



70 / 25 VOLT

# MODEL 70050 Single or Dual Zone

50 WATT MONO / STEREO AMPLIFIER



Power - Red  
Audio Connected - Green

When the Mono/Stereo Switch on the back Panel is selected to Mono the two channel are combined for 90 Watts Mono Output

3 Year Warranty

Products Proudly



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

Mono / Stereo Balanced or Unbalanced Input



70/25 Volt Single or Dual Zone Output

Mono / Stereo Switch Selectable



NB-PSU 3.3 Amp Power Supply (Required)

### THE AMPLIFIERS SWITCH THEMSELVES ON & OFF AUTOMATICALLY

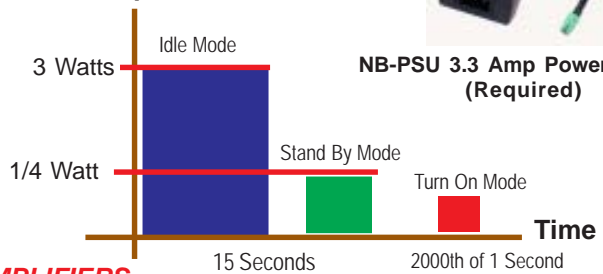
The first thing you will notice is the absence of an On/Off Switch. This is no accident. By incorporating an Automatic On/Off Circuit which we call ADC, the need for a Power Switch becomes unnecessary.

ADC

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



### Energy Consumption



### OPTIONS THAT DEMONSTRATE THE VERSATILITY OF OUR AMPLIFIERS

The Automatic On/Off function of our Amplifiers allows them to be installed in any "out of the way" places, such as inside our Plenum Equipment Boxes.



1U RackFrame/Shelf  
Holds up to 4 Nigel B Amplifiers or Modules



Multi Purpose Brackets  
Mounted on a Projector's Pole



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

### AMPLIFIER SPECIFICATIONS

- 50 Watts Mono or Stereo (switchable) (See separate leaflet for 90 Watt Version) (25 Watts per Zone)
- 70 / 25 Volt Dual or Single Mode Input or Output
- Bridged, Balanced or Unbalanced Inputs
- Optimized to drive Multiple Speakers
- 75 Watts Peak Music Power (Both channels)
- 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: 34 ozs

### RECOMMENDED POWER SUPPLY

Universal 100 V -240 V Auto Sensing Input  
24 V DC 3.3 Amps Output  
Power Supply UL / CSA Listed  
Part # NB-PSU

### PLENUM RATED MOUNTING OPTIONS



Pole Mount Plenum Box



Extra Size Plenum Box  
with Rack Rails

PLENUM RATED

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



CAD DFX DRAWING AVAILABLE

NB-70050	7000 Series 50 Watt 70 / 25 Volt Single/ Dual zone Mono / Stereo Amplifier	List Price \$ 399.95
NB-PSU	110- 240 V 3.3 Amp DC Power Supply.	List Price \$ 79.95

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



70 /25 VOLT

**MODEL 70090**  
Single or Dual Zone

90 WATT MONO / STEREO AMPLIFIER

Mono / Stereo Balanced or Unbalanced Input

When the Mono/Stereo Switch on the back Panel is selected to Mono the two channel are combined for 90 Watts Mono Output



Mono/Stereo Switch

70/25 V Outlet



RED-POWER  
GREEN-ADC ENABLED

3 Year Warranty

Measuring 4.3" Wide (1/4 of a Rack Space) their small size and light weight of 34 ozs allow you to conceal them in the tightest places

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

Products Proudly



6.3 Amp DC Power Supply (Required)

**THE AMPLIFIERS SWITCH THEMSELVES ON & OFF AUTOMATICALLY**

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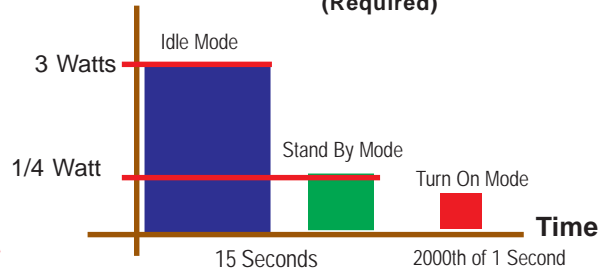
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**OPTIONS THAT DEMONSTRATE THE VESATILITY OF OUR AMPLIFIERS**

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**Energy Consumption**



1U RackFrame/Shelf  
Holds up to 4 1/4 Rack Amplifiers or Modules



Multi Purpose Brackets  
Mounted on a Projector's Pole



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

**AMPLIFIER SPECIFICATIONS**

- 90 Watts RMS into 2 Ohms
- Mono or Stereo (switchable)
- 70 / 25 Volt Dual or Single Mode Input or Output
- Bridged, Balanced or Unbalanced Inputs
- Optimized to drive Multiple Speakers
- 100 Watts Peak Music Power (Both channels)
- 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

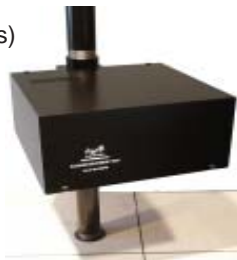
**DIMENSIONS**

4.3" w, 7.25" d, 1.7" h  
Weight: 34 ozs

**RECOMMENDED POWER SUPPLY**

100 V -240 V Auto Sensing Input  
24 V DC 6.3 Amps Output  
Part # NB-PS170

**PLENUM RATED MOUNTING OPTIONS**



Pole Mount Plenum Box



Extra Size Plenum Box  
with Rack Rails

**PLENUM RATED**

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



NB-70090	7000 Series 90 Watt 70 /25 Volt Single/ Dual zone Mono/Stereo Amplifier	List Price \$599.95
NB-PS170	110- 240 V 6.3 Amp DC Power Supply.	List Price \$119.95

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