

Nigel B.
DESIGN

50 WATT MONO MODEL 50050 STEREO AMPLIFIER

MODEL 50050

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

MONO / STEREO BALANCED OR UNBALANCED INPUT



RED-POWER
GREEN-ADC ENABLED

3 Year Warranty

Products Proudly



EACH MADE IN AMERICA AMPLIFIER IS INDIVIDUALLY TESTED



THE AMPLIFIERS SWITCH THEMSELVES ON & OFF AUTOMATICALLY

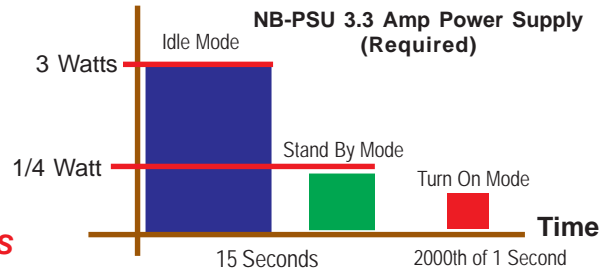
The first thing you will notice is the absence of an On/Off Switch. This is no accident. By incorporating an Automatic On/Off Circuit which we call ADC, the need for a Power Switch becomes unnecessary.



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 VESATILITY 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 Amplifiers or Modules



Multi Purpose Bracket
Mounted on a Projector's Pole



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

AMPLIFIER SPECIFICATIONS

- 50 Watts RMS 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 (Euro) 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
- 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-50050 | Mono/Stereo 50 Watts RMS Amplifier | \$ 299.95 |
| NB-PSU | 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 E-Mail: sales@nigelbdesign.com

Nigel B.
DESIGN

90 WATT MONO

**MODEL
50090**

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

Products Proudly



Mono / Stereo Balanced or Unbalanced Input.



Left/Right Speaker Connection



6.3 Amp DC Power Supply (Required)



RED-POWER
GREEN-ADC ENABLED

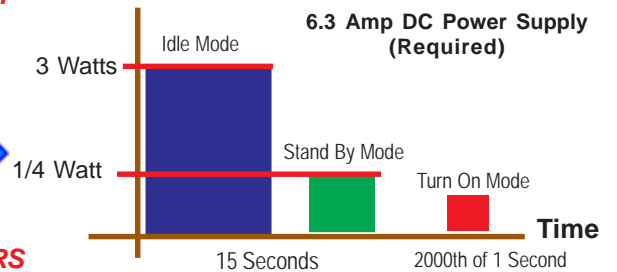
THE AMPLIFIERS SWITCH THEMSELVES ON & OFF AUTOMATICALLY

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.

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



Energy Consumption



OPTIONS THAT DEMONSTRATE THE VESATILITY 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/Shell
Holds up to 4 Amplifiers or Modules



Multi Purpose Brackets
Mounted on a Projector's Pole



Multi Purpose Bracket also allow our Amplifiers to be mounted vertically behind the back of a TV or Monitor



AMPLIFIER SPECIFICATIONS

- 90 Watts RMS 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 (Euro) Connectors

DIMENSIONS

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

RECOMMENDED POWER SUPPLY

100 V -240 V Auto Sensing
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

CAD DFX DRAWING AVAILABLE

| | | |
|----------|---|-----------|
| NB-50090 | Mono/Stereo 90 Watts RMS Amplifier | \$ 449.95 |
| NB-PS170 | 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
Web Site: www.nigelbdesign.com E-Mail: sales@nigelbdesign.com