



70 / 25 VOLT PLUS SERIES MONO/STEREO AMPLIFIER

45 WATTS SUPERIOR SOUND OUTPUT IN EITHER MONO OR STEREO

Balanced or Unbalanced and can also be Bridged



(See Below)



RS 232 PORT FOR CONTROL FROM ANY COMPUTER SCREEN, AMX®, CRESTRON® AURORA WACI® OR OTHER DEVICES*

ACCEPTS BALANCED OR UNBALANCED INPUTS FOR STEREO OR MONO OPERATION



Light Weight, Small Size and almost three times the power of our nearest competitor

AUTOMATIC DETECTION CIRCUIT



TURNES ITSELF ON AND OFF AUTOMATICALLY SAVING ENERGY & OPERATING COSTS



RS 232 PORT FOR TOTAL CONTROL

The Amplifier supports almost any Control Device including AMX®, Crestron®, Aurora Waci® & Stardraw Devices. Users also have complete control from any Computer Screen or Web Server using the Crestron QM- RMC or AMX NI Series Units. The Amplifier can also be controlled using Software Control.

IMPROVED SOUND QUALITY

Unlike our Competitors our Transformerless 70 / 25 Volt Amplifiers use Custom made Autoformers that are Perfectly Matched and Optimized for superior Sound Quality.

SUPER FAST ADC - AUTOMATIC DETECTION CIRCUIT- ELIMINATES CLIPPING THE SOUND

These ENERGY EFFICIENCY, COOL RUNNING AUTOMATIC Amplifiers turn themselves on in less than 2 milliseconds of detecting an Audio Signal. When no Audio signal is detected they will automatically turn off after about 30 Seconds, unless the Audio is restored before the cutoff period, at which time the unit will repeat the Active Mode until finally no signal is detected.

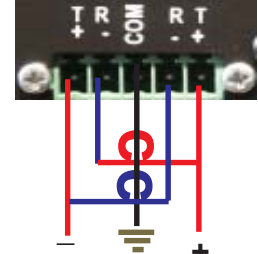
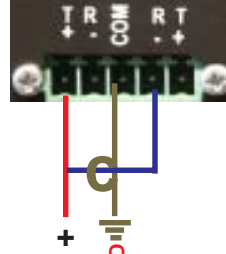
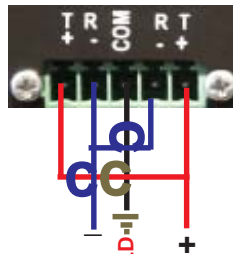
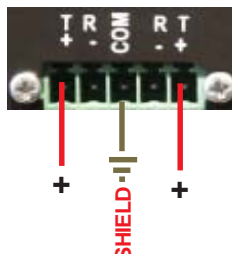
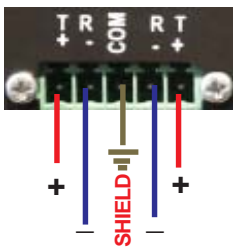
BALANCED STEREO

UNBALANCED STEREO

BALANCED DUAL MONO

UNBALANCED BRIDGED MONO

BALANCED BRIDGED MONO



PHOENIX® TYPE TERMINALS FOR FAST CONNECTIONS

AUTOMATIC INTERNAL CONFIGURATION OF THE LINE INPUT

Internal circuitry enables the user to configure the Amplifier externally for either Balanced or Unbalanced Modes depending on the connections used. Shown above are the different Line In Connections that allow the Amplifier to accept either Balanced or Unbalanced Stereo, Balanced Dual Mono or Balanced Bridged Mono Inputs, depending on the user's requirements.

ADVANCED AMPLIFIER DESIGN WITH INCREDIBLE POWER

Advanced circuitry Amplifier produces 45 Watts RMS Output into 4 Ohms, more than enough to drive Multiple 70 volt Speakers with a Clarity of Sound not usually found in such a small Amplifier, with this amount of power the Amplifier does not have to strain itself or be "cranked up" to its extreme level, so distortion is eliminated.

REDUCES THE CHANCES OF THEFT

By mounting the amplifier above the Ceiling Projector or hiding it along with the other equipment in our new Plenum Equipment Box eliminates theft.

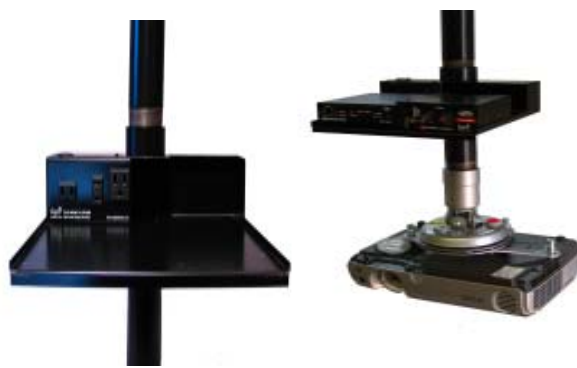
COMPACT DESIGN GIVES THE INSTALLER MANY MOUNTING OPTIONS

As it takes up very little room, Installers are finding many different uses for this compact Amplifier. It's small size allows it to be concealed or used in many small spaces. The entire installation of Projector, Amplifier and Power Supply can be installed at Ceiling Height or hidden in using our Plenum Equipment Box shown on the next page.

Please turn over for Mounting Options, Specs & List Prices



**The Limpet
For 24/7 Set & Forget Protection
of all Your Equipment**



POLE MOUNT PLATFORM
Perfect for all Nigel B Amplifiers,
Crestron QM-RMC AMX NI 700/900
or Aurora Waci
& silmilar size Controllers

The Pole Mount Platform attaches to any 1.5" Projector Pole without any modification to the Pole required, allowing all cables to be hidden



Up to four Ampliers can be fitted
taking up only 1 Rackspace

NEED TO HIDE THE EQUIPMENT IN THE PLENUM

Hidden from view, our new Plenum Rated Equipment Box allows the Amplifier, Power Supply, AC Receptacle and all the Cables to fit inside. All Cable runs are routed internally, so that the entire unit meets UL 2034 and all Electrical Codes for **Plenum Rating**.
Because the entire assembly is hidden theft is eliminated.



Our Plenum Rated Equipment Box contains a 1 gang Receptacle for powering both the Amplifier and any other equipment concealed inside

NEED THE PROJECTOR CLOSE TO THE CEILING WITH THE AMPLIFIER & EQUIPMENT HIDDEN

Using the Plenum Equipment Box has the benefit of being able to mount the Projector tight against the Ceiling Tiles.

AMPLIFIER SPECIFICATIONS

45 watts RMS Stereo into 4 Ohms
(22.5 watts per Channel)
45w Mono When Bridged
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

RS 232 PORT SPECIFICATIONS

The RS 232 provides **Two Way Communication** between a variety of Contollers such as Crestron's®, AMX's®, Aurora Waci® or Software such as StarDrawer Control®. For Custom applications the Protocol can be Downloaded Free of charge from our Web Site.

AUTO POWER SAVING MODE

Power is reduced to 250 milliamps in Stand By Mode

DIMENSIONS:

4.3" w, 1.75" h, 6.75" d
8" Deep inc Fan

REQUIRED OPTION

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

PNB-70AMP	70/25 volt 45 watt RMS Stereo Amplifier.	List Price \$ 399.95
NB-PS75	Power Supply.	List Price \$ 49.95
NB-PMP	Pole Mount Platform	List Price \$ 179.95
NB-PEBPM	Plenum Equipment Box (Pole Mount Version)	List Price \$ 299.95
NB-PLWB	Plenum Equipment Box (Hanging Version)	List Price \$ 299.95
NB-PLHK	Hanging Kit for Hanging Version	List Price \$ 79.95
NB-1SHE	1U RackFrame Shelf	List Price \$ 119.95
NB-1BP	1/4 Rack Blankng Panel	List Price \$ 19.95
NB-2LSAS	M2 Limpet Alarm system with Siren & Contact Closure	List Price \$ 169.95