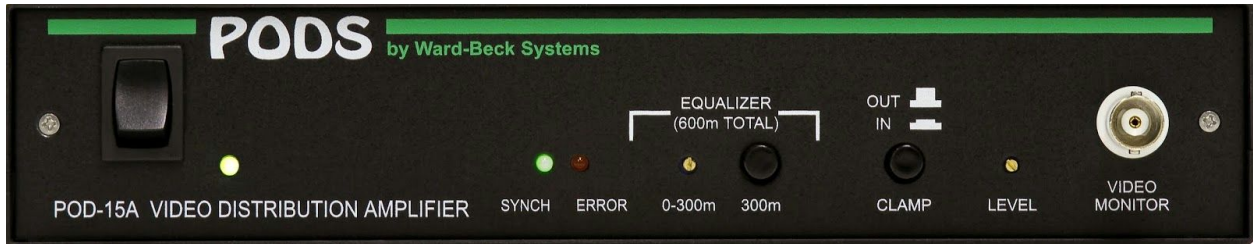
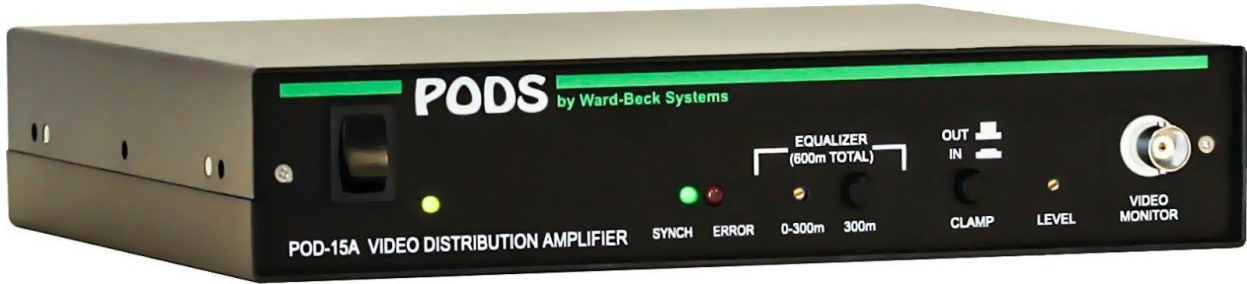


POD15A

ANALOG VIDEO DISTRIBUTION AMPLIFIER



By Ward-beck Systems

Rev:Oct.01 2014

POD15A

ANALOG VIDEO DISTRIBUTION AMPLIFIER w/DIFFERENTIAL INPUT, CLAMPING AND CABLE EQUALIZATION

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 tabletop use or rack-mountable singly or in pairs, in any combination.

POD15A is a one by six video distribution amplifier with a differential looping input. A trim control allows adjusting the level of the outputs by ± 3 dB. It also features an adjustable 0-300m equalizer as well as a fixed 300m equalizer which enables a maximum of 600m equalization. It also provides a clamping function which can be in or out of the circuit.

All the controls for POD15A are accessible on the front panel of the device alongside two LED indicators that will show if a valid input signal is present (SYNCH) or not present (ERROR). All the inputs and outputs are made on BNC connectors on the rear panel. The input is high impedance looping while the outputs are 75 ohm. If the loop out is not used the unused input BNC must be properly terminated to 75 ohm. POD15A also has an additional split output on the front panel for ease of access and monitoring purposes.

SPECIFICATIONS

| | |
|-------------------------------|--|
| Input Impedance | HiZ looping |
| Input Level | 1Vp-p, nominal |
| Input Return Loss | 46dB Typical, @ 3.58M |
| Output Impedance (6+1 splits) | 75 ohm |
| Output level | 1Vp-p, terminated |
| Response | better than 0.05 dB @ 3.58M |
| Differential Gain | better than 0.15% @ 3.58M |
| Differential phase | better than 0.15 deg @ 3.58M |
| S\N | better than 60dB, 5MHz B.W. |
| Power Requirements | 100-240 VAC, 50Hz-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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