



Shown with Crown® XLi 800 Amplifier Installed (Not Included)

## Features

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- Heavy Duty 19" 2U Vertical Rack Frame for Mounting Crown® Power Amplifiers
- Multiple Rack Frame Mounting Locations to Accommodate Various Size Power Amplifiers
- Dual 4" Vents with Rain Shields to Expel Heat
- Dual Thermostat Controlled Cooling Fans
- Heavy Duty Fiberglass Reinforced Polyester (FRP) Construction
- (4) 120VAC Outlets with Pre-wired 5 foot power cord
- Dual Quarter-Turn Door Latches with Removable Keys!
- Includes Cable Glands, Rack Mounting Hardware and Mounting Feet
- NEMA Type 3R, 3RX / IP24 Rated
- Optional Lockable Latch Sets Available

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## **Description**

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The **Altelix NFC32VFA1C-RV2U-CWN1** 19" Vented Fan Cooled Weatherproof NEMA Enclosure is designed for protecting rack mountable Crown® Power Amplifiers from harsh environments and tampering. Equipment designed for indoor use can now be located outside. Easy to deploy since no wiring is required. Simply mount the enclosure and plug the pre-wired 5 foot power cord into a nearby outlet. The equipment mounting plate features (2) pre-wired duplex 120VAC power outlets (4 outlets total).

### **Internal 2U 19" Vertical Power Amplifier Rack**

The NFC32VFA1C-RV2U-CWN1 features a heavy duty 19" 2U vertical equipment rack for mounting a Crown® Power Amplifier. Multiple mounting positions for the rack are provided to accommodate a wide range of power amplifier sizes.

**Installation Note:** The max. depth of the 2U rack is 24.2" (615.9mm). Before ordering please check the dimensions of the equipment to be installed to ensure proper fit.

### **Cable Glands**

The enclosure features our unique PG-16 cable glands with a closed inner seal. They are installed in the open ports to maintain the NEMA rating of the enclosure when not in use. When required for use, simply punch a hole through the inner membrane, run your cables and tighten for a water-tight seal. Also included in the accessory kit are (2) PG25 cable glands and a 35mm diameter cable grommet. Their large size can accommodate XLR and SpeakOn audio cables. (Note: Use of PG25 cable glands and 35mm grommet are optional. Holes for these items must be drilled by the installer.)

### **Designed for use with Crown® 2U Power Amplifiers**

The NFC32VFA1C-RV2U-CWN1 can be used with most 2U Crown® 2U Power Amplifiers. These include:

XLS 202	XLi 800
XLS 402	XLi 1500
XLS 602	XLi 2500
XLS 802	XLi 3500
XLS 1002	XTi 1002
XLS 1502	XTi 2002
XLS 2002	XTi 4002
XLS 2502	XTi 6002
XLC 21300	CDi 1000
XLC 2500	CDi 2000
XLC 2800	CDi 4000
	CDi 6000

## Construction and Features

This rugged enclosure is molded from durable and UV resistant fiberglass reinforced polyester (FRP). The door is fully gasketed making this enclosure suitable for use indoors or outdoors. The lockable door features reinforced hinges and dual quarter-turn latches to secure the enclosure and is locked and unlocked using the included removable keys. A drip rail over the door provides additional protection against water dripping into the cabinet while the enclosure is wet.

## Dual Cooling Fans Ventilation

This enclosure features dual 4" vents and dual thermostat controlled cooling fans. The low noise, high airflow fans help maintain lower internal temperatures by allowing air to be either pushed or pulled through the enclosure. The fans turn on when the internal temperature reaches 100°F (38°C) and turn off when it drops to 79°F (26°C). Both fans are wired internally so they do not require the use of the AC outlets leaving them available for internal equipment use. Rain shrouds on the front door keep rainwater from entering the enclosure.

## Mounting

Four mounting feet are included so that the enclosure can be securely mounted to a wall or other structure. For pole mounting Altelix has available the optional NMHS-600-16 pole mount kit. This heavy-duty kit features (2) 14 gauge steel mounting brackets and (2) heavy-duty 19 gauge 304 stainless steel adjustable bands which can be used to mount to poles from 4.5" (114.3mm) to 16" (406.4mm) in diameter.

## Optional Lockable Latches

For additional protection of internal equipment installed, three lockable latches are available. The HN-0005 is a keyed lock set which includes two keys. Similar to the HN-0005, the HN-0001 has an interlock feature that traps the key when it is in the unlocked position. The HN-0006 allows the enclosure to be securely locked via use of a padlock (not included). All of these optional lockable latches are direct replacements for the standard quarter-turn latches that come pre-installed in the enclosures.

## Customization

In addition to this enclosure, Altelix can customize enclosures for most audio applications as well as design enclosures to accommodate other power amplifier manufacturers. We offer full customization, engineering and on-site CNC machining of enclosures and associated equipment, all with quick turnaround time. Please contact us with your unique requirements.

## Product Photos

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## Product Photos

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**Shown with Crown® XLS 802 Amplifier Installed**  
(Not Included)



## Specifications

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<b>Material</b>	Fiberglass Reinforced Polyester
<b>Color</b>	Light Gray
<b>Voltage / Max. Load</b>	120VAC / 10A @ 120VAC
<b>Outer Dimensions</b> (Height x Width x Depth)	31.7 x 23.6 x 13.3 Inches (805 x 602 x 339 mm)
<b>Inner Dimensions</b> (Height x Width x Depth)	25.9 x 21.2 x 9.0 Inches (650 x 540 x 229 mm)
<b>Cooling Fans Turn-On Temperature</b>	100°F (38°C)
<b>Cooling Fans Turn-Off Temperature</b>	79°F (26°C)
<b>Rack Frame</b>	19" Width 2U Vertical Mount
<b>Rack Frame Weight Rating</b>	66 lbs. (30kg)
<b>Equipment Plate Material</b>	0.11 In. (3.0 mm) Aluminum
<b>Equipment Plate Dimensions</b>	21.3 x 29.5 In. (540 x 749 mm)
<b>Power Cord Length</b>	5 Feet (1.5M)
<b>Weight</b>	45.2 lbs. (20.5 kg)
<b>Ratings</b>	NEMA Type 3R, 3RX / IP24
<b>Compatible Crown® Models</b>	<ul style="list-style-type: none"> <li>XLS 202</li> <li>XLS 402</li> <li>XLS 602</li> <li>XLS 802</li> <li>XLS 1002</li> <li>XLS 1502</li> <li>XLS 2002</li> <li>XLS 2502</li> <li>XLC 21300</li> <li>XLC 2500</li> <li>XLC 2800</li> <li>XLi 800</li> <li>XLi 1500</li> <li>XLi 2500</li> <li>XLi 3500</li> <li>XTi 1002</li> <li>XTi 2002</li> <li>XTi 4002</li> <li>XTi 6002</li> <li>CDi 1000</li> <li>CDi 2000</li> <li>CDi 4000</li> <li>CDi 6000</li> </ul>