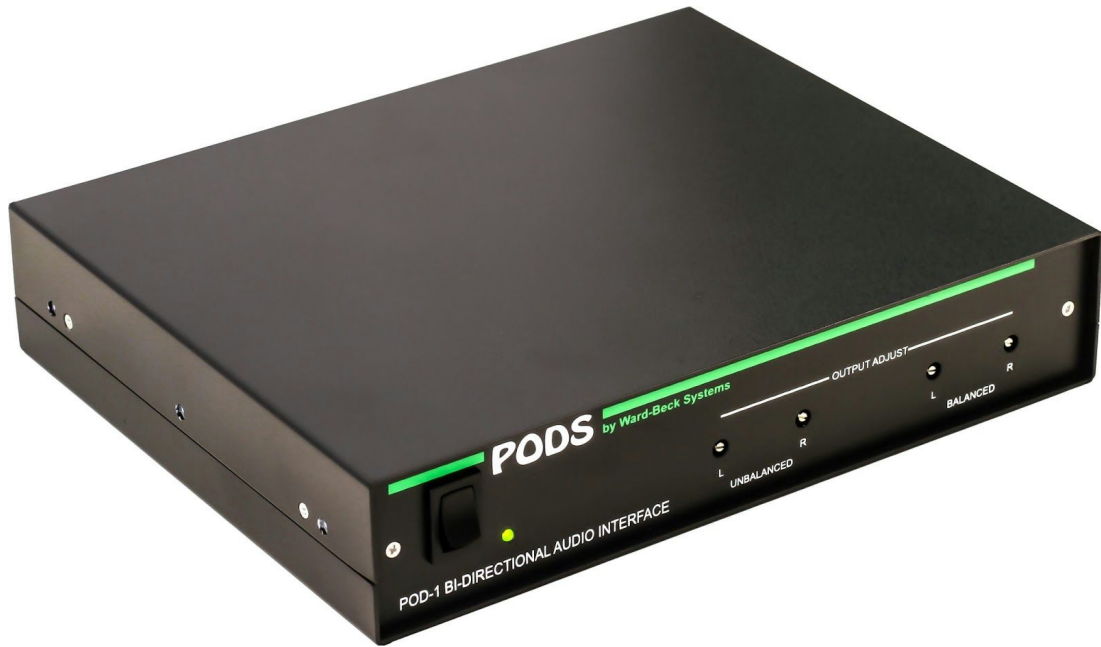


POD1

BI-DIRECTIONAL AUDIO INTERFACE



by Ward-Beck Systems

Rev:Oct.01 2014

POD1

BI-DIRECTIONAL AUDIO INTERFACE

This is one of many in our line of top quality, low-cost broadcast problem solvers. PODS are compact, rugged and affordable. They are suited for tabletop use or rack-mountable singly or in pairs, in any combination.

POD1 is a bi-directional audio interface providing the conversion of a stereo balanced signal to an unbalanced signal and vice versa. POD1 allows the use of low cost consumer grade record/playback equipment in a professional environment, through impedance matching and level control.

Front panel trim control lets the user match, record, and playback levels of consumer equipment to the professional standards employed.

Connections to POD1, on the rear panel, are female and male XLR 3 type for the balanced inputs and outputs, and RCA phono jacks for the unbalanced inputs and outputs.

SPECIFICATIONS
(Balanced to Unbalanced Conversions)

Gain Range	-19 dB to -2 dB
Frequency Response	±0.2 dB, 20Hz to 20kHz
Noise	better than -92 dBu, 20Hz to 20kHz @ -10dB
THD + Noise	better than 0.01%, 20Hz to 20kHz
Maximum Output	+22 dBu
Maximum Input	+26 dBu
Input Impedance	30kΩ, balanced
Output Impedance	30Ω, unbalanced
CMRR at 60Hz	better than -70 dB

(Unbalanced to Balanced Conversions)

Gain Range	+10 dB to +25 dB
Frequency Response	±0.2 dB, 20Hz to 20kHz
Noise	better than -80 dBu, 20Hz to 20kHz @ +10dB gain
THD + Noise	better than 0.01%, 20Hz to 20kHz
Maximum Output	+28 dBu
Maximum Input	+20 dBu
Input Impedance	47kΩ, balanced
Output Impedance	60Ω, balanced

Power Requirements	100-240 VAC, 50-60Hz
Dimensions	8.69" wide x 1.73" high x 7.0" deep (221mm x 44mm x 178 mm)
Weight	1.37 kg (3.01 lbs)

Ward-Beck Systems Ltd. reserves the right to change performance specifications without prior notice.

WARRANTY

All Ward-Beck Systems Ltd. products are warranted against defective materials and workmanship for a period of one year from the date of shipment.

Ward-Beck Systems Ltd. will repair or replace, at its option and without charge, all said products or parts thereof which upon factory inspection prove to be defective during the warranty period, provided that:

1. The original serial numbers are intact and have not been tampered with.
2. The purchaser shall return any equipment or parts thereof to Ward-Beck Systems Ltd. only after obtaining prior authorization and shipping instructions from the factory. (Ward-Beck Systems Ltd. reserves the right to inspect or repair equipment on the purchaser's premises).
3. The purchaser assumes the obligation for all expenses in connection with the shipping and return of such goods, once authorization has been obtained.

This warranty does not cover items normally considered expendable, such as fuses and lamps.

This warranty does not cover damages caused by misuse, accident, neglect, unauthorized alteration, repair by unauthorized personnel, or damage caused by an act of God, war, or civil insurrection.

In no event shall Ward-Beck Systems Ltd. be liable for consequential damages. Ward-Beck Systems Ltd. shall have the rights to final determination as to the application of this warranty.

Ward-Beck Systems Ltd. reserves the right, at any time and without notice, to make changes in its equipment, components, specifications or designs, as may be warranted by progress in state-of-the-art technology.

Ward-Beck Systems Ltd. reserves the right to make design changes, additions to, and improvements in its products, without obligation to install such revisions in products previously manufactured.

The warranty set forth herein is in lieu of all other warranties expressed or implied, including the warranties of merchantability and fitness.

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