12 Clintonville Road
Northford, CT 06472-1610 USA
800-289-3473 • FAX 203-484-7118
www.notifier.com

N-ANN-100 Remote LCD Annunciator Product Installation Document

PN LS10205-001NF-E:C 7/29/2024 ECN: 00049542

1 Description

The N-ANN-100 Remote Fire Annunciator is a backlit LCD display designed for use with compatible Fire Alarm Control Panels (FACPs). The displays mimic the FACP display and are capable of displaying English language text of system point status including device type, independent point alarm, CO alarm, trouble or supervisory zone, and custom alpha labels programmed into the FACP. Refer to the FACP manual installation section for detailed system information and wiring.

2 Compatibility

The N-ANN-100 is compatible with the NFW-50X and NFW-100X control panels.

3 Specifications

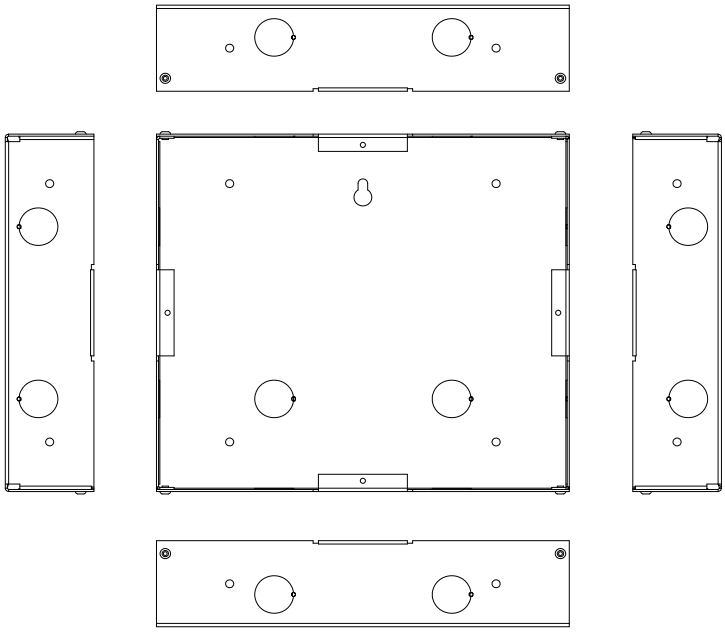
Parameter		Value
Operating Voltage:		24 VDC
Current	Standby:	30 mA
	Alarm:	42 mA
Operating Temperature:		32° - 120°F (0° - 49°C)
Dimensions	Flush mount:	Overall: 12¼"W x 11½"H x 7/8"D (31.1 x 29.2 x 2.2 cm)
	Surface mount:	Including trim ring: 12¼"W x 11½"H x 3"D (31.1 x 29.2 x 7.6 cm)

4 Installation

The N-ANN-100 can be surface or flush-mounted. A trim ring is available for surface mount installations. *Ensure that all power has been disconnected from the fire panel before proceeding with installation*. Install in accordance with NFPA 72 as applicable.

4.1 Flush-mounting

1. Cut a hole to accommodate the backbox. The backbox measures 9-3/8" W x 8-3/8" H x 2" D.
2. Remove any knockouts needed for wiring. There are ten available knockout locations.



3. Secure the backbox using any of the five (5) holes on the inside of the box and four (4) holes on the sides as shown in the illustration above.

4.2 Surface Mounting

1. Remove desired knockouts from the backbox.

NOTE: Only the two knockouts on the back of the backbox are available when using the optional trim ring.

2. Mark and pre-drill hole in the wall for the center top keyhole mounting bolt.
3. Install center top fastener in the wall with the screw head protruding.
4. Place backbox over the top screw, level, and secure.
5. Mark and drill the left and right upper and lower mounting holes.
6. Install remaining fasteners and tighten.

4.3 Wiring

The following diagram shows the N-ANN-100 connections to the FACP. All connections are supervised and power limited. Auxiliary Power is supervised with EOLR-1 power-supervision relay.

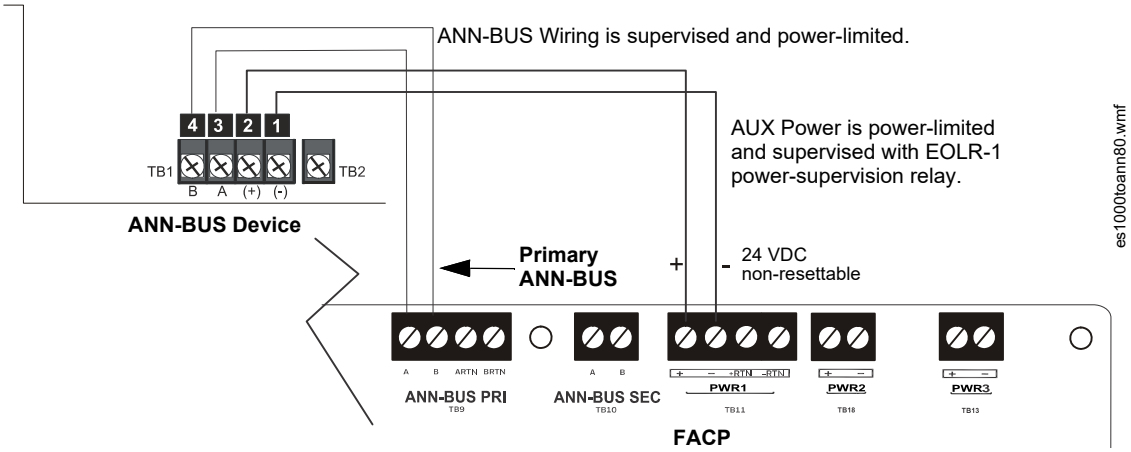


Figure 1.1 Primary ANN-BUS wiring to ANN-BUS Device

The following table shows the N-ANN-100 connections to the FACP. All connections are power-limited.

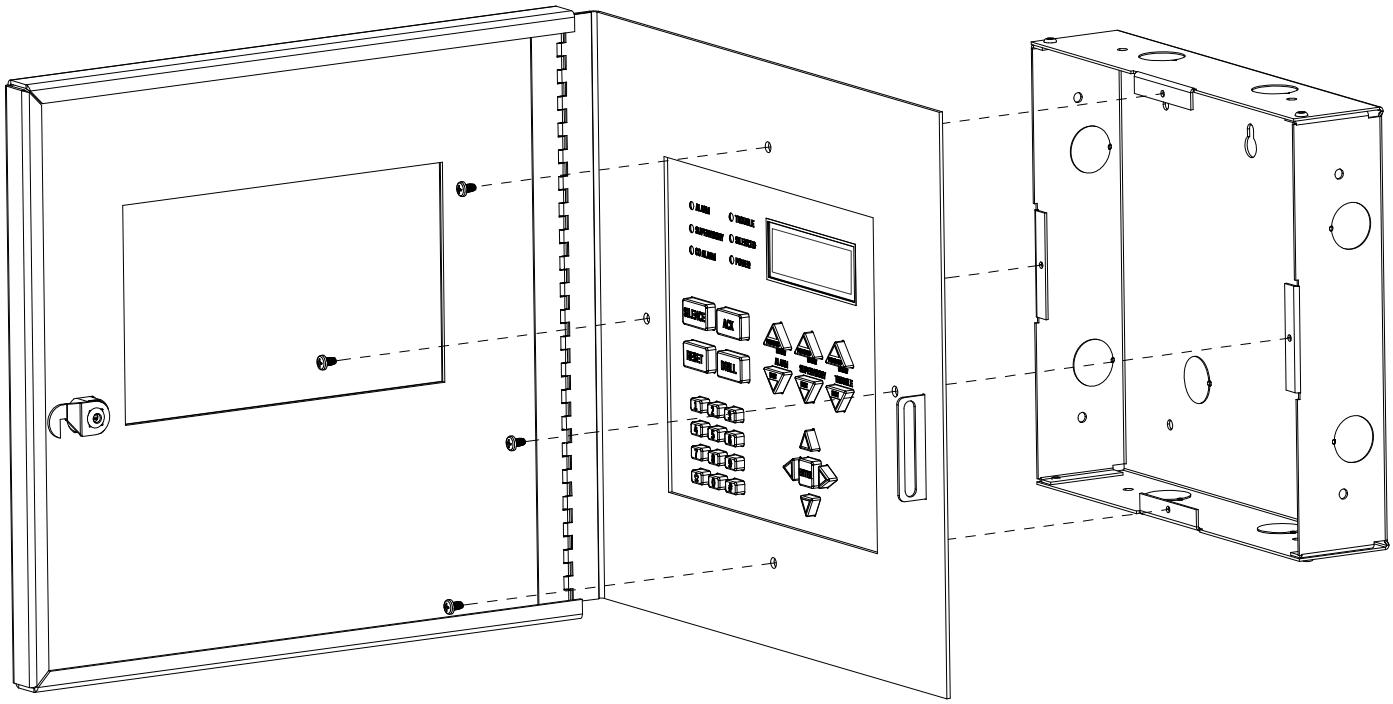
FACP	N-ANN-100 (TB1)
Terminal GND (-) on TB11	Terminal 1 (-)
Terminal PWR (+) on TB11	Terminal 2 (+)
Terminal Data (A) on TB9 or TB10	Terminal 3 (A)
Terminal Data (B) on TB9 or TB10	Terminal 4 (B)

4.4 Attach Optional Trim Ring

An optional trim ring, TR-ANN-R (red) or TR-ANN-B (black), is available for surface mount applications to create a more finished look. Place the trim ring over the backbox, letting it rest on top. When the door assembly is installed, the trim ring will be sandwiched between the door assembly and the wall, securing it into place.

4.5 Annunciator/Door Assembly

Attach the annunciator/door assembly to the backbox using the four (4) supplied screws as shown below.



N-ANN-100 Annunciator Operating Instructions

NORMAL - Only *AC POWER* is illuminated green.
All other indicators are off. LCD display will read SYSTEM NORMAL with the current time and date.
ALARM -Indicator is illuminated red. The LCD display will read ALARM.
SUPERVISORY - Indicator is illuminated yellow, The LCD will display the supervisory event details.
CO ALARM - Indicator is illuminated yellow. The LCD will display the CO alarm event details.
TROUBLE - Indicator is illuminated yellow. the LCD will display the trouble details.
ANNUNCIATOR KEY - The key to open the cabinet can be found at the following location:

_____

WHEN AUDIBLE DEVICES ARE SOUNDING -

FOR AN ALARM

1. Evacuate the protected area
2. Notify the monitoring service and/or the Fire Department immediately. Tell them briefly what happened and what your current status is.

Phones: _____ (Fire Department) _____ (Monitoring Service)

3. If the Fire Department is responding, be prepared to provide directions to arriving firefighters.

FOR TROUBLE, SUPERVISORY, CO, AND EMERGENCY ALARMS

1. Notify the monitoring service and/or applicable first responders if this panel is connected to either one, and tell them what is happening.
2. Silence audible devices by unlocking and opening the panel and pressing the ACKNOWLEDGE/STEP button. The applicable indicator will remain illuminated. Contact authorized service personnel immediately! (See Below).

WARNING!

DO NOT ALLOW TROUBLE CONDITIONS TO REMAIN LOGGED IN THE SYSTEM. THE PROTECTION THE SYSTEM OFFERS HAS BEEN COMPROMISED OR ELIMINATED, WHEN A TROUBLE CONDITION EXISTS.

To return to normal after an alarm
1. Do not enter the protected area until safe to do so.
2. Clear all initiating devices. Smoke detectors will not reset if there is still smoke in the area.
3. Reset the control panel (PRESS the RESET button)

Power failure or brownout
If AC power drops too low or fails, *AC POWER* indicator will extinguish, the system *TROUBLE* indicator will turn on yellow, and the panel buzzer and any other audible trouble devices will sound. Contact authorized service personnel immediately. See below.

Manual activation (Fire Drill or otherwise)
Notification Appliance Circuits (NACs) can be activated by pressing and holding the DRILL button for at least two seconds.
NOTE: You may want to disconnect the municipal box by sliding the DISCONNECT switch, located on the 4XTMF module, to its disconnect position (to the right). If a DACT is connected, notify the monitoring service before conducting any fire drills or tests.

Alarm Silencing
Notification Appliance Circuits may be silenced by pressing the SILENCE button. The silenced LED on the N-ANN-100 will turn yellow. Subsequent alarms will reactivate circuits. Press the RESET button to clear the “silenced” condition.
NOTE: Notification Appliance Circuits may be programmed as non-silenceable. Also, Signal Silence Inhibit, if enabled, will prevent silencing of NACs for five minutes after an alarm (see manual).

To test the indicators, LCD display and piezo
Press and release the RESET button and check all indicators/LEDs. Every indicator/LED should be on, LCD shows all pixels on, piezo sounder beeps. For more information, refer to the fire alarm control unit manual. It is kept in the following location:

_____

NOTIFIER®
by Honeywell

In the event of trouble, contact the
local Notifier Service Representative

Name: _____

Company: _____

Address: _____

Telephone Number: _____

THIS SHEET SHALL BE FRAMED ADJACENT TO THE ANNUNCIATOR

Document #LS10205-452NF-E Rev. A 7/25/2024 ECN 00049542

Cut along dotted line.