



# 50 WATT MONO **70050 PL PLUS SERIES** STEREO AMPLIFIER

RS 232 TWO WAY CONTROLLED BY



Power Indicator - Red  
Audio Connected - Green

Mono / Stereo Unbalanced or Balanced Input



Full RS 232 Control

Contact Closure NO or NC Selectable through RS 232 Controller

Mono / Stereo Selector Switch (allows Full 50 watts output)

CERTIFIED & TESTED BY



3 Year Warranty

Products Proudly



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

## THE AMPLIFIERS SWITCH THEMSELVES ON & OFF AUTOMATICALLY

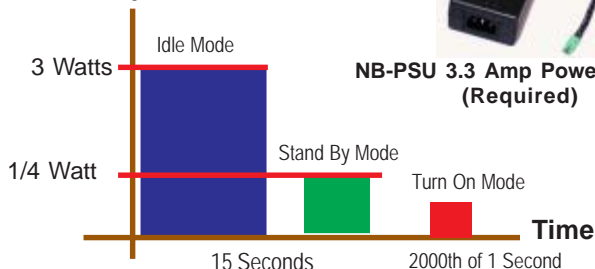
The first thing you will notice is the absence of an On/Off Switch. This is no accident. By incorporating an Automatic On/Off Circuit which we call ADC, the need for a Power Switch becomes unnecessary.

**ADC**

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



## Energy Consumption



**NB-PSU 3.3 Amp Power Supply (Required)**

## 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 1/4 Rack Modules including all of our Amplifiers



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

50 Watts RMS into 4 Ohms Mono or Stereo 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 (Euro) Connectors

### DIMENSIONS

4.3" w, 6.75" 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 UL/CSA Listed  
Part # NB-PSU

## PLENUM RATED MOUNTING OPTIONS



Pole Mount Plenum Box



Full 19" Wide with 2RU Rack Rails  
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-70050PL	70 /25 Volt 50 Watt Amplifier with RS 232 Interface	\$599.95
NB-PSU	110 -240 V Auto Sensing Power Supply 24 v 3.3 Amps DC	\$ 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)



# 90 WATT MONO

# 70090PL PLUS SERIES

# STEREO AMPLIFIER

## RS 232 TWO WAY CONTROLLED BY

Mono / Stereo Balanced or Unbalanced Input



RED- POWER ON  
GREEN AUDIO ENABLED

CERTIFIED & TESTED BY



EACH MADE IN AMERICA AMPLIFIER IS INDIVIDUALLY TESTED

Products Proudly



70/25 V Out  
Contact Closure NO or NC  
Selectable through RS 232 Controller

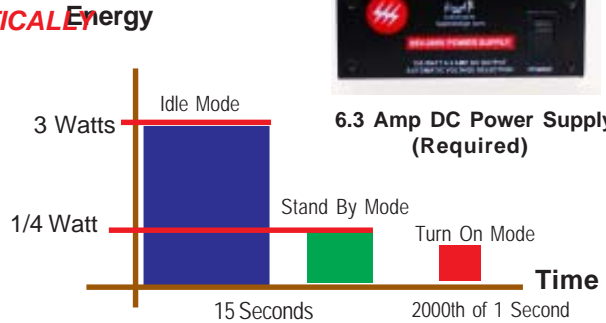


6.3 Amp DC Power Supply (Required)

### 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.

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



### 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.



1RU Rack Shelf / Frame  
Holds up to 4 Amplifiers



Multi Purpose Brackets  
Mounted on a Projector's Pole



### AMPLIFIER SPECIFICATIONS

- 90 Watts into 2 Ohms Mono or Stereo
- 50 Watts Bridged Mono
- 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, 6.75" 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-PS170PSU

### PLENUM RATED MOUNTING OPTIONS

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



Pole Mount Plenum Box



Full 19" Wide with 2RU Rack Rails  
Extra Size Plenum Box with Rack Rails

PLENUM RATED

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

NB-70090PL	70 /25 Volt 90 Watt Amplifier with RS 232 Interface	\$699.95
NB-PS170	110 -240 V Auto Sensing Power Supply 24 v 6.3 Amps DC	\$119.95



CAD DFX DRAWING AVAILABLE

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

Web Site: www.nigelbdesign.com E-Mail: sales@nigelbdesign.com