

Nigel B.  
DESIGN

# 50 WATT MONO 5000 SERIES STEREO AMPLIFIER



Measuring 4.3" Wide (1/4 of a Rack Space) their small size and light weight of 12 ozs allow you to conceal them in the tightest places

3 Year Warranty

EACH MADE IN AMERICA AMPLIFIER IS INDIVIDUALLY TESTED

MONO / STEREO BALANCED OR UNBALANCED INPUT



OUTPUT CAN ALSO BE BRIDGED

Products Proudly



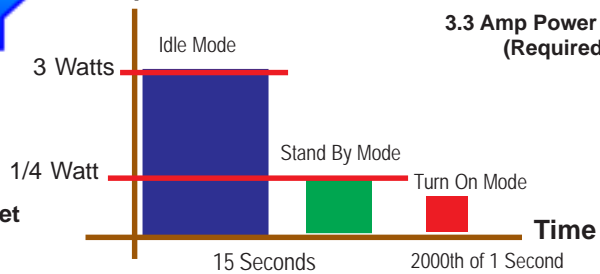
3.3 Amp Power Supply (Required)

At least 4 Times more Energy Efficient than our nearest Competitor

More Energy Efficient than current Energy Star® Rating



Energy Consumption



Our proprietary ADC ADC Circuit allows us to claim our Amplifiers are the most Energy Efficient Amplifiers on the Market

With a turn on Time from Idle of less than .2 of a Second, Audio Clipping of the Audio is eliminated. Our nearest Competitor claims 1 Second, so Audio Clipping will occur

## INSTALLING THE AMPLIFIERS

Careful attention has been given so that whatever the installation, there is a properly designed, Easy to Use Mounting Solution. Our new Multipurpose Bracket as simple as it is, its versatility will be readily appreciated for the many different pieces of Equipment that it can be used for. Pole Mounting, any Flat Surface including attachment to the back of a Monitor to installing into Structured Wiring Panels.

## AMPLIFIER SPECIFICATIONS

50 Watts 4 Ohm Mono or Stereo  
25 Watts per Channel Stereo  
or 50 Watts Bridged Mono  
Bridged, Balanced or Unbalanced Inputs  
Optimized to drive Multiple Speakers  
75 Watts Peak Music Power  
Frequency Response: 15 Hz - 22 kHz  
Signal to Noise Ratio: - 65 dB  
Total Harmonic Distortion: .003 dB  
Dynamic Range: 115 dB  
Overload Protection: Built In  
All Screw Connectors

### DIMENSIONS

4.3" w, 4.5" d, 1.7" H  
Weight: 12 ozs

### RECOMMENDED POWER SUPPLY

Universal 100 V -240 V Auto Sensing  
24 V DC 3.3 Amps Output  
Power Supply UL / CSA Listed



Multi Purpose Bracket also allows an Amplifier to be Mounted Vertically behind the back of a TV or Monitor



Pole Mount Platform Installation



Fits flush with the Ceiling Tiles



1RU Rack Shelf/Frame Holds up to 4 Amplifiers

## PLENUM RATED MOUNTING OPTIONS

All our Plenum Mounting Options meet NEC, State and UL Requirements



Pole Mount Plenum Box



Ceiling Tile Kit with Plenum Box



Hanging Version Plenum Box with Ceiling Tile Kit

PLENUM RATED



CAD DFX DRAWING AVAILABLE

NB-50050	Mono/Stereo 50 Watts RMS Amplifier	\$ 299.95
NB-PS-INIV	Power Supply 100V-240V Auto Sensing 24V DC 3.3 Amps	\$ 79.95

Nigel B Design, Inc. California, USA. Tel: (818) 487-9323 Fax: (818) 766-9805  
Web Site: [www.nigelbdesign.com](http://www.nigelbdesign.com). E-Mail: [sales@nigelbdesign.com](mailto:sales@nigelbdesign.com)

**Nigel B.**  
DESIGN

# 90 WATT MONO 5000 SERIES STEREO AMPLIFIER

Full 90 Watts into 2 Ohms

Measuring 4.3" Wide (1/4 of a Rack Space) their small size and light weight of 12 ozs allow you to conceal them in the tightest places

**3 Year Warranty**

**EACH MADE IN AMERICA AMPLIFIER IS INDIVIDUALLY TESTED**

MONO / STEREO BALANCED OR UNBALANCED INPUT



OUTPUT CAN ALSO BE BRIDGED



1/4 Rack 6.3 Amp Power Supply (Required)

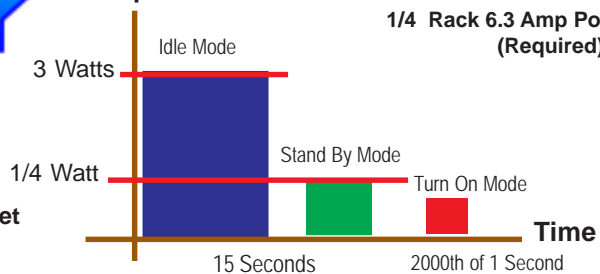


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## AMPLIFIER SPECIFICATIONS

90 Watts 2 Ohm Mono or Stereo  
45 Watts per Channel Stereo  
or 90 Watts Bridged Mono  
Bridged, Balanced or Unbalanced Inputs  
Optimized to drive Multiple Speakers  
100 Watts Peak Music Power  
Frequency Response: 15 Hz - 22 kHz  
Signal to Noise Ratio: - 65 dB  
Total Harmonic Distortion: .003 dB  
Dynamic Range: 115 dB  
Overload Protection: Built In  
All Screw Connectors

### DIMENSIONS

4.3" w, 4.5" d, 1.7" H  
Weight: 12 ozs

### RECOMMENDED POWER SUPPLY

Universal 100 V -240 V Auto Sensing  
24 V DC 6.3 Amps Output  
Power Supply UL / CSA Listed



Multi Purpose Bracket also allows an Amplifier to be Mounted Vertically behind the back of a TV or Monitor



Pole Mount Platform Installation



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Pole Mount Plenum Box



Ceiling Tile Kit with Plenum Box



Hanging Version Plenum Box with Ceiling Tile Kit



**PLENUM RATED**



CAD DFX DRAWING AVAILABLE

NB-50090	Mono/Stereo 90 Watts RMS Amplifier	\$ 449.95
NB-PS-170	Power Supply 100V-240V Auto Sensing 24V DC 6.3 Amps	\$ 119.95

Nigel B Design, Inc. California, USA. Tel: (818) 487-9323 Fax: (818) 766-9805  
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