

# PLENUM EQUIPMENT BOX

## POLE MOUNT VERSION - PART # NB-PEBPM

### INSTALLATION INSTRUCTIONS

MEETS NEC CODE REQUIREMENTS\* FOR THE SAFE INSTALLATION OF ANY\* OF OUR AMPLIFIERS IN THE PLENUM SPACE

\* Including many other Equipment Manufacturers such as Crestron®, AMX® and Extron®

\* In compliance with NEC Article 300.22c when External Wiring Connections to the Box are in made in accordance with those requirements.



#### PIPE INSTALLATIONS

The Plenum Equipment Box uses Standard 1 1/2" Pipe and Fittings. **These are usually supplied with the Projector Mount or if not using a Projector, 1 1/2" Pipe can be easily obtained from any Plumbing Supply.**

#### INSTALLING THE EQUIPMENT BOX BELOW THE CEILING TILES

The Plenum Equipment Box can also be placed below the Ceiling.

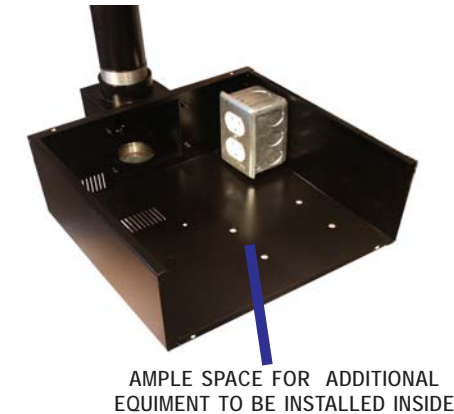
#### GENERAL INSTRUCTIONS

(2) 8.32 x 3/8" Screws are provided to be able to lock the Mount to each section of Pipe. The Box (with the Cover removed) is then attached to the Mount using 4 Screws. The Amplifier, Power Supply or any Equipment including the 1 Gang Receptacle are then installed inside the Box together with all relevant Cables. Attaching the Cover completes the installation.

1. The Pole Mount screws between two lengths of 1 1/2" Projector Poles, and can be Locked using (2) 8.32 x 3/8" Screws. Once installed, the Plenum Box is then mounted directly to the Pole Mount using the (4) 8.32 x 3/8" Pan Head Screws.
2. Power enters the Plenum Box at the side using Conduit to Code.
3. The Conduit is connected to the Plenum Box using a standard Conduit Connector (not supplied).
4. Power Cables run inside the Bottom Pole directly to the Projector.
5. Line out from the Projector is run the same way.
6. Speaker Cables use the Upper Pole.

#### SUPPLIED PARTS

1. Heavy Duty Pole Mount with (4) 8.32 Truss Head Screws
2. (2) 8.32 x 3/8" Screws to lock Pole Mount to Projector's Pole
3. Plenum Box with Removable Cover with (6) 8.32 Pan Head Screws.
4. Single Gang Box with 2 Position Receptacle
5. (1) 10.32 x 5/8" Round Screw for Mounting Receptacle Box to Plenum Box
6. Receptacle Cover Plate



#### REMOVABLE COVER



Access to the inside for Installation and Servicing is simple, removing the 6 screws makes it very simple for a technician to make adjustments at any time.

#### POWER CABLE INSTALLED IN CONDUIT

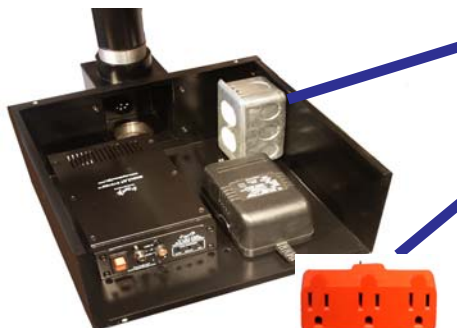
The Power Cable's Conduit attaches to the Plenum Box using a Standard Conduit Connector (Customer Supplied), with the wires terminating directly to the Single Gang Receptacle Box inside.

#### UP TO SIX POWER OUTLETS

The amount of Power Outlets can be increased to **SIX** using up to two 3 Position Taps.

#### ADDITIONAL SIGNAL INLET/OUTLET PORT

An additional Cable Port (which is normally fitted with a Removable Blanking Cap) is provided in the Pole Mount for those occasions when access to other equipment is required.



# PLENUM EQUIPMENT BOX

## SURFACE MOUNT VERSION - PART # NB-PLWB

### INSTALLATION INSTRUCTIONS

**MEETS NEC CODE REQUIREMENTS\* FOR THE SAFE INSTALLATION OF ANY\* OF OUR AMPLIFIERS IN THE PLENUM SPACE**

\* In compliance with NEC Article 300.22c

When External Wiring Connections to the Box are in made in accordance with those requirements.

**\* Including many other Equipment Manufacturers such as Crestron®, AMX® and Extron ®**

#### GENERAL INSTRUCTIONS

This version can be attached to any Flat Surface using the **Optional Supplied Flat Plate** or Suspended using the **Optional Extra Cost Hanging Kit**, In all cases all Cables are enclosed in Conduit to and from the Plenum Box. The Box (with the Cover removed) is then attached to the Mount using 4 Screws. The Amplifier, Power Supply or any other Equipment including the 1 Gang Receptacle are then installed inside the Box together with all relevant Cables. Attaching the Cover completes the installation.

1. Surface Mount with (4) 8.32 Truss Head Screws
2. Plenum Box with Removable Cover with (6) 8.32 Truss Head Screws.
3. Single Gang Box with 2 Position Receptacle
4. (1) 10.32 x 5/8" Round Screw for Mounting Receptacle Box to Plenum Box
5. Receptacle Cover Plate

#### OPTIONAL HANGING KIT Part# NB-PLHK

1. (4) 3/16.24 Eye Bolt with Nuts
2. (2) 5' Hanging Cable Sets UL & CSA Listed
3. 2 Gripples
4. 1 Hex Key



#### FITTING THE HANGING KIT

The Installer attaches an Eye Bolt at each Corner. Each Pair of Hanging Wires simply Clips to each Eye Bolt. **These Assemblies are UL & CSA Listed** and are rated at Maximum Load of 100 lbs. At the Ceiling or Support End, the Cable is simply "looped through a "Gripple®". The Looped end is then adjusted for the correct Length and Level, and the job is done.

#### REMOVABLE COVER

Access to the inside for Installation and Servicing is simple, removing the 6 screws makes it very simple for a technician to make adjustments at any time.

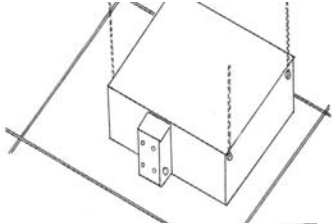
The Power Cable's Conduit attaches to the Plenum Box using a Standard Conduit Connector (Customer Supplied), with the wires terminating directly to the Single Gang Receptacle Box inside.

#### ADDITIONAL SIGNAL INLET/OUTLET PORTS

Additional Access Ports are provided in the Surface Mount for those occasions when access to and from other equipment is required.

#### UP TO SIX POWER OUTLETS

The amount of Power Outlets can be increased to **SIX** using up to two 3 Position Taps.



Inside View showing a Nigel B Amplifier & Power Supply fitted