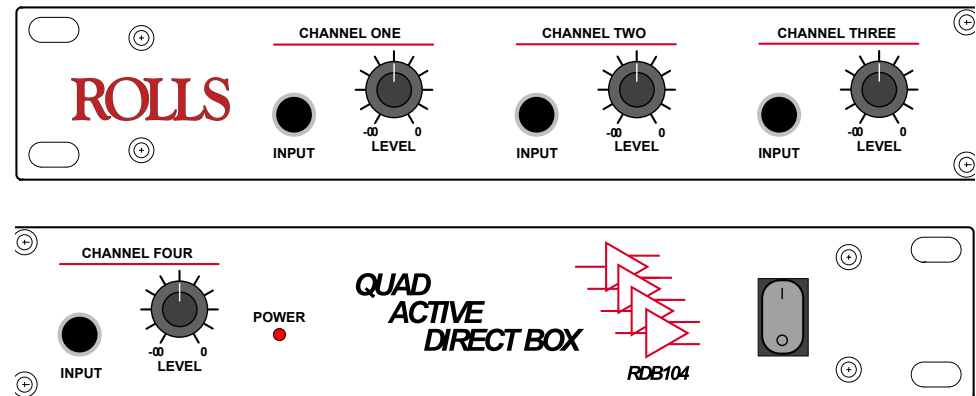


ROLLS

RDB104

Quad Active Direct Box



SPECIFICATIONS

Input Impedance:	100 k Ω
Output Impedance:	100 Ω balanced
Max. Output Level:	+22 dB (Pad out)
Gain:	- ∞ to 0 dB
Dimensions	1.75" X 6" X 19" (89mm X 162mm X 482mm)
Weight	6 lbs. (2.72 Kg)
Power	120VAC (230VAC) 15VA

ROLLS

ROLLS CORPORATION
SALT LAKE CITY, UTAH
8/00

Quick Start Guide

INTRODUCTION

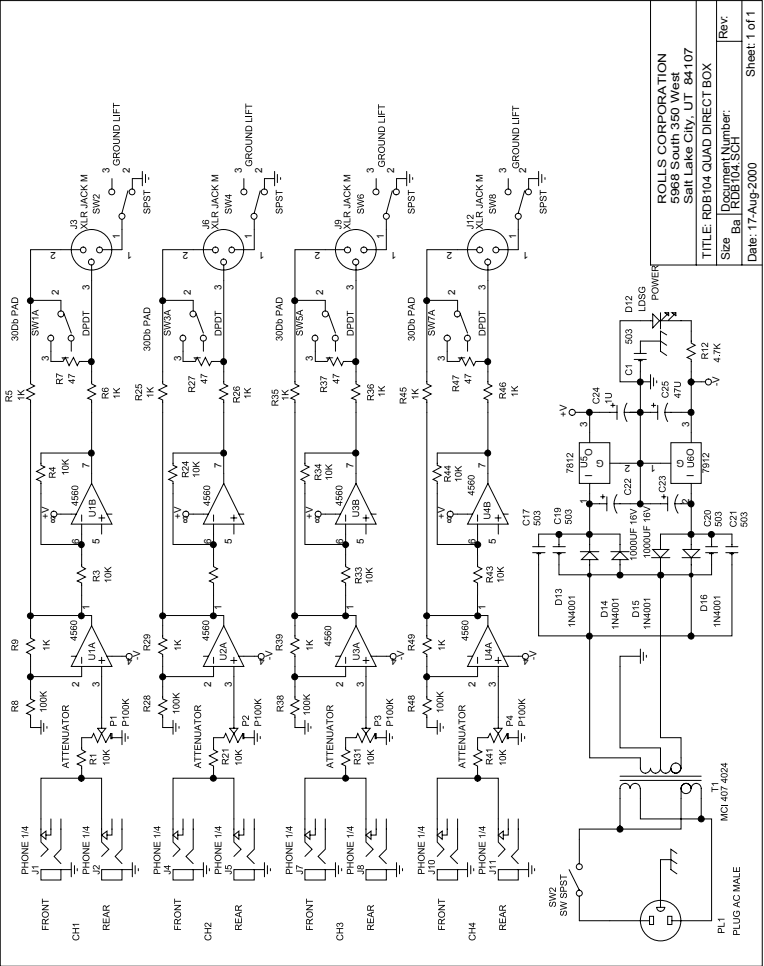
Thank you for your purchase of the ROLLS RDB104 Quad Active Direct Box. The RDB104 is an active impedance matching device with the added benefit of a variable level control. Its four channel design is ideal for a variety of applications including musicians, studios, and sound contractors. It is designed and manufactured carefully to provide years of long-lasting service. Please read the following manual carefully to ensure proper operation, and enjoy your new RDB104.

INSPECTION

1. Unpack and inspect the RDB104 box and package.
If obvious physical damage is noticed, contact the carrier immediately to make a damage claim. We suggest saving the shipping carton and packing materials for safely transporting the unit in the future.

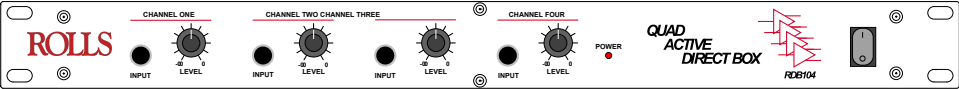
2. Please complete the Online warranty registration at www.rolls.com.

SCHEMATIC

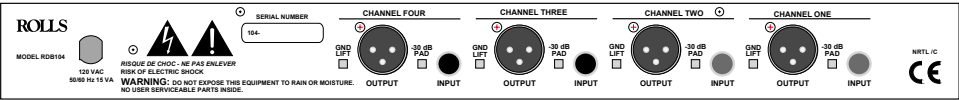


DESCRIPTION

FRONT PANEL
NOTE: CHANNEL ONE THROUGH FOUR DESCRIPTIONS ARE IDENTICAL.
INPUT: 1/4" unbalanced jack for connection to an unbalanced, usually line-level, signal.
LEVEL: Varies the amount of input signal from -infinity (off) to 0 dB.
POWER LED: Indicates the RDB104 is connected to an AC outlet and power is applied.
POWER SWITCH: Applies power to the RDB104 when connected to an AC outlet.



REAR PANEL
NOTE: CHANNEL ONE THROUGH FOUR DESCRIPTIONS ARE IDENTICAL.
GND LIFT: Separates pin one of the XLR connector from the circuit ground.
OUTPUT: Balanced XLR jack containing the output signal. Pin 2 is "hot".
30 dB PAD: Pressing this switch in lowers or "pads" the output signal by 30 dB. this provides a way to connect the output of the RDB104 to a mic input on a mixer.
INPUT: 1/4" unbalanced jack (parallels the front-panel Input jack.)



BLOCK DIAGRAM
The diagram shown below represents one channel of the RDB104. All channels are identical.

