

Weatherproof Enclosures for the LT-800


Overview:

This document outlines key points to consider in selecting an enclosure for the protection of the Stationary LT-800 from various elements when installed in outdoor environments.

Considerations:

1. **Enclosure Size:** The case should have a minimum internal mounting surface of 12 x 10 in. (30.4 x 25.4 cm). This allows for ease of audio and RF connections to the Listen devices.
2. **Enclosure Power:** The case must supply 110 VAC/60 Hz/20 Watts.
3. **Enclosure Ratings:** Case should be NEMA Type 3-4 Rated.
4. **Enclosure Inputs:** AC Power supply / Audio cabling.
5. **Enclosure Outputs:** Coax / Antenna feed line.
6. **Coax Management:** Care should be taken to not bend or flex coax. Consideration should be given to a moldable version of coax.
7. **Environmental Considerations:** Cases can be purchased that provide environmental controls for temperature management. The LT-800 operational temperature range is 14°F to 104°F

Suggested Enclosures:

Manufacturer	Part Number	Comments	
L-com Connectivity	NB141207-100	Base Model	
	NB141207-1H0	Base Model with Thermostat Controlled Heater	
	NB141207-10F	Base Model with Thermostat Controlled Cooling Fan	
	NB141207-1HF	Base Model with Thermostat Controlled Heaters & Cooling Fan	

Note: Enclosure datasheet included on next page for further information.

Should you have any further questions or concerns, please contact Listen Technologies' Technical Services team at 1-800-330-0891 or support@listentech.com for assistance.

110 VAC Weatherproof Enclosures

Applications and Features

Applications:

- Remote wireless LAN WiFi equipment installations.
- Indoor and outdoor installations.
- Hot and cold temperature environments.
- Corrosive environments.
- Hotspot applications.
- Protection of equipment from theft or damage.



Features:

- Molded fiberglass reinforced polyester enclosure.
- Stainless steel quick release latches with padlock hasps.
- Fully gasketed raised lid.
- Integral mounting flange.
- NEMA Type 4, 4X / IP66 rated (NB141207-100/1H0).
- NEMA Type 3R, 3RX / IP24 rated (NB141207-10F/1HF).
- Features aluminum mounting plate.
- Thermostat-controlled heating or cooling models.
- Optional solid state dual set point temperature controller available.
- 110 VAC Outlets.
- Mounting plate can accommodate WLAN equipment from Cisco®, Symbol®, D-Link®, L-com and more.
- Optional universal equipment shelf and mounting brackets available.