Altelix NP Series
Polycarbonate + ABS Weatherproof
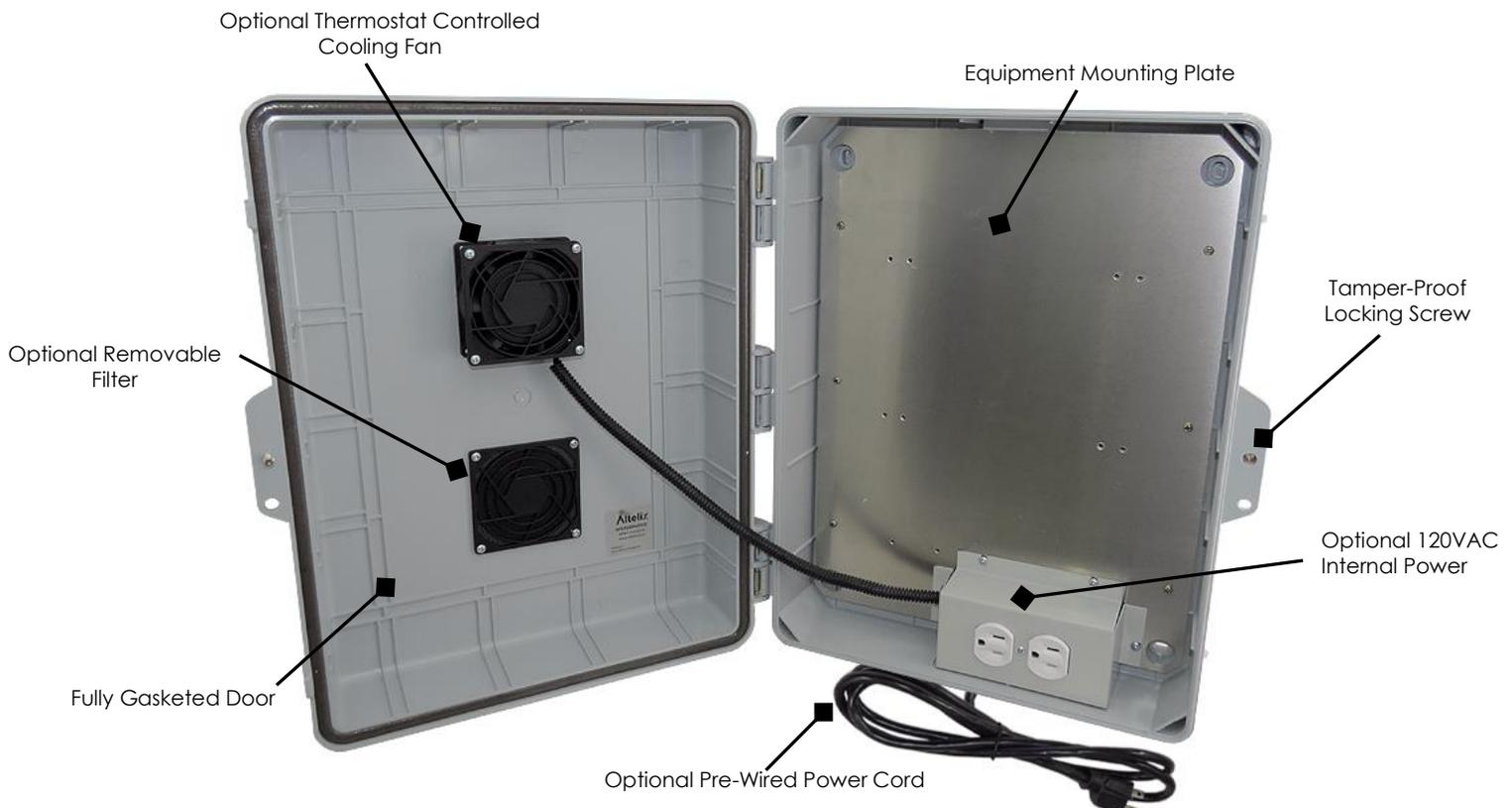## NEMA Enclosures

Altelix
CONNECTIVITY EVOLVED™

Overview

The Altelix NP Series Weatherproof NEMA Enclosures are ideal for protecting equipment from harsh environments and tampering. These enclosures are molded out of UV resistant PC+ABS, a high tech thermoplastic blend of polycarbonate and ABS which combines the best qualities of both into a single material. These rugged enclosures can be used to protect a wide range of equipment, from wireless and wired networking devices, security equipment and building automation equipment. Model options include 120 VAC and 12/24/48 VDC powered enclosures, thermostat controlled cooling fans as well as vented versions. In addition to our standard enclosures, Altelix can provide customized enclosures to suit a customer's specific requirements.

The following are some of the features and options available:

- Enclosure sizes include 14x11x5 and 17x14x6 in.
- Fully gasketed door with reinforced hinges, dual latches and removable tamper-proof locking screw with key to secure the enclosure.
- Colors include Gray, Black, Light Ivory, Green, Red and Yellow.
- 120 VAC powered enclosures feature power outlets and a pre-wired 5 foot power cord.
- Optional thermostat controlled cooling fans.
- Indoor and outdoor vented models. Outdoor models feature rain shields.
- Optional pole mounting kits available.

The following example shows some of the features and options available. The model shown is a 17x14x6 PC+ABS enclosure – model #**NP171406VFA1C**

Optional Thermostat Controlled Cooling Fan

Equipment Mounting Plate

Optional Removable Filter

Tamper-Proof Locking Screw

Optional 120VAC Internal Power

Fully Gasketed Door

Optional Pre-Wired Power Cord

Altelix LLC USA: 866-660-WIFI (9434) +1 561-660-9434 sales@altelix.com   www.altelix.com

Enclosure Features & Options

Enclosure
The NP Series enclosures are molded out of UV resistant PC+ABS, a high tech thermoplastic blend of polycarbonate and ABS which combines the best qualities of both into a single material. PC+ABS enclosures are superior to ABS enclosures because they maintain high toughness, durability and dimensional stability even at extreme cold and hot temperatures. This material meets UL94-V0 flame rating.

These enclosures feature a fully gasketed door to protect from dust and water ingress. The door features reinforced hinges, dual latches and a tamper-proof locking screw with key to secure the enclosure. There is also a provision for padlock use. Internal and external electrical ground points are also provided.

Aluminum Equipment Plate
The enclosure and plate can be drilled and modified by the installer to suit unique site requirements. In addition, the mounting plate features pre-drilled hole patterns for mounting DIN rails inside the enclosure.

Cooling Fan Ventilation
Model with this option feature dual 3" vents and a thermostat controlled cooling fan. The low noise, high airflow fan helps maintain lower internal temperatures. The fan turns on when the internal temperature reaches 100°F (38°C) and turns off when it drops to 79°F (26°C). The fan is wired internally so it does not require the use of the AC outlets leaving them available for internal equipment use. Rain shrouds on the front door keep rain water from entering the enclosure, and the internal aluminum mesh filters are removable for cleaning. Dual fans are also available by request.

Ventilation
Enclosures with this option feature two 3 inch air vents with cleanable filters. On outdoor models the air vents are covered by rain shields which help prevent rain water from entering the enclosure.

Mounting
The NP Series Enclosures can be wall mounted using the included wall anchors. An optional pole mount kit is also available for installation on poles up to 8 inches in diameter.

Customization
We offer numerous standard models and options including equipment mounting plates, DIN rails, AC or DC power, air vents, cooling fans and heaters and more. We also 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.
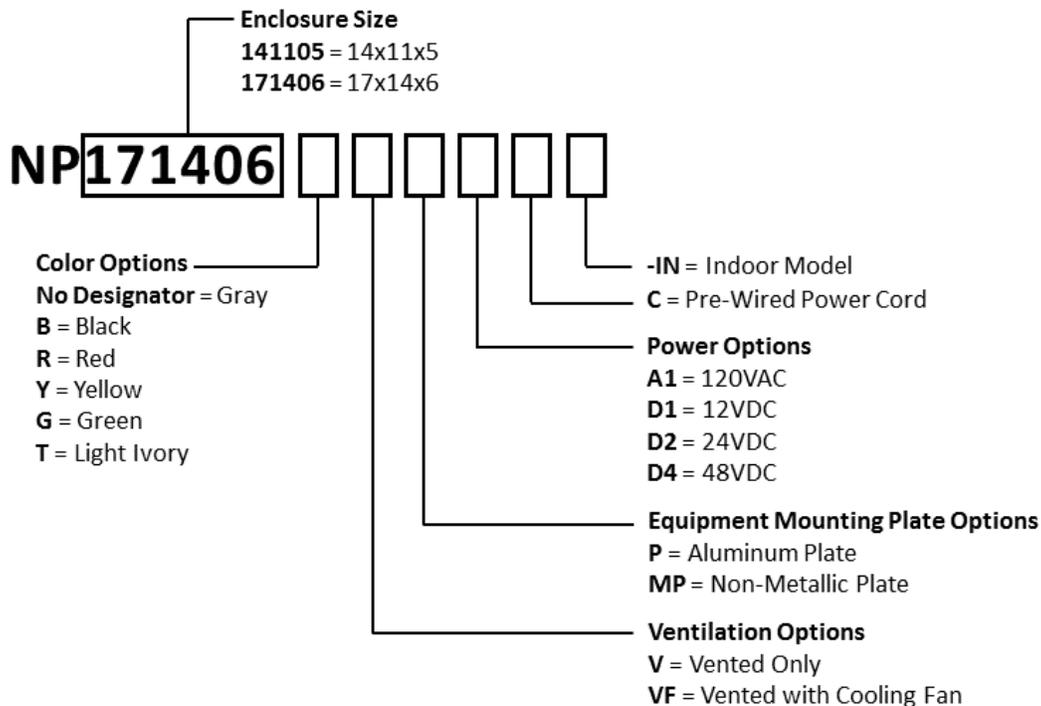
Enclosures shown with Pole Mounting Kit

Altelix LLC USA: 866-660-WIFI (9434) +1 561-660-9434 sales@altelix.com   www.altelix.com

Ordering Guide

The NP Series enclosures are available in the following colors: Red, Gray, Black, Green, Yellow and Light Ivory.

In addition to the standard colors, there are multiple options available when ordering. The chart below is provided as a reference to help you understand the Altelix standard NP Series part numbers.

Enclosure Size
141105 = 14x11x5
171406 = 17x14x6

NP 171406 ☐☐☐☐☐☐

Color Options
No Designator = Gray
B = Black
R = Red
Y = Yellow
G = Green
T = Light Ivory

-IN = Indoor Model
C = Pre-Wired Power Cord

Power Options
A1 = 120VAC
D1 = 12VDC
D2 = 24VDC
D4 = 48VDC

Equipment Mounting Plate Options
P = Aluminum Plate
MP = Non-Metallic Plate

Ventilation Options
V = Vented Only
VF = Vented with Cooling Fan

Example:

NP171406BVFA1C = Black Vented 17x14x6 Enclosure with Cooling Fan, 120VAC Outlets and Pre-Wired Power Cord

Altelix LLC USA: 866-660-WIFI (9434) +1 561-660-9434 sales@altelix.com   www.altelix.com

Non-Powered

Features:
- Includes wall mount hardware and cable grommets
- NEMA 3, 3X and IP55 rated

Model	Colors	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions* H x W x D Inches (mm)	Weight lbs. (kg)
NP141105 NP141105B NP141105R NP141105Y NP141105G NP141105T	Gray Black Red Yellow Green Light Ivory	13.4 x 11.6 x 5.0 (340 x 294 x 127)	12.0 x 8.0 x 4.0 (305 x 203 x 102)	2.8 (1.3)
NP171406 NP171406B NP171406R NP171406Y NP171406G NP171406T	Gray Black Red Yellow Green Light Ivory	16.5 x 13.7 x 5.3 (420 x 348 x 134)	14.0 x 9.0 x 4.0 (355 x 229 x 102)	4.1 (1.9)

*Interior dimensions represent maximum space available for equipment.

NP141105

NP141105G

NP171406B

NP171406T

Altelix LLC USA: 866-660-WIFI (9434) +1 561-660-9434 sales@altelix.com www.altelix.com

Non-Powered with Blank Aluminum Equipment Mounting Plate

Features:
- 2.0mm thick aluminum equipment mounting plate
- Includes wall mount hardware and cable grommets
- NEMA 3, 3X and IP55 rated

Model	Colors	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions* H x W x D Inches (mm)	Weight lbs. (kg)
NP141105P NP141105BP NP141105RP NP141105YP NP141105GP NP141105TP	Gray Black Red Yellow Green Light Ivory	13.4 x 11.6 x 5.0 (340 x 294 x 127)	12.0 x 8.0 x 4.0 (305 x 203 x 102)	3.3 (1.5)
NP171406P NP171406BP NP171406RP NP171406YP NP171406GP NP171406TP	Gray Black Red Yellow Green Light Ivory	16.5 x 13.7 x 5.3 (420 x 348 x 134)	14.0 x 9.0 x 4.0 (355 x 229 x 102)	5.1 (2.3)

*Interior dimensions represent maximum space available for equipment.

NP141105P

NP141105YP

NP171406P

NP171406TP

Altelix LLC USA: 866-660-WIFI (9434) +1 561-660-9434 sales@altelix.com   www.altelix.com

DS_NP_SERIES Rev L 10/31/19

Non-Powered Outdoor Vented

Features:
- Two vents with rain shields to prevent water from entering the enclosure
- Includes wall mount hardware and cable grommets
- NEMA 3R, 3RX and IP24 rated

Model	Colors	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions* H x W x D Inches (mm)	Weight lbs. (kg)
NP141105V NP141105BV NP141105RV NP141105YV NP141105GV NP141105TV	Gray Black Red Yellow Green Light Ivory	13.4 x 11.6 x 6.3 (340 x 294 x 161)	12.0 x 8.0 x 4.0 (305 x 203 x 102)	3.2 (1.4)
NP171406V NP171406BV NP171406RV NP171406YV NP171406GV NP171406TV	Gray Black Red Yellow Green Light Ivory	16.5 x 13.7 x 6.5 (420 x 348 x 166)	14.0 x 9.0 x 4.0 (355 x 229 x 102)	4.4 (2.0)

*Interior dimensions represent maximum space available for equipment.

NP141105YV

NP141105V

NP171406RV

NP171406BV

Non-Powered Outdoor Vented with Blank Aluminum Equipment Mounting Plate

Features:
- Two vents with rain shields to prevent water from entering the enclosure
- 2.0mm thick aluminum equipment mounting plate
- Includes wall mount hardware and cable grommets
- NEMA 3R, 3RX and IP24 rated

Model	Colors	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions* H x W x D Inches (mm)	Weight lbs. (kg)
NP141105VP NP141105BVP NP141105RVP NP141105YVP NP141105GVP NP141105TVP	Gray Black Red Yellow Green Light Ivory	13.4 x 11.6 x 6.3 (340 x 294 x 161)	12.0 x 8.0 x 4.0 (305 x 203 x 102)	4.4 (2.0)
NP171406VP NP171406BVP NP171406RVP NP171406YVP NP171406GVP NP171406TVP	Gray Black Red Yellow Green Light Ivory	16.5 x 13.7 x 6.5 (420 x 348 x 166)	14.0 x 9.0 x 4.0 (355 x 229 x 102)	6.0 (2.7)

*Interior dimensions represent maximum space available for equipment.

NP141105TVP

NP141105YVP

NP171406BVP

NP171406VP

Altelix LLC USA: 866-660-WIFI (9434) +1 561-660-9434 sales@altelix.com   www.altelix.com

Non-Powered Pole Mount

These Non-Powered enclosures includes the NMK Series Pole Mounting Kit that supports installation on poles up to 8 inches in diameter. This removable powder coated steel pole mounting bracket includes (2) heavy duty stainless steel adjustable bands that adjust for poles up to 8 inches in diameter. Larger diameter bands are also available.

Features:

- Includes Steel Pole Mount Bracket and (2) Stainless Steel Bands for Mounting on Poles Up To 8 Inches in Diameter
- Also includes wall mount hardware and cable grommets

Model	Colors	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions* H x W x D Inches (mm)	Weight* lbs. (kg)
NP141105-PKIT02 NP141105V-PKIT02 NP141105R-PKIT02 NP141105Y-PKIT02	Gray Gray Red Yellow	13.4 x 11.6 x 5.0 (340 x 294 x 127)	12.0 x 8.0 x 4.0 (305 x 203 x 102)	4.0 (1.8)
NP171406-PKIT01 NP171406V-PKIT01 NP171406R-PKIT01 NP171406Y-PKIT01	Gray Gray Red Yellow	16.5 x 13.7 x 5.3 (420 x 348 x 134)	14.0 x 9.0 x 4.0 (355 x 229 x 102)	5.7 (2.6)

*Interior dimensions represent maximum space available for equipment.
 Weight includes Enclosure and Pole Mount Kit

Note: Additional colors available (Gray, Red, Green, Yellow and Light Ivory) upon request.

NP141105V-PKIT02
(Vented Model)

NP141105R-PKIT02

NP171406Y-PKIT01

NP171406-PKIT01

Altelix LLC USA: 866-660-WIFI (9434) +1 561-660-9434 sales@altelix.com   www.altelix.com

Altelix™
CONNECTIVITY EVOLVED™

120 VAC Powered with Power Cord

Features:

- Removable power module with two 120 VAC power outlets
- Includes 5 foot pre-wired power cord for plug and play installation
- 2.0mm thick aluminum equipment mounting plate
- Includes wall mount hardware and cable grommets
- NEMA 3, 3X and IP55 rated

Model	Colors	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions* H x W x D Inches (mm)	Weight lbs. (kg)
NP141105A1C NP141105BA1C NP141105RA1C NP141105YVA1C NP141105GA1C NP141105TA1C	Gray Black Red Yellow Green Light Ivory	13.4 x 11.6 x 5.0 (340 x 294 x 127)	9.5 x 8.0 x 4.0 (241 x 203 x 102)	4.4 (2.0)
NP171406VA1C NP171406BA1C NP171406RA1C NP171406YA1C NP171406GA1C NP171406TA1C	Gray Black Red Yellow Green Light Ivory	16.5 x 13.7 x 5.3 (420 x 348 x 134)	11.5 x 9.0 x 4.0 (292 x 229 x 102)	6.0 (2.7)

*Interior dimensions represent maximum space available for equipment.

NP141105A1C

NP141105BA1C

NP171406GA1C

NP171406TA1C

Altelix LLC USA: 866-660-WIFI (9434) +1 561-660-9434 sales@altelix.com   www.altelix.com

Altelix
CONNECTIVITY EVOLVED™

Vented 120 VAC Powered with Power Cord

Features:
- Removable power module with two 120 VAC power outlets
- Includes 5 foot pre-wired power cord for plug and play installation
- 2.0mm thick aluminum equipment mounting plate
- Two vents with rain shields to prevent water from entering the enclosure
- Includes wall mount hardware and cable grommets
- NEMA 3R, 3RX and IP24 rated

Model	Colors	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions* H x W x D Inches (mm)	Weight lbs. (kg)
NP141105VA1C NP141105BVA1C NP141105RVA1C NP141105YVA1C NP141105GVA1C NP141105TVA1C	Gray Black Red Yellow Green Light Ivory	13.4 x 11.6 x 6.3 (340 x 294 x 161)	9.5 x 8.0 x 3.9 (241 x 203 x 98)	4.7 (2.1)
NP171406VA1C NP171406BVA1C NP171406RVA1C NP171406YVA1C NP171406GVA1C NP171406TVA1C	Gray Black Red Yellow Green Light Ivory	16.5 x 13.7 x 6.5 (420 x 348 x 166)	11.5 x 9.0 x 4.1 (292 x 229 x 105)	6.4 (2.9)

*Interior dimensions represent maximum space available for equipment.

NP141105TVA1C

NP141105YVA1C

NP171406BVA1C

NP171406VA1C

Altelix LLC USA: 866-660-WIFI (9434) +1 561-660-9434 sales@altelix.com   www.altelix.com

Vented 120 VAC Powered with Cooling Fan and Power Cord

Features:

- Thermostat controlled cooling fan - Fan turns on when the internal temperature reaches 100°F (38°C) and turns off when it drops to 79°F (26°C)
- Rain shrouds on the front door keep rain water from entering the enclosure
- Removable power module with two 120 VAC power outlets and a 5 foot pre-wired power cord
- 2.0mm thick aluminum equipment mounting plate
- Includes wall mount hardware and cable grommets
- NEMA 3R, 3RX and IP24 rated

Model	Colors	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions* H x W x D Inches (mm)	Weight lbs. (kg)
NP141105VFA1C NP141105BVFA1C NP141105RVFA1C NP141105YVFA1C NP141105GVFA1C NP141105TVFA1C	Gray Black Red Yellow Green Light Ivory	13.4 x 11.6 x 6.3 (340 x 294 x 161)	9.5 x 8.0 x 3.2 (241 x 203 x 81)	5.4 (2.4)
NP171406VFA1C NP171406BVFA1C NP171406RVFA1C NP171406YVFA1C NP171406GVFA1C NP171406TVFA1C	Gray Black Red Yellow Green Light Ivory	16.5 x 13.7 x 6.5 (420 x 348 x 166)	11.5 x 9.0 x 3.2 (292 x 229 x 81)	6.8 (3.0)

*Interior dimensions represent maximum space available for equipment.

NP141105RVFA1C

NP141105VFA1C

NP171406TVFA1C

NP171406GVFA1C

Altelix LLC USA: 866-660-WIFI (9434) +1 561-660-9434 sales@altelix.com   www.altelix.com

Vented DC Powered with Cooling Fan

Features:

- Thermostat controlled DC cooling fan - Fan turns on when the internal temperature reaches 100°F (38°C) and turns off when it drops to 79°F (26°C)
- Rain shrouds on the front door keep rain water from entering the enclosure
- DC power terminal strip
- 2.0mm thick aluminum equipment mounting plate
- Includes wall mount hardware and cable grommets
- NEMA 3R, 3RX and IP24 rated

Model	Voltage	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions* H x W x D Inches (mm)	Weight lbs. (kg)
NP141105VFD1 **NP141105VFD2** **NP141105VFD4**	12VDC 24VDC 48VDC	13.4 x 11.6 x 6.3 (340 x 294 x 161)	9.5 x 8.0 x 3.9 (241 x 203 x 98)	4.7 (2.1)
NP171406VFD1 **NP171406VFD2** **NP171406VFD4**	12VDC 24VDC 48VDC	16.5 x 13.7 x 6.5 (420 x 348 x 166)	11.5 x 9.0 x 4.1 (292 x 229 x 105)	6.4 (2.9)

*Interior dimensions represent maximum space available for equipment.

NP141105VFD

NP171406VFD

Note: SLight Ivorydard color is Gray. Additional colors available (Black, Red, Green, Yellow and Light Ivory) upon request.

NEMA 3X Emergency Phone Call Box

Overview

The Altelix TBP17 Series Outdoor Weatherproof Phone Call Box is ideal for deploying emergency telephones and service phones in outdoor locations and harsh environments. This model features an aluminum mounting plate, aluminum cover to conceal the telephone wire and a wall mount RJ11 jack. A break-away security seal is also provided in the accessory kit. Standard label options include an Emergency Phone Label or a Service Phone label.

Phone Not Included

Features:

- Includes aluminum mounting plate with RJ11 wall mount jack
- Optional pole mounting kit available
- Available with or without labels
- NEMA 3, 3x and IP55 rated

Model	Color	Exterior Dimensions H x W x D Inches (mm)	Max. Interior Dimensions for Phone H x W x D Inches (mm)	Weight lbs. (kg)
TBP17 TBP17R TBP17Y	Gray Red Yellow	16.5 x 13.7 x 6.5 (420 x 348 x 166)	14.0 x 11.2 x 4.0 (356 x 286 x 102)	5.1 (2.3)

NEMA 3X Emergency Phone Call Box for Slim-Line Phones

Overview

The Altelix TBP14 Series Outdoor Weatherproof Phone Call Box is ideal for deploying low profile Slim-Line type emergency telephones and service phones in outdoor locations and harsh environments. This model features an aluminum mounting plate, aluminum cover to conceal the telephone wire and a wall mount RJ11 jack. A break-away security seal is also provided in the accessory kit. Standard label options include an Emergency Phone Label or a Service Phone label.

Phone Not Included

Features:

- Includes aluminum mounting plate with RJ11 wall mount jack
- Optional pole mounting kit available
- Available with or without labels
- NEMA 3, 3x and IP55 rated

Model	Color	Exterior Dimensions H x W x D Inches (mm)	Max. Interior Dimensions for Phone H x W x D Inches (mm)	Weight lbs. (kg)
TBP14 TBP14R TBP14Y	Gray Red Yellow	13.4 x 11.6 x 6.3 (340 x 294 x 161)	10.5 x 8.0 x 3.7 (267 x 203 x 94)	3.3 (1.5)

RFID Reader Enclosure

Overview

The **NP141105-RR01** and **NP141105V-RR01** are designed specifically for use with the Impinj® Speedway® R420, Motorola® FX7400 and Zebra® FX7500 RFID reader. Mounting holes provided in the equipment mounting plate allow the reader to be securely mounted in the enclosure.

Included with the enclosure are (4) pre-wired RP-TNC Male to RP-TNC Female Bulkhead low loss cable assemblies. These allow antennas to be attached directly to the outside of the enclosure.

Features:

- Includes aluminum RFID reader mounting plate
- Includes (4) RP-TNC Cable Assemblies, (1) Ethernet Cable, Wall Mount Hardware and Cable Grommets
- Optional pole mounting kit and CAT5 PoE Lightning and Surge Protector available
- **NP141105-RR01** - NEMA 3, 3x and IP55 rated
- **NP141105V-RR01** – NEMA 3R, 3RX and IP24 rated

Model	Color	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight lbs. (kg)
NP141105-RR01	Gray	13.4 x 11.6 x 5.0 (340 x 294 x 127)	12.0 x 8.0 x 4.0 (305 x 203 x 102)	3.3 (1.5)
NP141105V-RR01	Gray	13.4 x 11.6 x 5.0 (340 x 294 x 127)	12.0 x 8.0 x 4.0 (305 x 203 x 102)	3.7 (1.7)

NP141105-RR01   **NP141105V-RR01**

RFID Readers Not Included

Note: Additional colors available (Black, Red, Green, Yellow and Light Ivory) upon request.

Impinj® and Speedway® are trademarks and/or registered trademarks of Impinj, Inc. Zebra® is a trademark and/or registered trademark of ZIH Corporation. Motorola® is a trademark and/or registered trademark of Motorola Solutions, Inc.

Altelix LLC USA: 866-660-WIFI (9434) +1 561-660-9434 sales@altelix.com   www.altelix.com

Indoor/Outdoor Enclosures for Audio/Video Equipment

Overview

The Altelix NP17AV series enclosures are designed to house and provide indoor and outdoor protection for a wide range of Audio / Video equipment. These fan cooled enclosures provide an easy plug-n-play solution. Audio/Video equipment such as the new SONOS® AMP, SONOS® Connect:Amp™, Apple TV®, Amazon Echo® Link Amp, Control4® EA-3 Controller and Crestron® MC3 Controller can be easily mounted inside these enclosures and a 120VAC power outlet is provided inside. The attached 5 foot power cord allows the enclosure to be connected to any external 120VAC power outlet.

Features:

- Thermostat controlled cooling fan - Fan turns on when the internal temperature reaches 100°F (38°C) and turns off when it drops to 79°F (26°C)
- Includes aluminum equipment mounting plate and universal mounting brackets
- Internal 120 VAC outlets with pre-wired 5 foot power cord
- Includes wall mount hardware – optional pole mount kit available
- NEMA 3R, 3RX and IP rated

Model	Color	Indoor	Outdoor	Exterior Dimensions H x W x D Inches (mm)	Weight lbs. (kg)
NP17AVBK **NP17AVGY** **NP17AVTN**	Black Gray Light Ivory		✔	16.5 x 13.7 x 6.5 (420 x 348 x 166)	6.9 (3.1)

Amazon Echo® Link Amp Not Included

NP17AVBK

Apple TV® Not Included

NP17AVTN

Note: Additional colors available (Red, Green and Yellow) upon request.

SONOS® and Connect:Amp™ are trademarks or registered trademarks of SONOS, Inc. Apple TV® is a trademark or registered trademark of Apple, Inc. Amazon Echo® is a trademark or registered trademark of Amazon.com, Inc. Control4® is a trademark or registered trademark of Control4 Corporation. Crestron® and MC3 3-Series Control System® are trademarks or registered trademarks of Crestron Electronics, Inc.

NMK Pole Mount Kits for NP Series Enclosures

Overview

The Altelix **NMK** Pole Mount Kits easily attach to the rear of the NPF series enclosures. The included adjustable stainless steel bands allow the enclosures to be mounted to poles up to 8 inches (203.2 mm) in diameter. For larger diameter poles (such as telephone poles), the standard bands can be switched out for longer ones. The mounting bracket itself features multiple locations to thread the bands so that small to large poles can be accommodated.

Kits Include:

- Heavy duty steel mounting plate
- (2) Stainless steel adjustable bands

Model	For Use With	Mounting Plate Material
NMK-0001	NP171406 Series Enclosures	Painted Steel
NMK-0002	NP141105 Series Enclosures	Painted Steel

Accessories for NP Series Enclosures

Model	Description
HN-0004	Replacement Door Locking Key
NHP1411A-00	Blank Aluminum Equipment Mounting Plate for NP141105 Series Enclosures
NHP1714A-00	Blank Aluminum Equipment Mounting Plate for NP171406 Series Enclosures

HN-0004   **NHP1411A-00**   **NHP1714A-00**

Altelix LLC USA: 866-660-WIFI (9434) +1 561-660-9434 sales@altelix.com   www.altelix.com