Weatherproof Enclosures for the LT-800 and LR-100

Overview:
This document outlines key points to consider in selecting an enclosure for the protection of the Stationary LT-800 and LR-100 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 and LR-100 operational temperature range is 14°F to 104°F

Suggested Enclosures:

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Part Number</th>
<th>Comments</th>
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</thead>
<tbody>
<tr>
<td>L-com Connectivity</td>
<td>NB141207-100</td>
<td>Base Model</td>
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<tr>
<td></td>
<td>NB141207-1H0</td>
<td>Base Model with Thermostat Controlled Heater</td>
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<td></td>
<td>NB141207-10F</td>
<td>Base Model with Thermostat Controlled Cooling Fan</td>
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<tr>
<td></td>
<td>NB141207-1HF</td>
<td>Base Model with Thermostat Controlled Heaters &amp; Cooling Fan</td>
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</tbody>
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**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.