



The PNP300 is shown above.

MANUAL PART NUMBER: 400-0114-004

PNP300 & PNP350

POP 'N PLUG[®] SLIM INTERCONNECT BOX USER'S GUIDE

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PRECAUTIONS / SAFETY WARNINGS 1

Please read this manual carefully before using your **PNP300/350** and keep it handy for future reference. These safety instructions are to ensure the long life of your **PNP300/350** and to prevent fire and shock hazards. Please read them carefully and heed all warnings.

1.1 GENERAL

- Do not open the unit or power supply case, there are high-voltage components inside.
- There are no user serviceable parts inside. Qualified ALTINEX service personnel must perform all service on the Pop 'N Plug.

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN
The lightning flash and arrowhead within the triangle is a warning sign alerting you of "dangerous voltage" inside the product.	CAUTION: TO REDUCE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK) NO USER SERVICEABLE PARTS INSIDE.

1.2 HANDLING

- For best results, place the **PNP300/350** in a dry area away from dust and moisture.
- To prevent fire or shock, do not expose this unit to water or moisture. Do not place the **PNP300/350** in direct sunlight, near heaters, or heat-radiating appliances, or near any liquid. Exposure to direct sunlight, smoke, or steam can harm internal components.
- Handle the **PNP300/350** carefully. Dropping or jarring can damage the unit.
- Do not pull any cables that are attached to the **PNP300/350**.
- Do not place heavy objects on top of the **PNP300/350**.
- Never place fingers inside the openings of the unit.

- If the **PNP300/350** interface is not used for an extended period, disconnect the unit from the wall to avoid fire, shock, and loss of power.
- We recommend using wall outlets with a Ground Fault Circuit Interrupter (GFCI) for maximum protection.

1.3 CLEANING

- Unplug the **PNP300/350** before cleaning.
- Clean only with a dry cloth. Never use strong detergents or solvents such as alcohol or thinner. Do not use a wet cloth or water to clean the unit. Do not open the unit to clean.

1.4 FCC NOTICE

- This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with instructions found herein, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.
- Any changes or modifications to the unit not expressly approved by ALTINEX, Inc. could void the user's authority to operate the equipment.

ABOUT YOUR PNP300/350

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PNP300/350

Pop 'N Plug *Slim* Interconnect Box

The **PNP300/350** is designed for installation in a conference room table, podium, or anywhere computer audio, video, and communications connections are needed. The Pop 'N Plug *Slim* provides a means of connecting audio, video, control, and computer video sources into a presentation system. It is ideal for use together with ALTINEX computer video interfaces.

The **PNP300/350** Pop 'N Plug *Slim* interconnect "pops up" into a raised position to provide access to connectors. When not in use, it is lowered into the tabletop providing a clean, smooth finish. The **PNP300/350** uses a tower-type construction with a pneumatic suspension and a mechanical latching mechanism.

The **PNP300** has one input plate on the front panel of the unit. The standard plate offers input connections for the following: AC power (NEMA 5-15R), computer video (15-pin HD), composite video (RCA), stereo audio (RCAx2), computer audio (3.5 mm stereo), modem (RJ-11), RS-232 (9-pin D-sub), and network (RJ-45). All signals pass from the interface plate, through standard cables, and terminate in the mating connector for easy connection to the audiovisual system.

The **PNP350** Interconnect Box has one input plate on the front panel of the unit. The standard plate offers 2 AC power outlets and 6 RJ-45 network snap-in connectors. All interface connections include pass-through connectors and cables.

The Pop 'N Plug *Slim* Interconnect Boxes are designed for use with tabletops ranging from 0.25 in (6 mm) to 3.75 in (95 mm) thick.

TECHNICAL SPECIFICATIONS

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Specifications are subject to change.

See www.altinex.com for up-to-date information.

FEATURES/ DESCRIPTION	INTERFACE CONNECTION	UNDER TABLE CONNECTION
PNP300 Connectors		
AC (NEMA)	5-15R (1)	5-15P (1)
Computer video	15-pin HD F (1)	15-pin HD M (1)
Computer audio	3.5 mm F (1)	3.5 mm M (1)
Composite video	RCA F (1)	RCA M (1)
Stereo audio	RCA F (2)	RCA M (2)
Modem	RJ-11 F (1)	RJ-11 M (1)
Network	RJ-45 F (1)	RJ-45 M (1)
RS-232 Control	DB9 F (1)	DB9 M (1)
PNP350 Connectors		
AC (NEMA)	5-15R (2)	5-15P (2)
Network	RJ-45 F (6)	RJ-45 M (6)

Table 1. **PNP300/350** General

MECHANICAL	PNP300/350
Minimum Table Thickness	0.25 in (6 mm)
Maximum Table Thickness	3.75 in (95 mm)
Length (bezel)	10.03 in (255 mm)
Width (bezel)	3.39 in (86 mm)
Height (opened, above table)	2.19 in (56 mm)
Depth (below table top)	6.14 in (156 mm)
Finish	Black
T° Operating (T° Max)	10°C-40°C (50°C)
Humidity	90% non-condensing

Table 2. **PNP300/350** Mechanical

ELECTRICAL	PNP300/350
PNP300	90-140 VAC, 5A Max.
PNP350 (each outlet)	90-140 VAC, 5A Max.

Table 3. **PNP300/350** Electrical

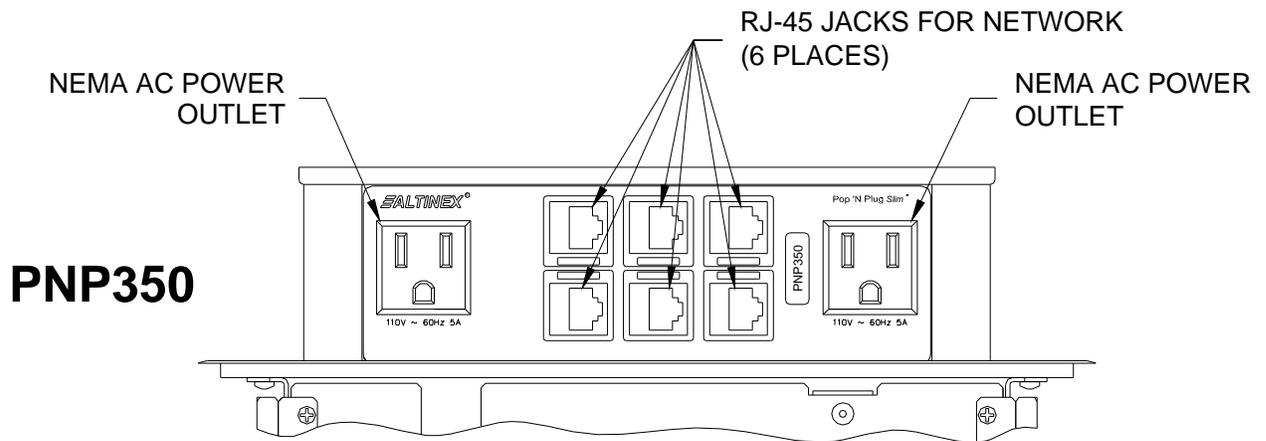
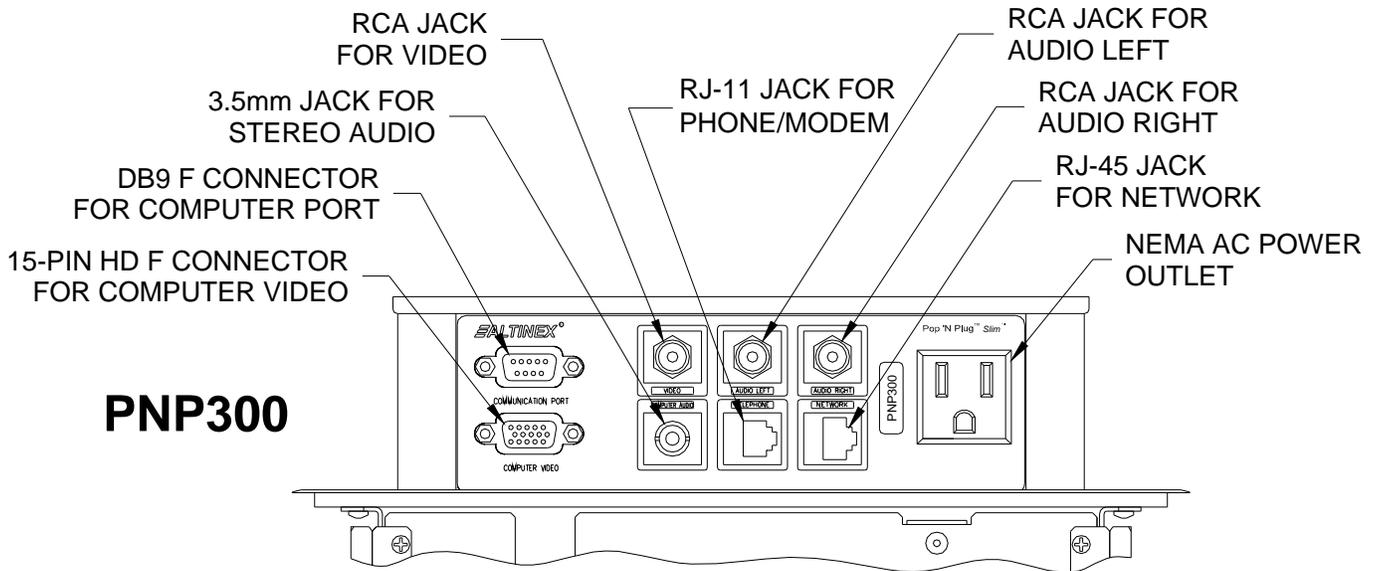
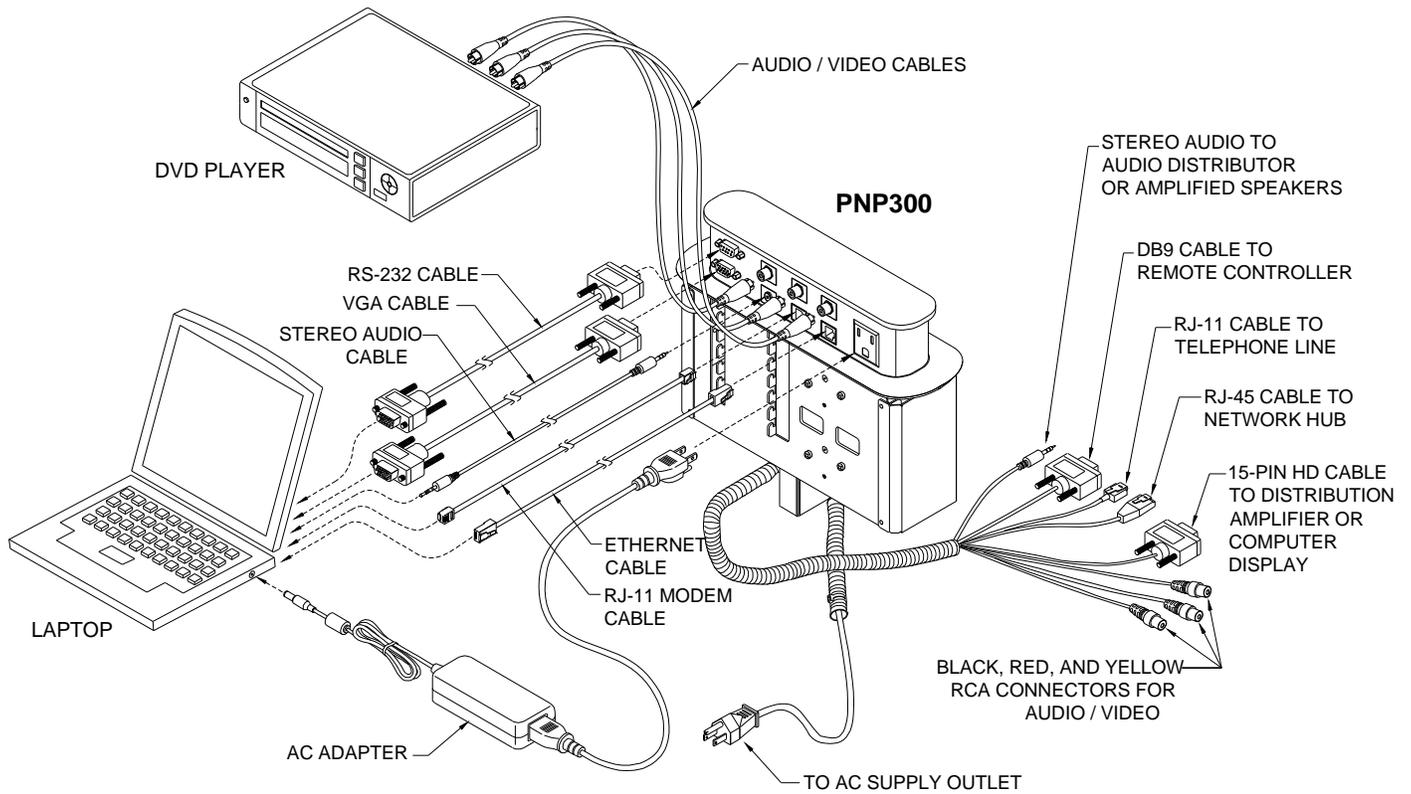


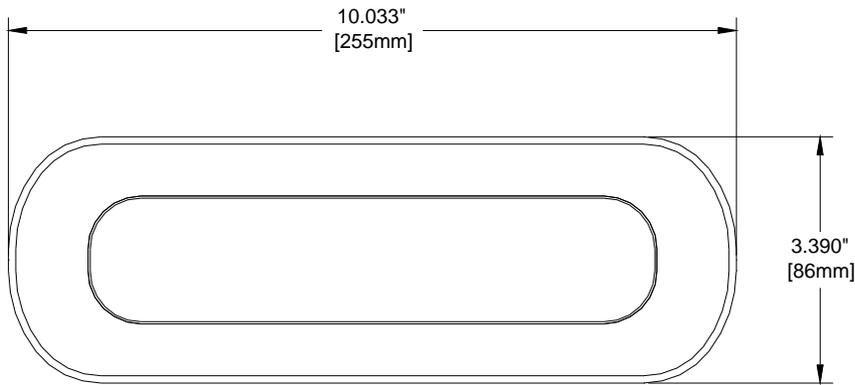
DIAGRAM 1: TYPICAL SETUP



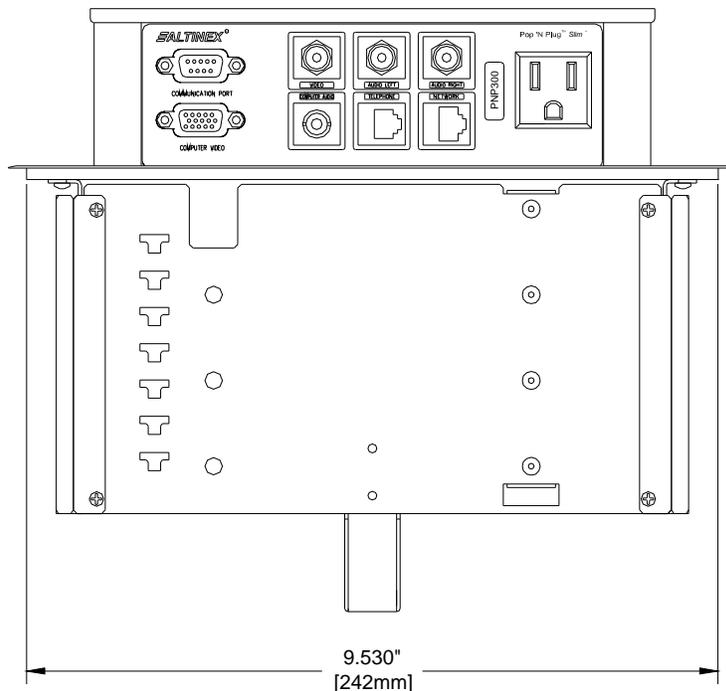
TABLETOP SOLUTIONS

DIAGRAM 2: DIMENSIONS

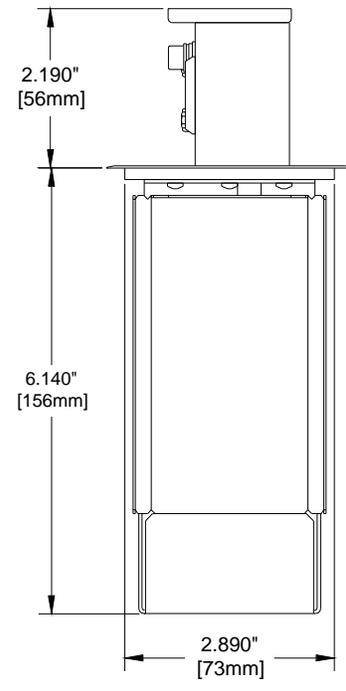
The PNP300 faceplate is shown here.



TOP VIEW



FRONT VIEW
(OPEN POSITION)

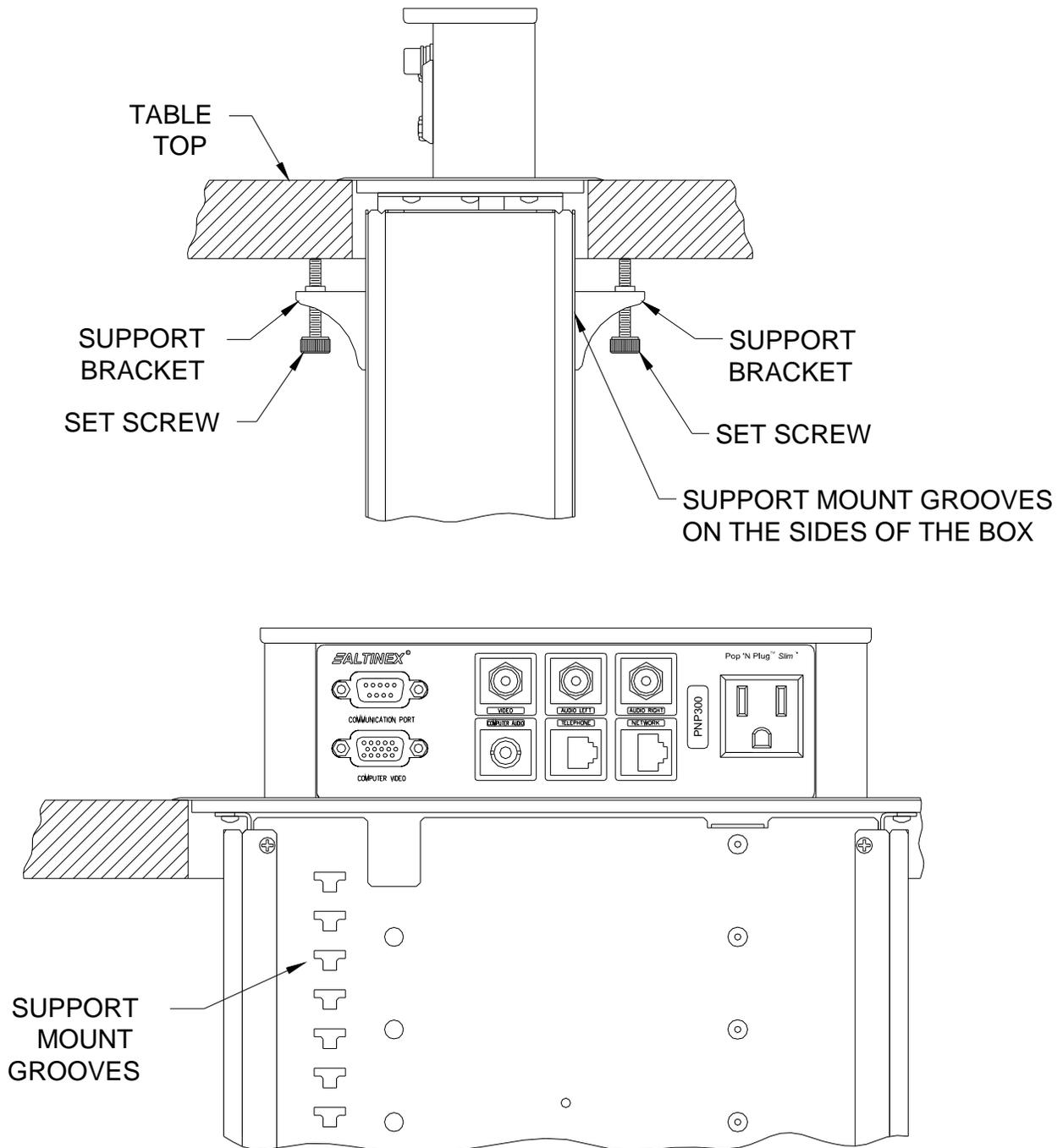


SIDE VIEW
(OPEN POSITION)

TABLETOP SOLUTIONS

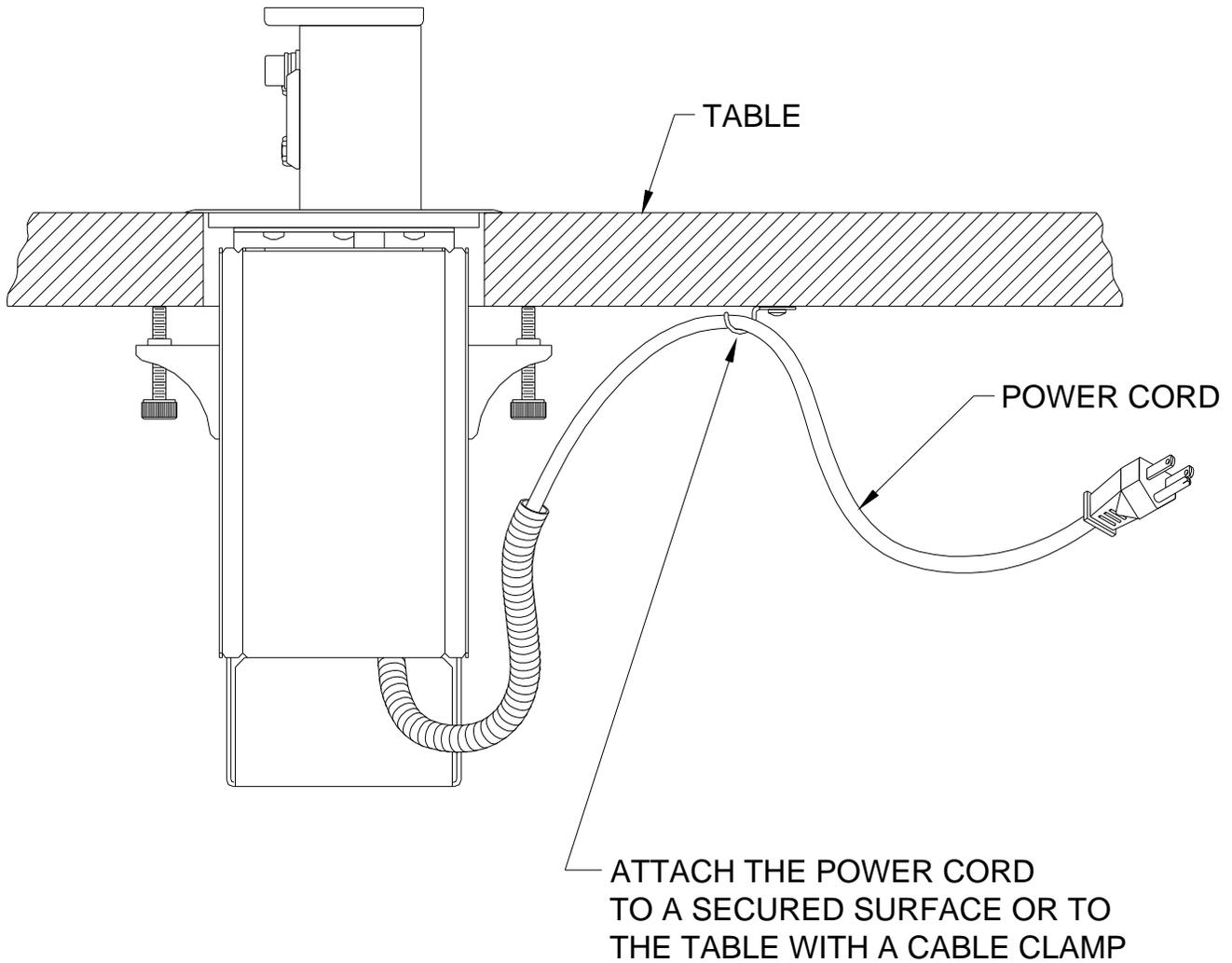
DIAGRAM 3: MOUNTING

The PNP300 faceplate is shown here.



TABLETOP SOLUTIONS

DIAGRAM 4: CABLE CLAMPS



INSTALLING YOUR PNP300/350 6

Step 1. Cut an opening into the table's surface. Refer to the ALTINEX website at www.altinex.com for the cutout requirements.

Note: The table can be 0.25 in (6 mm) to 3.75 in (95 mm) thick. Always confirm dimensions before cutting to ensure that specifications have not changed.

Step 2. Place the support brackets under the table and place them between the support mount grooves on the side of the **PNP300/350** unit. Attach the brackets to the groove at the desired height and secure them to the bottom of the table using the setscrew. There are two support brackets, one for each side of the unit.

See DIAGRAM 3 for details.

Step 3. Secure the cables by using the provided cable clamps of the type shown below.



Step 4. Pass the power cord from the bottom of the housing and attach it to the bottom of the table using the cable clamp and screw supplied with the **PNP300/350**. Do not clamp the cord too tight or too loose.

See DIAGRAM 4 for an example of cable mounting the cables.

Step 5. Connect the appropriate cables with the correct input connectors on the bottom of the unit. The following standard connections are provided:

PNP300:

AC power cable	= AC power
Black RCA cable	= audio left
Red RCA cable	= audio right
Yellow RCA cable	= composite video
Black DB-15 HD	= computer video
DB-9 cable	= serial data
Red RJ-45 cable	= network
Silver RJ-11 cable	= telephone/modem

A round gray cable is also provided for connection to a stereo audio line.

PNP350:

AC power cable (2)	= AC power
Red RJ-45 cables (6)	= for independent network connections

OPERATION 7

7.1 OPERATING THE POP-UP PANEL

To raise the unit, push down on the center of the top cover of the **PNP300/350** until a click is heard and then let go. The connector panel will pop up to allow access to the connectors.

To lower the unit, disconnect all cables on the front connector panel. Then push down on the center of the top cover until the latch engages and the unit is locked in place.

TROUBLESHOOTING GUIDE 8

The **PNP300/350** supplied unit was carefully tested and no problems were detected; however, we would like to offer these suggestions.

- Please make sure that the highest quality video, audio, network, and telephone cables or connectors are used.
- Make sure that no cable or power cord is damaged or pinched. If there has been damage, then do not use the **PNP300/350** unit. Immediately contact the ALTINEX Customer Service Department to have the unit repaired.

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9.1 LIMITED WARRANTY/RETURN POLICIES

Please see the ALTINEX website at www.altinex.com for details on warranty and return policies.

9.2 CONTACT INFORMATION

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