

# Nigel B.

## DESIGN

### AMPLIFIER CATALOG

FEATURING OUR UNIVERSAL MOUNTING BRACKET

(Patent Applied for)





# MODEL 75 STEREO REFERENCE AMPLIFIER



Weighing 16 oz and smaller than 4 CDs

45 watts RMS  
Twice the power of any similar Amplifier  
Each Nigel B Module measures 4" x 4" x 1 Rackspace high (1/4 of 1 Rackspace)



SCREW TERMINALS FOR FAST CONNECTIONS

1/4" JACK INPUT  
Using Adaptors allow connection of RCA or Mini Plugs

### SMALL ENOUGH TO FIT ANYWHERE

A wonder in miniaturization this **COOL RUNNING** Amplifier weighs 16 oz. and fits in the palm of your hand, taking up very little space, in fact, four units can be installed in one Rack Space. Installers are also finding many different uses for this compact Amplifier as its small size allows it to be **concealed or used in many Small Spaces.**

### SIZE VERSUS PERFORMANCE

When compared to other Amplifiers such as the Crown® D 45, or Toa® Units which are at least 8 times bigger and considerably heavier, side by side Listener Tests show a preference for our unit. Their smaller size is the result of advanced Electronic Design and Surface Mounted Components for improved reliability.

### THEFT CONSIDERATIONS

Because the entire Installation of Amplifier, Power Supply and Speakers can be installed at Ceiling Height with the Projector, theft is minimized and installation costs reduced.

### EASIER TO INSTALL- PERFECT FOR ALL CEILING MOUNTED PROJECTORS

45 watts RMS Output is more than enough to drive Multiple Ceiling Speakers with a Clarity of Sound, as the Amplifier does not have to be "cranked up" to its extreme level, distortion is eliminated.

### SPECIFICATIONS

45 watts Stereo into 4 Ohms (22.5 watts per Channel)  
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

### REQUIRED OPTION

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



The Universal Mounting Bracket used to mount the Amplifier on to a Projector's Pole

### MOUNTING OPTIONS

shown below are some of the many ways the Amplifier can be used, including installing them into 19" Racks, Mounting on Projector Poles, Structured Wiring Cabinets or any Flat surface.



No more than 2" of height is used allowing the Projector to fit closer to the Ceiling



Universal Mounting Bracket



Universal Mounting Bracket Mounted to a Flat Surface



Nigel B 19" 1U Rack Frame

allows all modules to be installed into any 19" Rack



Structured Wiring Panel

Part # NB-2075	45 Watt Stereo Amplifier	List Price \$ 299.95
Part # NB-PS-75	110v 12v AC 4.5 Amp Power Supply	List Price \$ 49.95
Part # NB-UPMW	Universal Projector / Wall Mount Bracket	List Price \$ 59.95
Part # NB-1UF	1U Rackframe for Extron/Nigel Modules	List Price \$ 89.95
Part # NB-WPM	Structured Panel / Wall Mount Bracket	List Price \$ 49.95

### 70 VOLT AMPLIFIERS

Press "70v Amplifiers" Button

on our Web Site to see our range of 70v Distributed Audio that can be sent over several Zones in either Stereo or Mono



# 45 WATT PLUS SERIES STEREO AMPLIFIER



Weighing 16 oz and smaller than 4 CDs

WITH BALANCED INPUTS & ENHANCED GAIN  
45 watts RMS  
Twice the power of any similar Amplifier

Each Nigel B Module measures 4" x 4" x 1 Rackspace high (1/4 of 1 Rackspace)



SCREW TERMINALS FOR FAST CONNECTIONS

BALANCED STEREO INPUT

### SMALL ENOUGH TO FIT ANYWHERE

A wonder in miniaturization this **COOL RUNNING** Amplifier weighs 16 oz. and fits in the palm of your hand, taking up very little space, in fact, four units can be installed in one Rack Space. Installers are also finding many different uses for this compact Amplifier as its small size allows it to be **concealed or used in many Small Spaces.**

### SIZE VERSUS PERFORMANCE

When compared to other Amplifiers such as the Crown® D 45, or Toa® Units which are at least 8 times bigger and considerably heavier, side by side Listener Tests show a preference for our unit. Their smaller size is the result of advanced Electronic Design and Surface Mounted components for improved reliability.

### THEFT CONSIDERATIONS

Because the entire Installation of Amplifier, Power Supply and Speakers can be installed at Ceiling Height with the Projector, theft is minimized and costs are reduced.

### EASIER TO INSTALL- PERFECT FOR ALL CEILING MOUNTED PROJECTORS

45 Watts RMS Output is more than enough to drive Multiple Ceiling Speakers with a Clarity of Sound. As the Amplifier does not have to be "cranked up" to its extreme level, distortion is eliminated.

### SPECIFICATIONS

45 watts Stereo into 4 Ohms (22.5 watts per Channel)  
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



The Universal Mounting Bracket used to mount the Amplifier on to a Projector's Pole

### MOUNTING OPTIONS

shown below are some of the many ways the Amplifier can be used, including installing them into 19" Racks, Mounting on Projector Poles, Structured Wiring Cabinets or any Flat surface.



No more than 2" of height is used allowing the Projector to fit closer to the Ceiling



Universal Mounting Bracket



Universal Mounting Bracket Mounted to a Flat Surface

### REQUIRED OPTION

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



allows all modules to be installed into any 19" Rack

Part # NB-2020PL	45 Watt Stereo Amplifier Plus Series	List Price \$ 349.95
Part # NB-PS-75	110v 12v AC 4.5 Amp Power Supply	List Price \$ 49.95
Part # NB-UPMW	Universal Projector Pole / Wall Mount Bracket	List Price \$ 59.95
Part # NB-1UF	1U Rackframe for Extron / Nigel B Modules	List Price \$ 89.95
Part # NB-WPM	Structured Panel / Wall Mount Bracket	List Price \$ 49.95



Structured Wiring Panel

### 70 VOLT AMPLIFIERS

Press " 70v Amplifiers" Button on our Web Site when you to distribute Audio over several Zones in either Stereo or Mono



# 70v, 25v DISTRIBUTION AMPLIFIER

## 45 WATTS RMS, SELECTABLE BETWEEN MONO & STEREO



Smaller Than two VHS Tapes

22.5 watts Mono each Zone to two Zones  
 45 watts Stereo Mode to one Zone  
 (22.5 watts per Channel)

**OPTIONAL LINE OR WIRELESS MIC INPUT**



**MONO - STEREO SELECTION SWITCH**  
 Now fitted with *Auto-Balance*  
 a Nigel B Exclusive

### SMALL SIZE - LIGHT WEIGHT

Everthing built in, a marvel of miniaturization and the combination of newer technology Chip Design and PC Board Surface Mounting results in a significant size reduction and a Cleaner Sound. These features **can be seen when making "side by side" performance comparisons.**

### THEFT CONSIDERATIONS

Using the Universal Mounting Bracket with this unit allows everthing to be mounted at Ceiling Level, reducing the chance of theft.

### MULTIPLE MOUNTING OPTIONS

The Installer is not limited to how and where the Amplifier is placed. The Bracket with the Amplifier installed is only 2" high, so limited Ceiling Space will not present any problems.

Using the Universal Mounting Bracket is not only simpler and quicker to install, but it eliminates the need for different Mounting Brackets due to its "Mix & Match" Pre-drilled holes.



The Universal Mounting Bracket (Patent Applied for)



The Universal Bracket can also be mounted to any Flat Surface



The Universal Mounting Bracket can be used in Single or in Space Saving Paired Configurations



Or mounted to any Projector's Pole

**70 Volts or 25 Volts STEREO - MONO OUT**  
 22.5 watts Mono each Zone to two Zones  
 45 watts Stereo Mode to one Zone  
 (22.5 watts per Channel)



**LINE IN**

Using an Adapter, the 1/4" Line In Connector can be changed to 2 RCAs or Mini Jack

### SPECIFICATIONS

#### AMPLIFIER SECTION

45 watts RMS Switch Selectable Stereo/Mono  
 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

#### TRANSFORMER SECTION

2 70/25v Matching Transformers (Built In)

#### Front of Unit Connections

Master Switch with Indicator  
 Mini Line or wireless Input

#### Rear of Unit Connections

1 1/4" Jack Line Input  
 Left & Right Channel 70v, 25V Outputs

#### REQUIRED OPTION

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



Using Nigel B's™ 1U Rackspace Frame allows all modules to be installed into any 19" Rack

Part # NB-70AMP	70v, 25v, 45 watt Stereo / Mono Amplifier	List Price \$ 399.95
Part # NB-PS-75	12v AC 4.5 Amp UL / CSA Power Supply	List Price \$ 49.95
Part # NB-UPMW	Universal Projector Pole / Wall Mount Bracket	List Price \$ 59.95
NB-1UF	1U 19" RackFrame	List Price \$ 89.95
Part # NB-WPM	Structured Panel / Wall Mount Bracket	List Price \$ 49.95





# UNIVERSAL PROJECTOR POLE - WALL BRACKET

Patent applied for

*This One Bracket meets all your installation needs, regardless of the Mount being used - saving you time and money*



The Universal Bracket



The Universal Bracket Showing the Extron® Versa® Tool Mounting Holes

Pre-Drilled for all 43 Extron® 1/8th & 1/4 Rack Versa® Tools Modules and all 20 Nigel B Modules. Installing any of these is simple and quick.



**The Universal Mounting Bracket can be used on any Flat Surface or any Projector's Pole regardless of the Mount's Manufacturer**

**ONLY TWO INCHES HIGH NEEDED ON A TYPICAL INSTALLTION**

Each Bracket is secured to the Projector's Pole using a Simple "U" Bolt (which we supply). When using two Brackets "side by side" to install both the Amplifier and Power Supply, allows the Projector to sit within two inches of the Ceiling. This reduction in height is achieved by using two sets of offset Bracket holes, keeping the two Brackets on the same plane.



"U" Bolt on Pole

**EXAMPLES SHOWING HOW THE UNIVERSAL BRACKET CAN BE USED**



70 v Amplifier



Extron® Versa Tool Module



Two Brackets on Pole



Amplifier & Power Supply



Bracket & Adaptor on Gymount



Nigel B's Adapter fitted to Premier's Gyromount



Nigel B's Gyromount Adapter



Universal Bracket fitted to a Flat Surface



Universal Bracket on Pole

Part #	Description	List Price
NB-UPMW	Universal Projector Pole-Wall Bracket	\$ 59.95
NB-GMA	GyroMount Adapter	\$ 29.95