



# ORPHEUS THREE

## USER MANUAL



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# INTRODUCTION

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## UNPACKING

First check and identify the contents of your Orpheus Three package, as listed below :

- Orpheus Three power amplifier
- CD manual

If any item should be damaged or missing, please inform your supplier without delay.

Keep the packing materials, you may need it to transport the unit in the future.

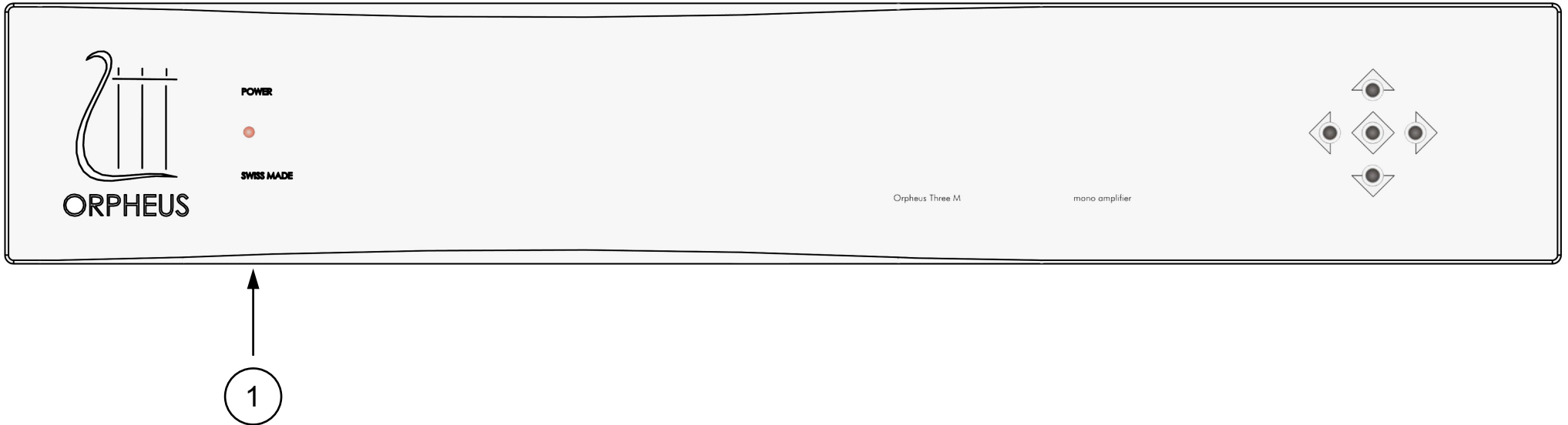
## READ THIS BEFORE OPERATING YOUR UNIT

- Please read this manual carefully, to assure proper operation and the best possible performance.

- Switch off the unit before connecting or disconnecting any input or output wire.
- Do not touch the inner pins of rear-panel connectors, electrostatic discharge may cause permanent damage to the unit.
- Choose the installation location for the unit carefully. Avoid placing it in direct sunlight or close to a source of heat. Avoid also locations subject to vibration and excessive dust, heat, cold or moisture.
- To reduce the risk of fire or electric shock, do not expose the unit to rain or moisture.
- Do not use force when operating switches, knobs and other controls.
- Do not open the chassis or attempt to make repairs by yourself, as this may result in damage to the unit or electrical shock. If a foreign object should get into the unit, contact your local dealer.
- When planning not to use the unit for a long period of time, it is advisable to disconnect the power plug from the wall outlet.
- The power switch does not disconnect the complete unit from the main line.
- To prevent lightning damage, disconnect the power plug when there is an electrical storm.
- When moving the unit, be sure to first disconnect the power plug and all wires connected from the unit to other equipment.
- When disconnecting the power plug from the wall outlet, always pull directly on the plug, never pull the cord itself.
- Do not attempt to clean this unit with water or chemical solvents, as this may damage the unit or the finish. Use a clean, dry cloth.
- Keep this manual in a safe place for future reference.

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## FRONT PANEL



### 1. MAIN POWER INDICATOR

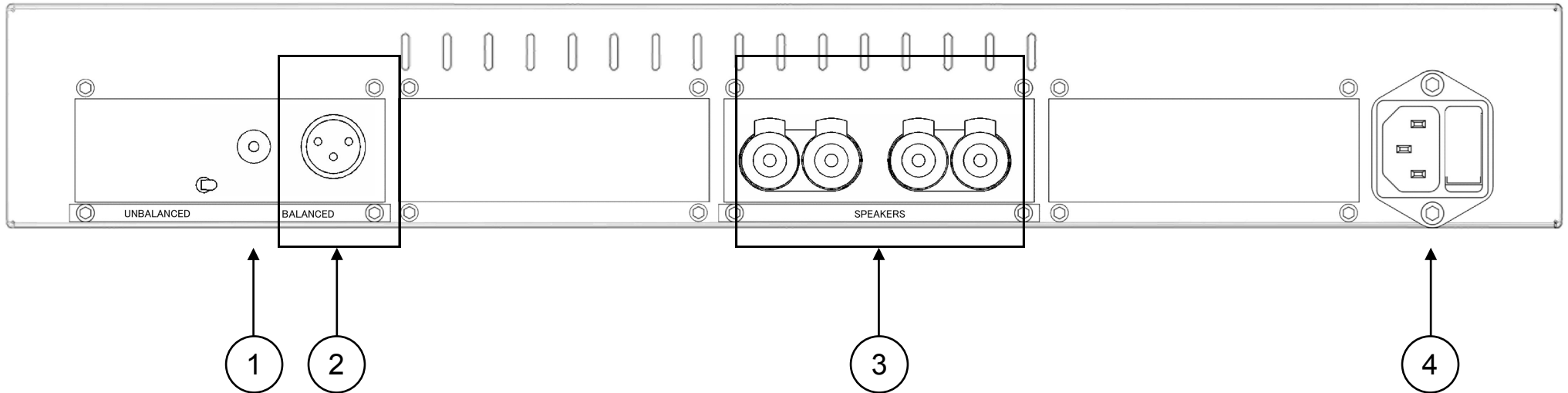
Lights red when the unit is switched on and operating.

Blinks red during the self-test procedure (approximately 2 seconds) after switching on the unit.

Indicator light is off when the unit is switched off.

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## REAR PANEL - MONO



### 1. INPUT SELECTOR SWITCH

Press the switch either to the left to select the unbalanced input or to the right to select the balanced input.

### 2. INPUT

Balanced and unbalanced input connectors.

### 3. OUTPUT

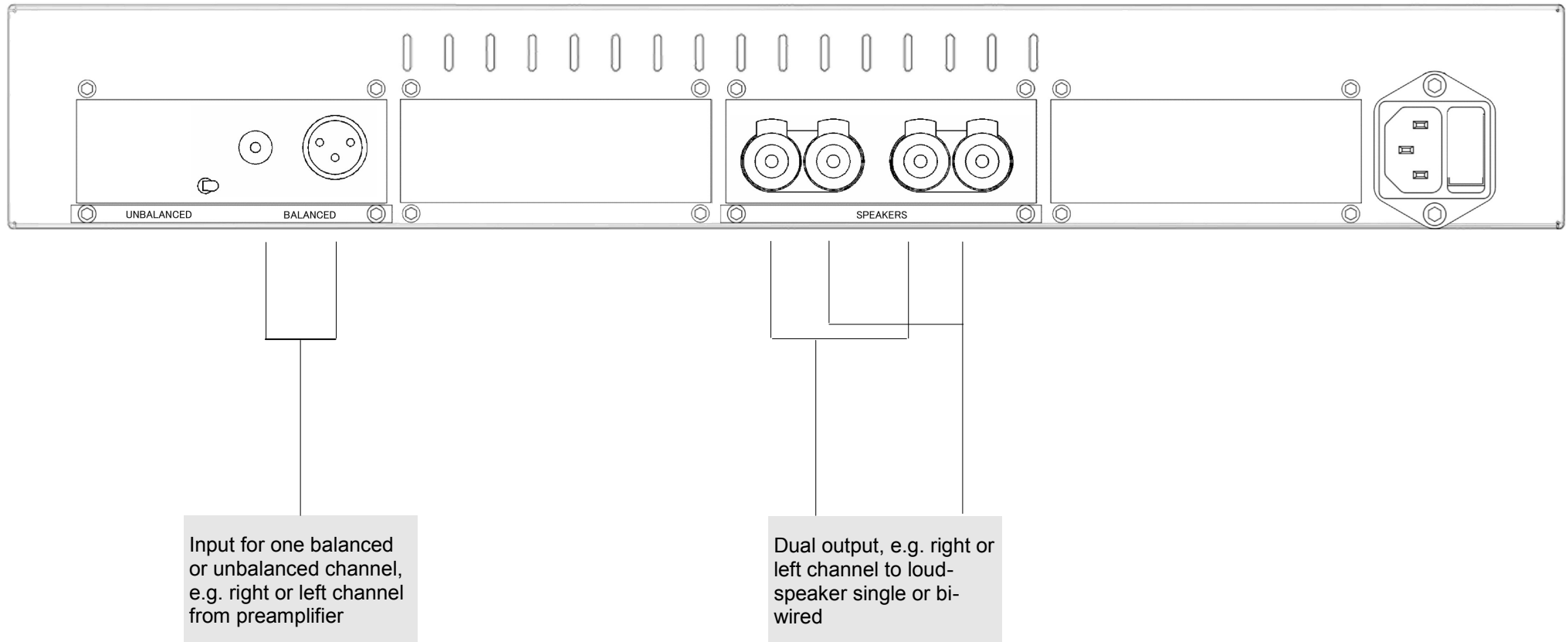
Dual output connectors in parallel.

### 4. POWER SUPPLY

Power cord connection.

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## CONNECTIONS - MONO



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## OPERATIONS/ SPECIFICATIONS

### QUICK GUIDE

#### CONNECTION

Connect the input cable from the preamplifier first, followed by the output cable to the loudspeakers, and finally the power cord.

#### INPUT FORMAT

Select either the unbalanced input on RCA connector or the balanced input on XLR connector by flipping the switch left or right respectively.

#### POWER ON

Flip the main power switch on the left of the unit from 0 to I.

The main power indicator on the front panel will light red when ready for operation.

### TECHNICAL DATA - ORPHEUS THREE M

Max Power : 180 W RMS

Sensitivity : 1 V RMS for an 8Ω load

Voltage gain

+ 39.70 or + 32.00 dB @ 16Ω load

+ 34.40 or + 30.70 dB @ 8Ω load

+ 27.10 or + 28.70 dB @ 4Ω load

+ 17.20 or + 24.70 dB @ 2Ω load

Measure reference : 1W in an 8Ω load = 0dBr

THD+N @ 0dBr : 0.007%

THD+N @ -30dBr : 0.070%

THD+N @ -60dBr : 1.700%

Dynamic range : 95dB

Signal/noise ratio : 95dB

Residual noise: 46μV RMS (A-weighted)

Measure reference : 30W in a 4Ω load = 0 dB

THD+N @ 0dB : 0.006%

THD+N @ -30dBr : 0.016%

THD+N @ -60dBr : 0.350%

Dynamic range : 109dB

Signal/noise ratio : 109dB

Residual noise: 38μV RMS (A-weighted)

Idle Power from main: 27 W RMS

Max Power from main: 350 W RMS

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# OPERATIONS

## COMMENTS

Constructive feedback is always welcome.

Please feel free to forward us your comments at the address listed below or to your local dealer or distributor.

## TECHNOLOGY & DESIGN

The unit has been entirely manufactured and assembled in Switzerland; conceived by Orpheus Media Sàrl and designed by Chiarini Design.

## IMPORTANT NOTICE

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September 2011 - rev. 1