



# 70 VOLT, 25 VOLT **DUAL ZONE** AMPLIFIER

45 WATTS RMS, SELECTABLE BETWEEN MONO & STEREO

Chose Either Single or Dual Zone Modes

(see Instruction Sheet)

**ADC**

**AUTOMATIC DETECTION CIRCUIT  
TURNS THE AMPLIFIER ON AND OFF**



TO CONSERVE ENERGY

**SMALL SIZE - LIGHT WEIGHT**

Smaller Than two VHS Tapes  
4.3" w x 6.75" d, 1.75" h

MONO STEREO SELECTOR UNBALANCED ZONE 1 IN ZONE 2 IN



ZONE 2 70/25 V OUT ZONE 1 70/25 V OUT

FAN TURNS OFF  
AUTOMATICALLY WHEN  
AUDIO IS NOT PRESENT



## THE AUTOMATIC DETECTION CIRCUIT

This Energy Efficient Amplifier turns itself ON within 2 milliseconds of hearing an Audio Signal. This eliminates any Clipping. If no Audio Signal is detected the Amplifier will automatically go into a "Sleep" mode until a Audio Signal is again applied.

## NEW ADVANCED CIRCUIT DESIGN FOR SUPERIOR SOUND QUALITY

Dual Zone capability allow the Amplifier to be set up with Two totally different Inputs going to two totally different Outputs. Each Zone puts out 22.5 Watts Mono, In Stereo Mode 45 watts to one Zone or 22.5 watts to each Zone. Our Advanced design also allowed us to incorporate an Improved output stage using Tuned Autoformers rather than "Off the Shelf" Transformers for superior Sound Quality.

## MULTIPLE MOUNTING OPTIONS

The Installer is not limited to how and where the Amplifier is placed. Using the Plenum Rated Box allows everything to be hidden in the Plenum or Ceiling Space. For Below Ceiling Installations the Pole Mount Platform with the Amplifier installed takes just over 2.5", allowing the Projector to sit very close to the Ceiling Tiles. Or use the 19" Rack Shelf that holds four Modules for installation into any 19" Equipment Rack.

## SPECIFICATIONS

### AMPLIFIER SECTION

45 watts RMS Selectable Stereo/Mono  
Two Zone Input  
45 watts Stereo to One Zone  
22.5 watts to Two Zones Mono  
15 Hz-22 kHz Frequency Response  
115 dB Dynamic Range  
95 dB Signal to Noise Ratio  
.003 Total Harmonic Distortion

### ADC CIRCUIT

Automatic On 2 milli seconds  
Automatic Off 30 seconds

### TRANSFORMERLESS OUTPUT SECTION

2 70/25v Custom Autoformers (Built In)  
For Superior Performance

### Rear of Unit Connections

Dual or Single Zone  
Selectable Inputs  
Mono/Stereo Switch  
Dual or Single Zone Outputs  
Power Inlet

### DIMENSIONS:

4.3"w, 1.75"h, 6.75"d  
Overall Depth 8" inc Fan  
Weight: 32 ozs

### REQUIRED OPTION

Power Supply UL / CSA Listed  
110v - 12v AC 4.5 Amps



The Pole Mount Platform



The Limpet Alarm System for  
24/7 Set & Protect all your Equipment



Uses 1U Rackspace and holds four Modules



Plenum Equipment Box



Amplifier shown mounted  
on the Projector's Pole

Part # NB-70AMP	70/25 volt 45 watt RMS Stereo Amplifier.	List Price \$ 399.95
Part # NB-PS75	Power Supply.	List Price \$ 49.95
Part # NB-PMP	Pole Mount Platform	List Price \$ 179.95
Part # NB-PEBPM	Plenum Equipment Box (Pole Mount Version)	List Price \$ 299.95
Part # NB-PLWB	Plenum Equipment Box (Hanging Version)	List Price \$ 299.95
Part # NB-PLHK	Hanging Kit for Hanging Version	List Price \$ 79.95
Part # NB-1SHE	1U RackFrame Shelf	List Price \$ 119.95
Part # NB-1BP	1/4 Rack Blankng Panel	List Price \$ 19.95

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