

microAMP

MINIATURE 30 WATT CLASS D AMPLIFIER WITH DIGITAL INPUT



by Ward-Beck Systems

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This is one of many in our line of top quality, low-cost broadcast problem solvers. The microAMP is compact, rugged and affordable.

The microAMP 30 Watt Class D Amplifier With Digital Input is part of Ward-Beck's microPOD series of top quality, low-cost problem solving audio solutions. The microAMP is designed specifically as a 'back-pack' for existing passive monitor speakers when only 110 Ohm or 75 Ohm digital feeds are available. The microAMP mounts directly to the back of your passive monitors offering a cost effective solution when only digital signals are available. Give your existing passive monitors a new lease on life in a digital world. microAMPs are pro audio amplifiers, and are designed for use in studio, pro AV, mobile trucks and other broadcasting environments where quality is essential and budgets are limited.

The microAMP comes designed for both 110 Ohm installations (**microAMP/110**) and 75 Ohm installations (**microAMP/75**).

SPECIFICATIONS

DIGITAL INPUT

	microAMP/75	microAMP/110
Terminal	BNC	3 Pin Terminal Block
Impedance	75 Ohm	110 Ohm Transformer balanced
Level	0.3V p-p to 7V p-p	0.2V p-p to 7V p-p
Sampling Frequency	32KHz to 192KHz	32KHz to 192KHz
Sensitivity	-9dBFS	-9dBFS

DIGITAL OUTPUT

	microAMP/75	microAMP/110
Terminal	BNC	3 Pin Terminal Block
Impedance	75 Ohm	110 Ohm Transformer balanced
Level	2V p-p	2.8V p-p
Sampling Frequency	32KHz to 192KHz	32KHz to 192KHz

POWER AMPLIFIER

Gain	20dB
Output Power	2 x 15W
THD+N	<0.2% @ 5W
Cross Talk	-70dB @ 1W, 1KHz
SNR	-92dB @ 1W, 20-20KHz

GENERAL

Power Requirements	24V DC, 2.5A
Dimensions	4 1/2" x 4 3/8" x 1 3/16" (114 mm x 111 mm x 30 mm)
Weight	0.625 lbs (283.6g)

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

WARRANTY

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

Ward-Beck Systems Inc. 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 Inc. only after obtaining prior authorization and shipping instructions from the factory. (Ward-Beck Systems Inc. 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 Inc. be liable for consequential damages. Ward-Beck Systems Inc. shall have the rights to final determination as to the application of this warranty.

Ward-Beck Systems Inc. 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 Inc. 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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