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› [Notifier](#) /
› [NOTIFIER N-ANN-80-W Remote LCD Annunciator Instruction Manual](#)

Notifier N-ANN-80-W

NOTIFIER N-ANN-80-W Remote LCD Annunciator Instruction Manual

Model: N-ANN-80-W | Brand: Notifier

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the NOTIFIER N-ANN-80-W Remote LCD Annunciator. The N-ANN-80-W is designed to provide remote annunciation of system status and events from a compatible Fire Alarm Control Panel (FACP). It features an 80-character liquid crystal display (LCD) for clear and concise information display.

Please read this manual thoroughly before attempting to install or operate the device to ensure proper functionality and safety.

2. SAFETY INFORMATION

Always observe the following safety precautions during installation, operation, and maintenance:

- Installation must be performed by qualified personnel in accordance with all local and national electrical codes and standards.
- Disconnect all power sources before servicing the annunciator or any connected equipment.
- Ensure proper grounding to prevent electrical shock.
- Do not expose the device to moisture or extreme temperatures.
- Use only approved replacement parts and accessories.
- Refer to the Fire Alarm Control Panel (FACP) manual for specific wiring and compatibility requirements.

3. PRODUCT OVERVIEW

The NOTIFIER N-ANN-80-W Remote LCD Annunciator provides a clear, real-time display of fire alarm system events and status. Its compact design and intuitive interface make it suitable for various applications where remote monitoring is required.



Figure 1: Front view of the NOTIFIER N-ANN-80-W Remote LCD Annunciator, showing the 80-character LCD display, navigation buttons, status indicators, and control buttons.

Key Components:

- **80-Character LCD Display:** Shows system status, event messages, and menu options.
- **Navigation Buttons:** Used to scroll through messages and menu options (Up, Down, Left, Right, Select).
- **Control Buttons:**
 - **Alarm:** Indicates an alarm condition.
 - **Trouble:** Indicates a system trouble condition.
 - **Supervisory:** Indicates a supervisory condition.
 - **Silence:** Silences audible alarms.
 - **Reset:** Resets the fire alarm control panel.
 - **Acknowledge:** Acknowledges new events.
 - **AC Power:** Indicates AC power status.
- **Status Indicators:** LEDs for various system states (e.g., Alarm, Trouble, Supervisory, AC Power).

4. SETUP AND INSTALLATION

Before beginning installation, ensure that all power to the Fire Alarm Control Panel (FACP) is disconnected. Refer to the FACP installation manual for specific wiring diagrams and compatibility information.

4.1 Mounting the Annunciator

1. Select a suitable mounting location that is clean, dry, and within the specified operating temperature range.
2. Secure the annunciator enclosure to a wall or suitable surface using appropriate fasteners. Ensure the mounting is stable and secure.

4.2 Wiring Connections

The N-ANN-80-W connects to the FACP via a communication bus. Specific wiring details will depend on the FACP model. Always follow the FACP manufacturer's instructions for wiring remote annunciators.

- Connect the communication wires from the FACP to the designated terminals on the N-ANN-80-W. Observe polarity.
- Ensure all connections are secure and properly insulated.
- If external power is required (e.g., for battery backup), connect the power source to the appropriate terminals, observing voltage and current ratings.

4.3 Power-Up and Initial Test

1. Once all wiring is complete and verified, restore power to the FACP and the N-ANN-80-W.
2. The annunciator should power on and display its initial startup sequence.
3. Verify communication with the FACP by checking for normal system status messages on the LCD.
4. Perform a functional test by initiating an alarm or trouble condition at the FACP to confirm proper annunciation on the N-ANN-80-W.

5. OPERATING INSTRUCTIONS

The N-ANN-80-W provides a user-friendly interface for monitoring and controlling the fire alarm system remotely.

5.1 Understanding the Display

The 80-character LCD displays system events, status messages, and menu options. Messages typically include event type (e.g., ALARM, TROUBLE), zone/device location, and time/date.

5.2 Navigation Buttons

- **Up/Down Arrows:** Scroll through multiple event messages or menu options.
- **Left/Right Arrows:** May be used for navigating within a message or selecting sub-menus, depending on FACP programming.
- **Select Button:** Confirms a selection or enters a menu.

5.3 Control Buttons

- **ACKNOWLEDGE:** Press to acknowledge new events. This silences the annunciator's internal sounder and changes the event status from "new" to "acknowledged" on the display.
- **SILENCE:** Press to silence the system's audible alarms (e.g., horns, strobes). This action typically requires FACP programming to be enabled from the annunciator.
- **RESET:** Press to reset the fire alarm control panel after an alarm or trouble condition has been resolved. This action typically requires FACP programming to be enabled from the annunciator.

Note: The exact functionality of the SILENCE and RESET buttons from the N-ANN-80-W depends on the programming of the connected Fire Alarm Control Panel. Consult your FACP manual for details.

6. MAINTENANCE

The N-ANN-80-W requires minimal maintenance to ensure continued reliable operation.

- **Cleaning:** Periodically clean the exterior of the annunciator with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Visual Inspection:** Regularly inspect the annunciator for any signs of damage, loose connections, or environmental issues.
- **Functional Testing:** As part of routine fire alarm system testing, verify the annunciator's display and control functions. Refer to NFPA 72 and local codes for testing frequency.
- **Battery Replacement (if applicable):** If the annunciator utilizes a backup battery, ensure it is replaced according to the manufacturer's recommendations or when indicated by a trouble condition.

7. TROUBLESHOOTING

This section provides solutions to common issues encountered with the N-ANN-80-W. For more complex problems, contact qualified service personnel.

Table 1: Common Troubleshooting Scenarios

Problem	Possible Cause	Solution
Annunciator display is blank.	No power, loose power connection, faulty unit.	Verify power supply to the annunciator and FACP. Check all power connections. If problem persists, contact service.
"Communication Loss" message.	Break in communication wiring, FACP issue, incorrect addressing.	Check communication wiring between annunciator and FACP for breaks or shorts. Verify FACP is operational. Confirm annunciator addressing is correct.
Annunciator does not respond to button presses.	Frozen display, FACP communication issue, button malfunction.	Try cycling power to the annunciator (if safe to do so). Check communication. If specific buttons are unresponsive, the unit may require service.
Incorrect event messages displayed.	FACP programming error, communication issue.	Verify FACP programming. Check communication wiring.

8. SPECIFICATIONS

Table 2: Technical Specifications

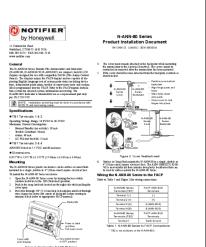
Model Number	N-ANN-80-W
Part Number	NNANN80W
Manufacturer	NOTIFIER
Display Type	80-Character LCD
Power Source	Battery Powered (<i>Note: Typically powered by FACP with battery backup capability</i>)
Alarm Type	Audible
Item Package Quantity	1
UPC	742779302090

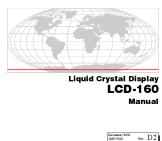
9. WARRANTY AND SUPPORT

For specific warranty information, please refer to the documentation provided with your purchase or contact Notifier directly. Technical support is available through authorized Notifier distributors and service providers. For assistance, please contact your local Notifier representative or visit the official Notifier website for support resources.

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Related Documents - N-ANN-80-W

	<p>Notifier N-ANN-80 Series Fire Announcer Installation Guide Installation guide for the Notifier N-ANN-80 Series Remote Fire Announciators and Indicators (N-ANN-80, N-ANN-80-W, N-ANN-80C), covering specifications, mounting, wiring, and DIP switch configuration.</p>
	<p>Notifier N-ANN-80: 80-Character LCD Serial Announcer Specifications Detailed technical specifications, features, wiring requirements, and agency approvals for the Notifier N-ANN-80 80-Character LCD Serial Announcer, a fire alarm system component.</p>
	<p>Notifier N-ANN-100: 80-Character LCD Remote Fire Announcer - Product Overview Discover the Notifier N-ANN-100, an 80-character LCD remote fire annitizer designed to mimic FACP displays and provide critical system status. Learn about its features, specifications, and integration capabilities for fire alarm systems.</p>
	<p>Notifier LCD-2X20 Series Remote Fire Announcer Installation and Operations Manual Comprehensive guide for Notifier LCD-2X20 Series Remote Fire Announciators, covering installation, operation, wiring, programming, and technical specifications for fire alarm systems.</p>
	<p>Notifier ONYX Series NCA Network Control Announcer - Product Overview and Specifications Detailed information on the Notifier ONYX Series NCA Network Control Announcer, including its general features, hardware capabilities, operational functions, specifications, and agency approvals. Designed for fire alarm networks.</p>



[NOTIFIER LCD-160 Manual: Installation, Operation, and Features of Fire Alarm Annunciator](#)

This manual provides comprehensive details on the NOTIFIER LCD-160, a 240x128 pixel annunciator for fire alarm and emergency communication systems. Learn about its features, specifications, installation, wiring, interface, and operational procedures for enhanced building safety management.