle Audio authorized service center or directly at the Oracle Audio factory. For more information please contact your dealer, distributor or contact us directly at Oracle Audio.

Any repair and / or modification done to your PH100 without prior authorisation from Oracle Audio will void the warranty.

We are confident your new Oracle Audio product will give you many years of enjoyment and satisfaction

*You are now ready for the real and only purpose of all this...
to sit down, relax, and enjoy the Fine Art of Playing Music*

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WARANTY REGISTRATION CARD

Oracle Paris PH100 ; serial number : _____

Dealer's name: _____

Dealer's address : _____

Dealer's phone number: _____

Your name: _____

Your address: _____

Telephone : _____ E-mail :_____

Date of purchase: _____