

LIMITED WARRANTY

This product is warranted to the original consumer purchaser to be free from defects in materials and workmanship under normal installation, use and service for a period of one (1) year from the date of purchase as shown on the purchaser's receipt.

The obligation of Rolls Corporation under this warranty shall be limited to repair or replacement (at our option), during the warranty period of any part which proves defective in material or workmanship under normal installation, use and service, provided the product is returned to Rolls Corporation, TRANSPORTATION CHARGES PRE-PAID. Products returned to us or to an authorized Service Center must be accompanied by a copy of the purchase receipt. In the absence of such purchase receipt, the warranty period shall be one (1) year from the date of manufacture.

This warranty shall be invalid if the product is damaged as a result of defacement, misuse, abuse, neglect, accident, destruction or alteration of the serial number, improper electrical voltages or currents, repair, alteration or maintenance by any person or party other than our own service facility or an authorized Service Center, or any use violative of instructions furnished by us.

This one-year warranty is in lieu of all expressed warranties, obligations or liabilities. ANY IMPLIED WARRANTIES, OBLIGATIONS, OR LIABILITIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED IN DURATION TO THE ONE YEAR DURATION OF THIS WRITTEN LIMITED WARRANTY. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

IN NO EVENT SHALL WE BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, WHATSOEVER. Some states do not allow the exclusion or limitation of special, incidental or consequential damages so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

DB24 Stereo Direct Interface

- Two channel, transformer isolation device
- Passive - no power required
- Stereo RCA, 1/8" (3.5mm), and dual 1/4 Inputs
- Balanced XLR Outputs
- Ground Lift for each channel
- Individual variable attenuators

The DB24 is an ideal impedance matching device for connecting any unbalanced stereo signal to a balanced system. Consumer audio equipment such as CD players, DVD players, MP3 players, etc., may be easily connected to a professional audio system.

DB24 St. Direct Interface



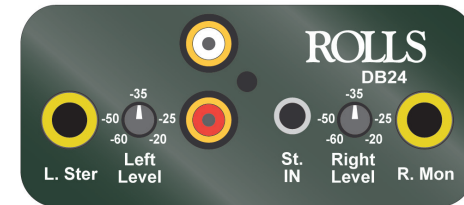
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Rolls Corporation
Salt Lake City, UT
2/07



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DB24 Stereo Direct Interface



SPECIFICATIONS

Input Impedance :	20k - 600 Ohms
Frequency Response:	50 - 15kHz +/- 3 dB
Output Impedance:	600 Ohms
Max Output Level:	+4 dBm
Connectors:	2 ea; XLR Male, 1; Stereo RCA, 1; 1/8" (3.5mm) TRS, 2 ea; 1/4" TRS
Controls:	2 ea; Variable attenuators, 2 ea; Ground Lift switches
Weight:	1.5 lbs.
Dimensions:	3.42" w x 1.45" h x 3.325" d

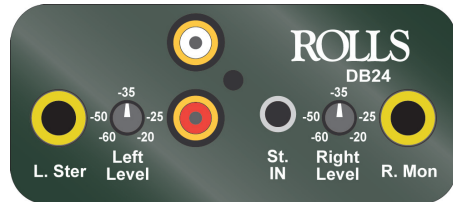
Operations Guide

INTRODUCTION

Thank you for purchasing the DB24 Stereo Direct Interface. This sturdy device is designed and manufactured to the most demanding specifications in order to provide years of faithful service. The DB24 converts high impedance audio signals to low impedance via Rolls proprietary audio transformers, and a variety of inputs.

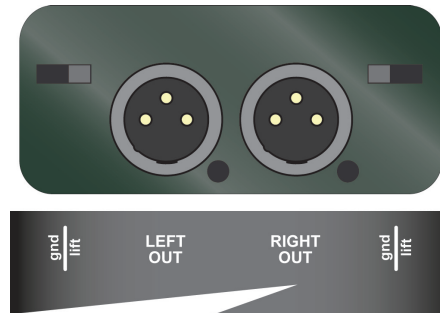
DESCRIPTION

FRONT PANEL



- L. Ster: 1/4" Tip-Ring-Sleeve jack for connection to a "Left" portion of a signal, or a Tip-Ring-Sleeve "Stereo" signal.
- Left Level: Adjusts the input level to the Left channel.
- L & R: Stereo RCA jacks, for connection to an unbalanced stereo signal. Note: The Right and Left jacks may be used individually as well. NOTE: The Red RCA jack connects to the Right Out, and the White RCA jack connects to the Left Out.
- St. IN: 1/8" (3.5mm) Tip-Ring-Sleeve jack for connection to an unbalanced Stereo signal *only*.
- Right Level: Adjusts the input level to the Right channel.
- R. Mon: 1/4" Tip Sleeve jack for connection to the "Right" portion of a stereo signal, or to a "Mono" signal.

REAR PANEL



NOTE: DESCRIPTIONS FOR THE FOLLOWING ARE IDENTICAL FOR THE LEFT AND RIGHT OUTPUTS.

- Ground Lift (Labeled "gnd/lift"): When positioned to the side of the switch labeled "lift", the shield of the XLR plug is separated from the ground pin (pin 1).
- Left/Right OUT: Balanced XLR jacks - for connection to mixer inputs, amplifiers, etc.

CONNECTION / OPERATION

1/4" Jacks: Stereo Operation:

A. Individual Right and Left connections - Connect Tip-Sleeve 1/4" plugs to the Right and Left Input jacks.

B. Stereo Tip-Ring-Sleeve connection - Connect a Tip-Ring-Sleeve 1/4" plug to the Left/Stereo Input jack. **IMPORTANT NOTE: Connecting a Tip-Sleeve MONO plug into this jack, with nothing connected to the Right/Mono Input will result in the Right/Mono Input being shorted to ground.**

1/4" Jack: Mono Operation: Connect a Tip-Sleeve Mono plug to the Right/Mono Input.

1/8" (3.5mm) Jack: Connect a Tip-Ring-Sleeve stereo plug into this jack for stereo operation only. **NOTE: Connecting a Tip-Sleeve MONO plug into this jack, with nothing connected to the Right/Mono 1/4" Input will result in the Right/Mono Input being shorted to ground.**

RCA Jacks: Connect Stereo RCA plugs into these jacks for stereo or dual-mono operation.

Connect XLR outputs to the next device in your signal chain.

Adjust the Right and Left Level controls for an appropriate input level. For example, for maximum amount of attenuation (least amount of signal), turn the Level control to -60. For minimum attenuation (maximum signal), turn the Level control up to -20.

SCHEMATIC

