

CN5008US/DUAL AC POWER MODULE FOR CABLE-NOOK User's Guide

Welcome!

We greatly appreciate your CN5008US. We are sure you will find it reliable and simple to use. Superior performance for the right price, backed by solid technical and customer support is what ALTINEX has to offer.

We are committed to providing our customers with Signal Management Solutions® to the most demanding audiovisual installations at competitive pricing and we welcome you to join the ranks of our many satisfied customers throughout the world.

1. Precautions and Safety Warnings

Please read this manual carefully before using your CN5008US. Keep this manual handy for future reference. These safety instructions are to ensure the long life of your CN5008US and to prevent fire and shock hazards. Please read them carefully and heed all warnings.

1.1 General

- There are no user serviceable parts inside. Qualified ALTINEX service personnel must perform all service.

1.2 Handling

- To prevent fire or shock, do not expose this unit to water or moisture. Do not place the CN5008US 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 unit carefully. Dropping or jarring can cause damage.
- Do not pull any cables that are attached to the CN5008US.
- Do not place heavy objects on top of the CN5008US.

2. Installation Procedures

The CN5008US can be installed inside a Cable-Nook or into furniture horizontally or vertically as shown. Typically, furniture units are installed in a tabletop, but can be installed inside a desk or podium.

Note: Download and read the entire online manual to become familiar with the CN5008US.

Step 1. Locate the best position for the CN5008US.

Step 2. If installing in furniture, prepare the cutout for the table.

Warning: ALTINEX recommends using an experienced professional to make the table cutout in order to insure accuracy and to be aesthetically pleasing.

Step 3. Install the CN5008US into the Cable-Nook opening or tabletop.

Tabletop: Route the power cord down through the opening in the tabletop. Fasten the CN5008US to the surface using the appropriate screws.

Cable-Nook: Route the power cord down through the opening in the Cable-Nook. Fasten the CN5008US to the surface using the 4 screws provided with the unit. The CN5008US requires 6 hole sets of the 23 total hole sets available in the Cable-Nook.

3. Limited Warranty/Return Policies

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

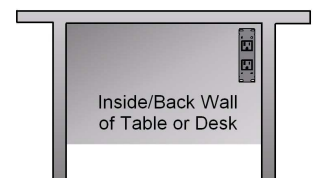
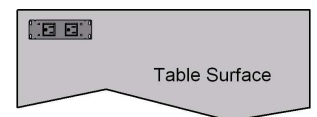
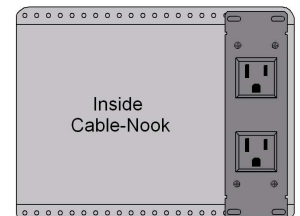
1.3 Cleaning

- Unplug the CN5008US 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.

Installation Options



4. Technical Specifications

Specifications are subject to change. See www.altinex.com for up-to-date information.

Features/Description	CN5008US
Pass-Through AC Power	9-10 ft (2.7 to 3.0 m)
120 VAC, 60 Hz, 12 A	NEMA F (2) NEMA M (1)
Compatibility	
Cable-Nook Series	Requires 6 hole sets *
Agency Approvals	
UL Listed	File E254082
Safety	UL, CUL
Accessories Included	
Hardware	Mounting screws

Table 1. CN5008US General

Mechanical	CN5008US
Material/Color	0.05 in Al, Black
Height (face plate)	4.49 in (114.1 mm)
Height (body only)	3.54 in (89.9 mm)
Width	1.36 in (34.5 mm)
Depth **	1.75 in (44.5 mm)
Net Weights	1.3 lb (0.59 kg)
Shipping Weights (approximate)	2.0 lb (0.9 kg)
T° Operating	10°C-35°C
T° Maximum	50°C
Humidity	90% non-condensing

Table 2. CN5008US Mechanical

Electrical	CN5008US
Pass-Through AC (total through both receptacles)	1440 W max.

Table 3. CN5008US Electrical

* The Cable-Nook has a total of 23 hole sets for custom modules.

** Dimension does NOT include power cord or strain relief outside of enclosure. Strain relief extends approximately 1.1 in (28 mm) outside edge of enclosure and does not include bend radius of power cord.

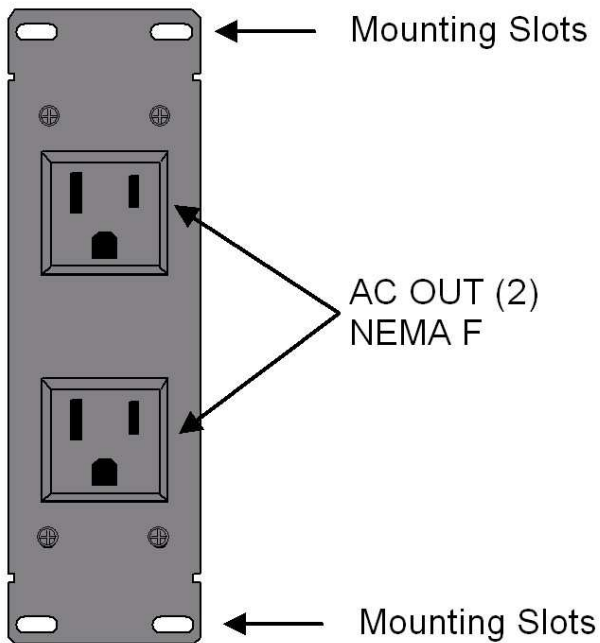
5. About Your CN5008US

- UL Listed for US and Canada
- 12A load capacity
- Compact and easy to install
- Two standard AC power outlets for U.S. , Canada , Mexico, or Japan
- Comes with 9 ft (3 m) cable terminated with a single male plug
- Covers 6-screw-hole sets of the Cable Nook.

The ALTINEX CN5008US Dual AC Power Module is designed for use inside ALTINEX's Cable-Nook series of interconnect boxes, but can also be installed directly into furniture. The Cable-Nook is designed for boardrooms and conference rooms where it provides a simple and effective means of hiding/storing multimedia cables and connectors. The cables remain connected to a presentation system enabling the user to access connections to video, audio, and other media sources. The modular Cable-Nook uses a half-moon lid that remains flush with the table when not in use.

The CN5008US module provides safe, ample AC power for users to power laptops, projectors, or other presentation equipment.

To access the CN5008US power module inside the Cable-Nook, simply lift the door and plug in to the AC receptacles the same as any other AC power outlet. The lid closes easily even with several cables in use.



6. Application Diagrams

Diagram 1: Typical Setup

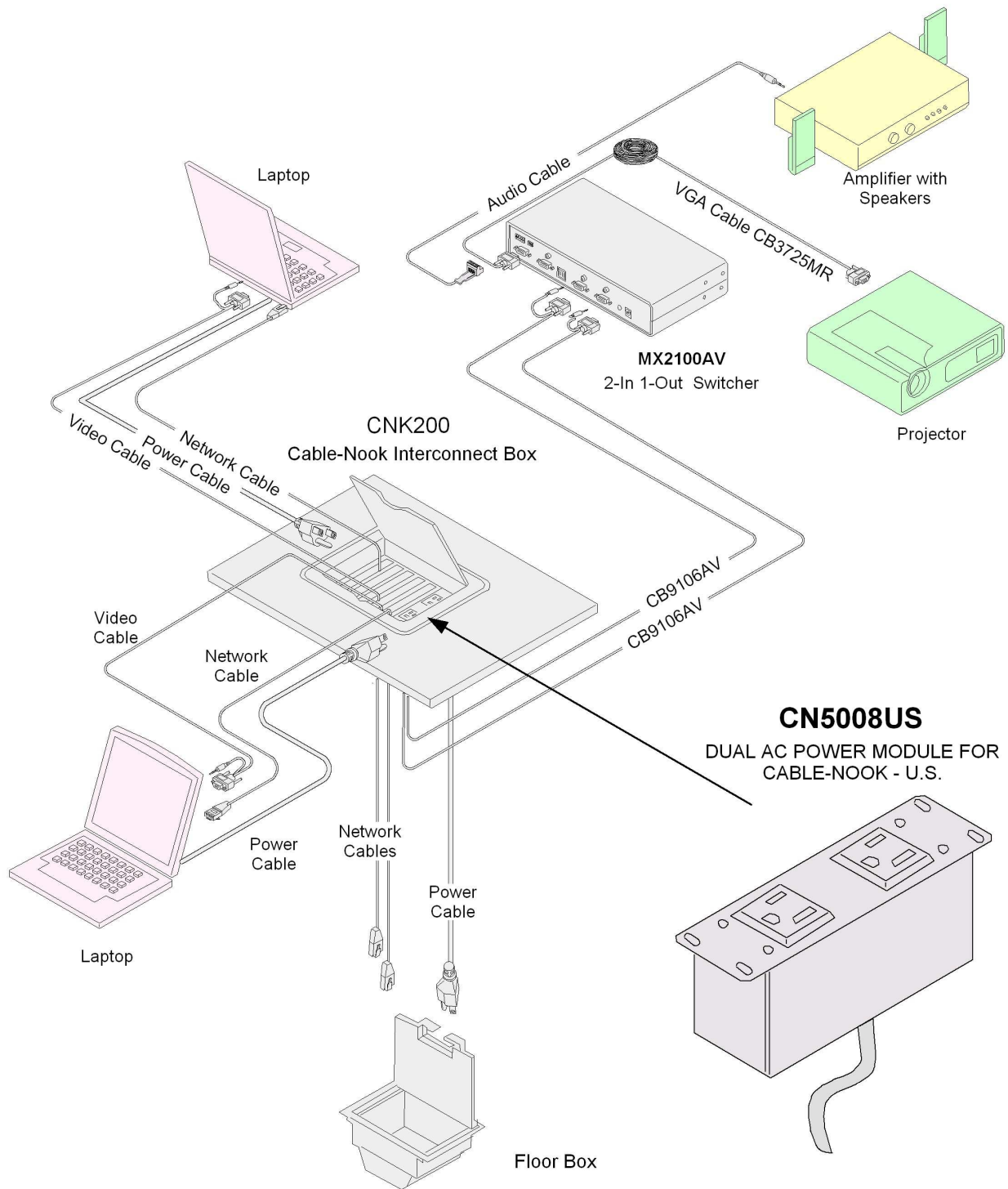
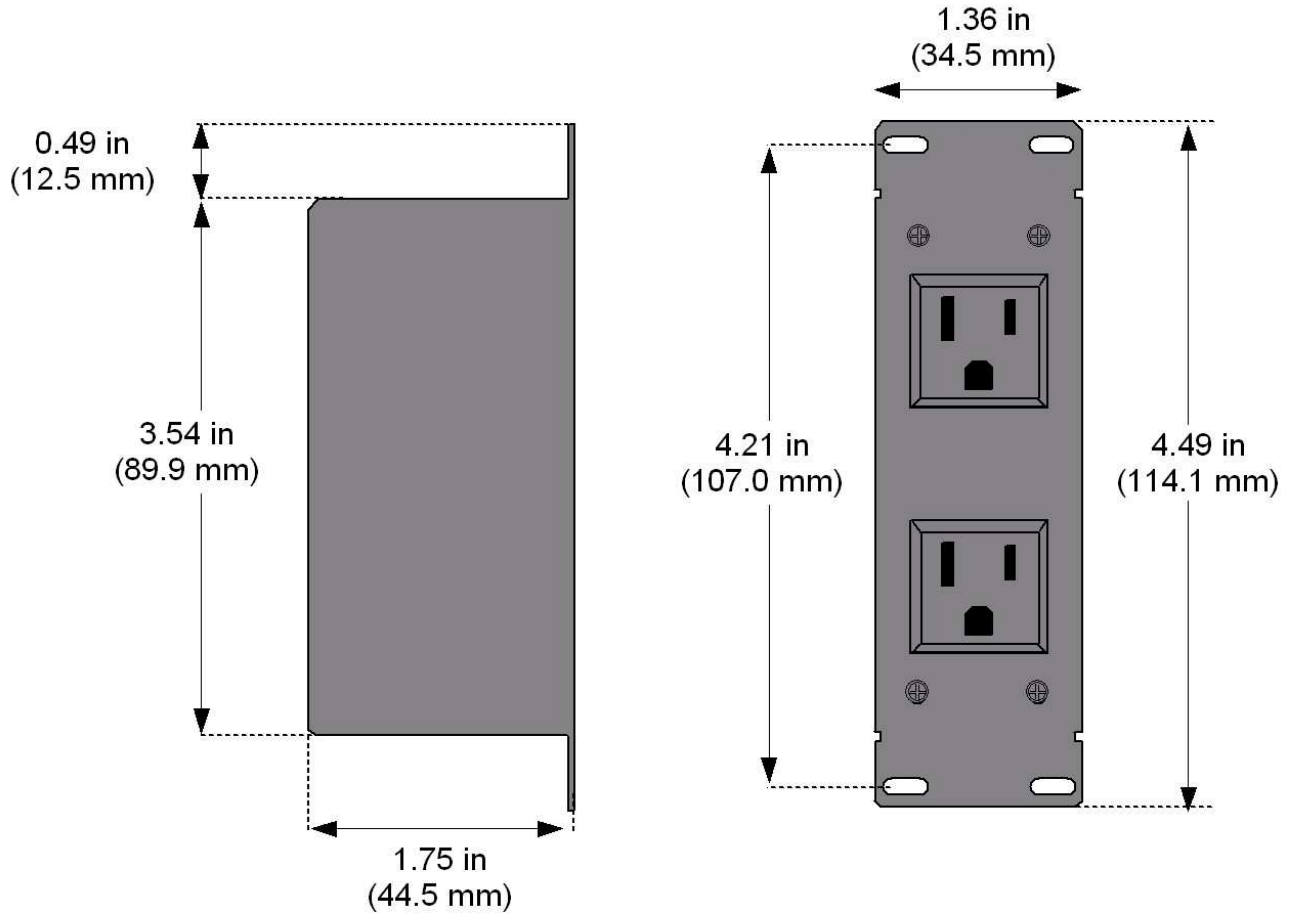


Diagram 2: Dimensions



7. Operation

The CN5008US requires no adjustments for optimum performance.

Once installed, the CN5008US will work trouble-free without user intervention.

8. Troubleshooting Guide

We have carefully tested and found no problems in the supplied CN5008US; however, if you experience any problems or have questions, call ALTINEX at (714) 990-2300.