

LUXUS Audio

Rossini

Preamplifier Board + Remote Controller

User's Guide

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Chapter 1 – Overview

Welcome to use our Rossini Preamplifier board by Luxus Audio. It integrates a PT2037 high performance audio processor.

It integrates four channel input:

1. RCA Analog
2. RCA S/PDIF
3. Jack Analog
4. Bluetooth 4.0

High quality resistors and capacitor, including X7R ceramic capacitors and lower ESR electrolytic capacitors, are used to obtain better sound, high S/N ratio, low THD+N, wide frequency response range.

Specification

Typical voltage	12V
Max voltage	19V
Max current	0.3A
Frequency Response	20 – 20kHz (+- 3dB)
THD	0.07%
S/N	90dB
Input sensitivity	2.5Vrms
Bluetooth range	>15m

Features

- PT2037 is an high quality multiple function signal processor
- S/PDIF input with WM8804 transceiver
- Remote controller
- Remoting connection wires by Raster connectors
- Standby mode
- Automatic saving of last channel and volume configuration

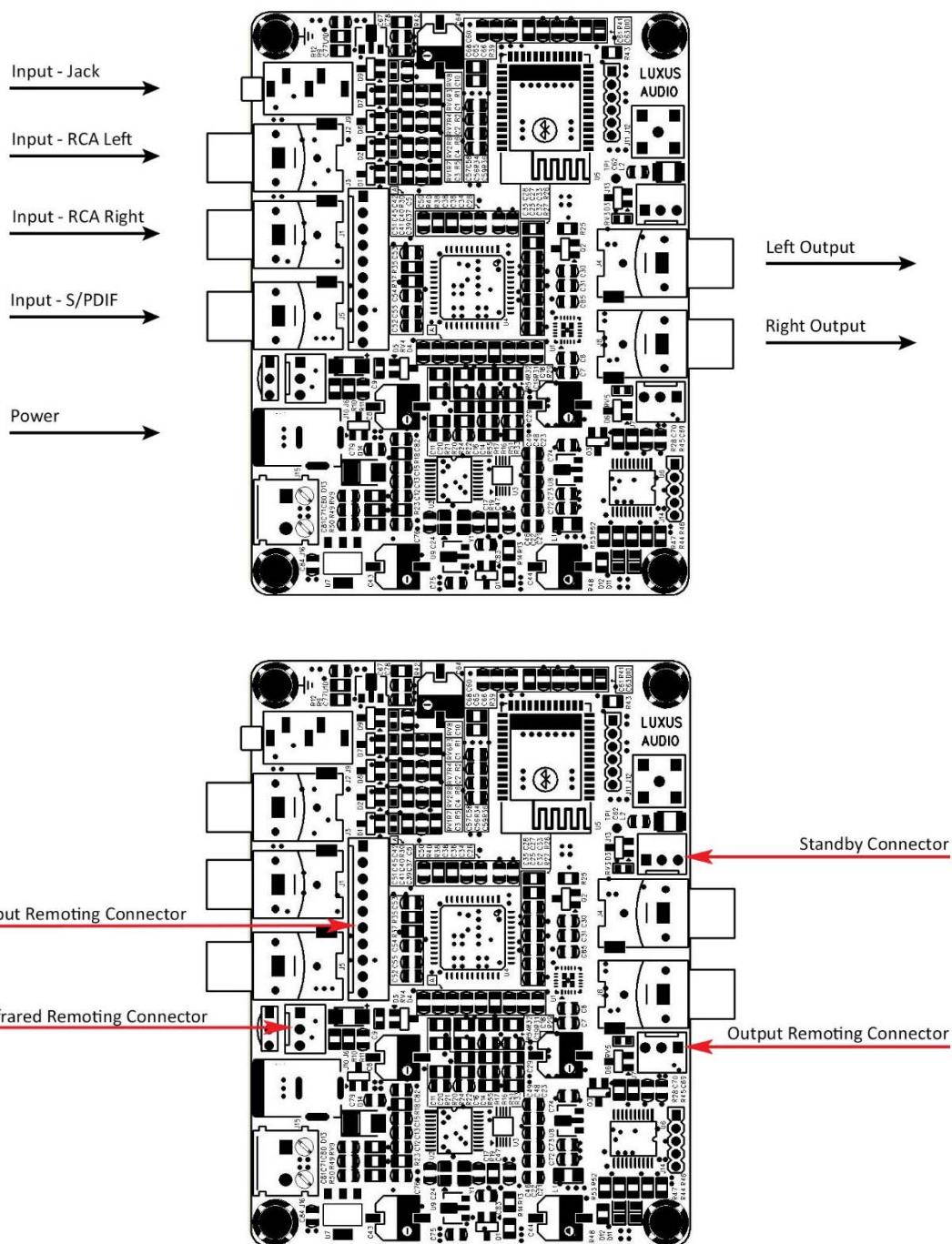
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Before starting, check that all the following items have been included in the package. If anything is missing, contact your dealer.

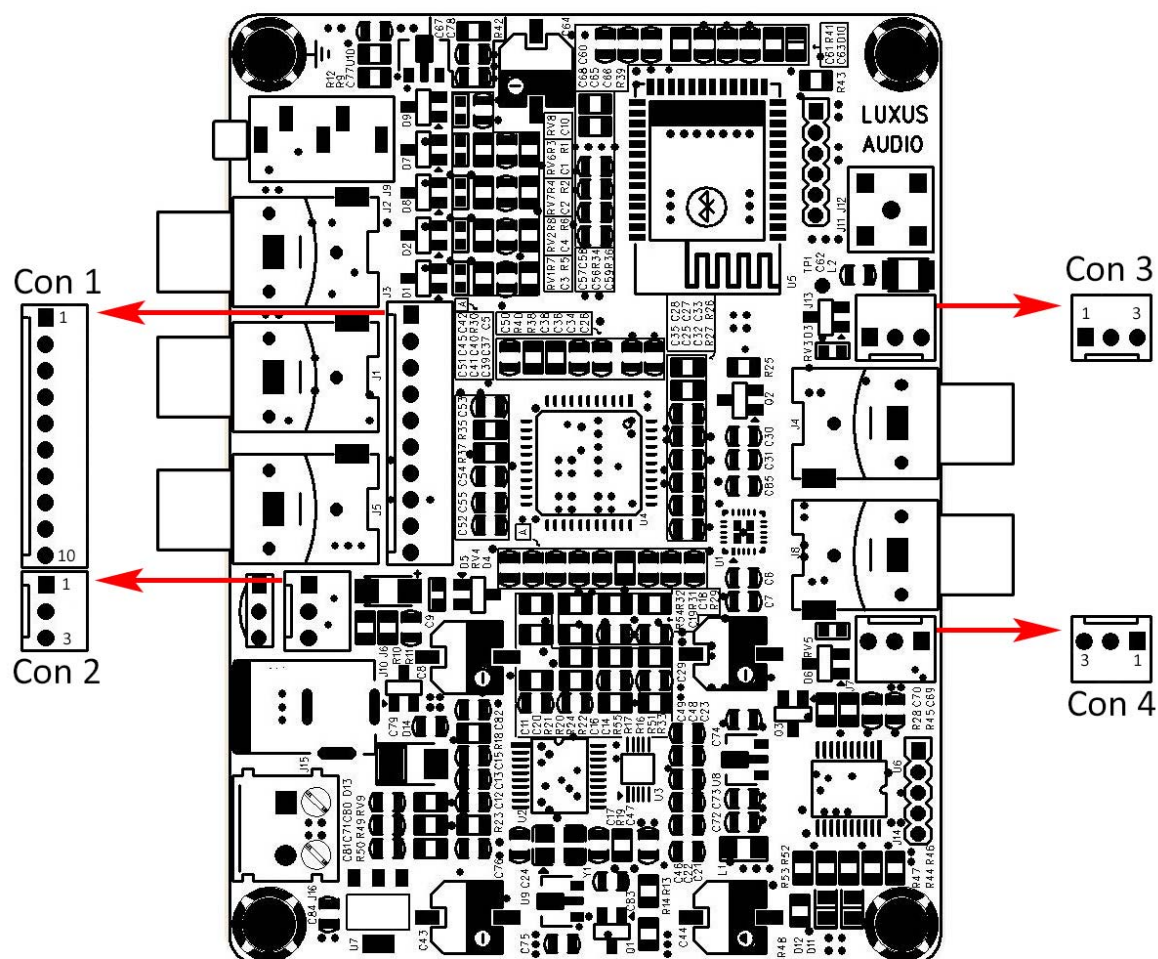
1. Rossini Board
2. Remote Controller
3. Infrared sensor

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Chapter 2 – Connections



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Con 1: (input)

- 0 – HPIN (Jack logic signal)
- 1 – SGND (Jack GND)
- 2 – CH2L (Jack left channel)
- 3 – CH2R (Jack right channel)
- 4 – CH1R (RCA right channel)
- 5 – CH1L (RCA left channel)
- 6 – SGND (RCA GND)
- 7 – GND
- 8 – SPDIF
- 9 – GND

Con 2: Infrared

- 0 – OUT
- 1 – GND
- 2 – VCC

Con 3: Standby

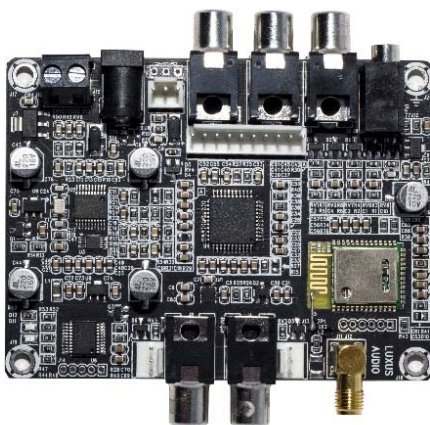
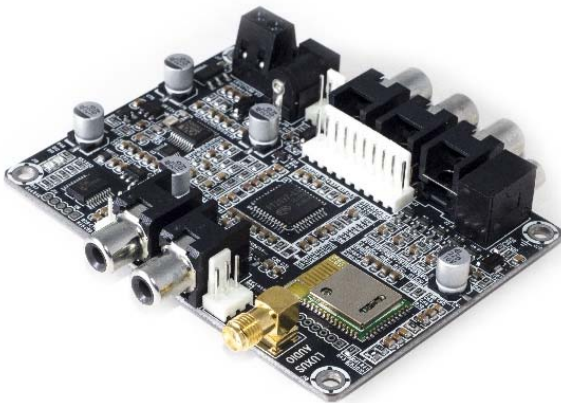
- 0 – GND
- 1 – S
- 2 – GND

Conn 4: OUT

- 0 – Left
- 1 – GND
- 2 – Right

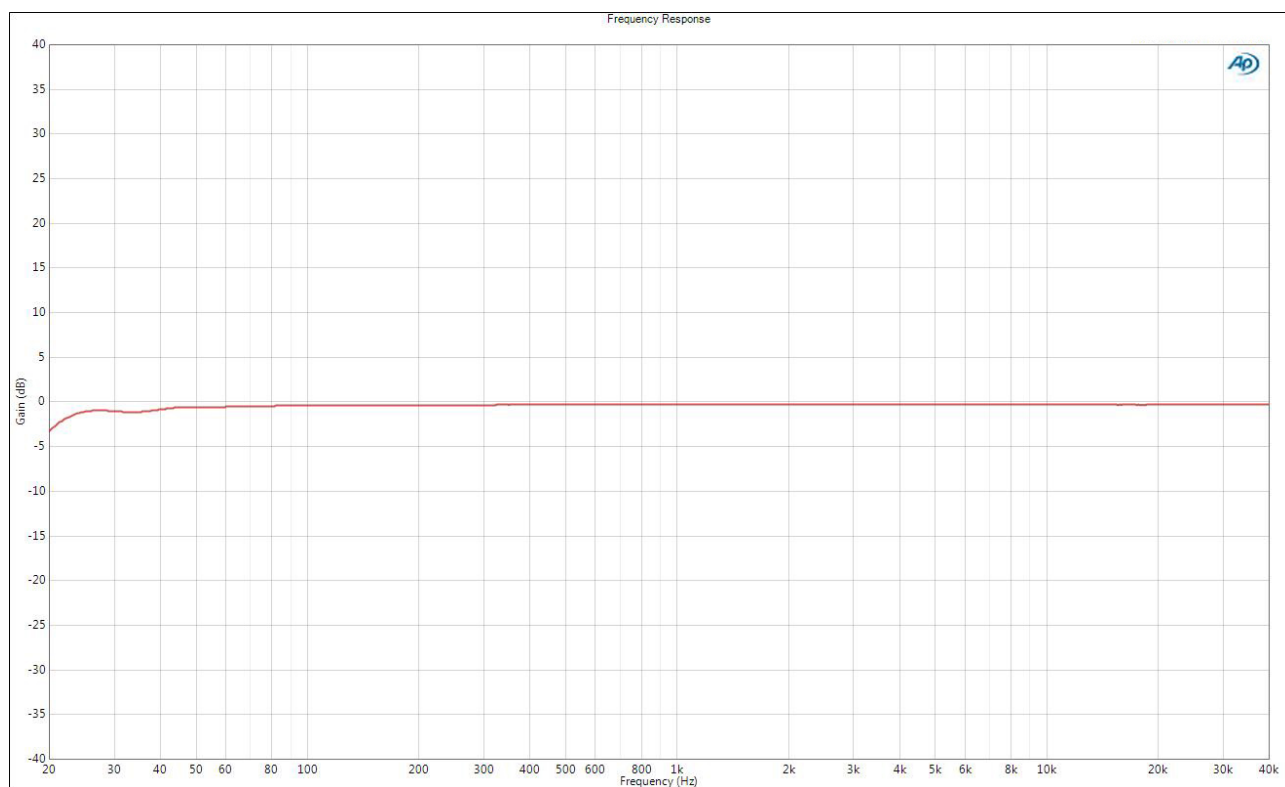
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Chapter 3 – Photos



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Chapter 4 – Frequency Response



Chapter 5 – Dimensions

