L.E.D. ® Light Engineered Displays, Inc.

Graphic Annunciators * Water Leak Detection
Fireman's Smoke Control Panels * BDA - Status

109 Portwatch Way Wilmington, N.C. 28412 Phone: (800) 251-2512 Fax: (800) 251-9878
Internet: www.ledinc.com Email: sales@ledinc.com

SIGNALING
UL LISTED

Features

○ Intended for Indoor/ Dry Location
○ Enclosure constructed to NEMA 1 standards
○ Non-glare protective front
○ Low power consumption
○ Ultra Bright Light Emitting Diodes
○ Lamp Test & local Silence Switch
○ Can be flush or surface mounted.

Technical Specifications

1. Primary Power: *24vdc*

2. Circuit Board Input Voltage:
   Nominal 24 Vdc / Min. 18 Vdc to 36 Vdc

3. Standby Current at 24vdc:
   Approximately 15 ma

4. Alarm Current:
   Approximately 60 ma.
   Add 45 ma for each Activated Alarm

5. Operating Temperature
   32-100F (0-38C)

Model: G-1212-BDA

General Description

This unit is designed to meet current NFPA-1221, Chapter 9 standards for dedicated BDA Annunciation Panels. The recommended labeling by the NFPA is: Normal AC Power, Loss of Normal AC Power, Battery Charger Failure, Low Battery, Donor Antenna Malfuction, Active RF Emitting Device Malfunction, System Component Malfunction.

Custom artwork is available to meet your local code requirements. All units come available with a lamp test, a silence switch and a set of Form-C contacts for connection to the building FACP or BDA.

Normal system operation is indicated by the lighted Green Power-ON LED indicator. The Lamp Test Switch when activated, will light all system indicators as a demonstration that the internal circuits, wiring and LED's are functioning properly.

All units come with a factory installed audible alarm to sound when any of the LED's light.
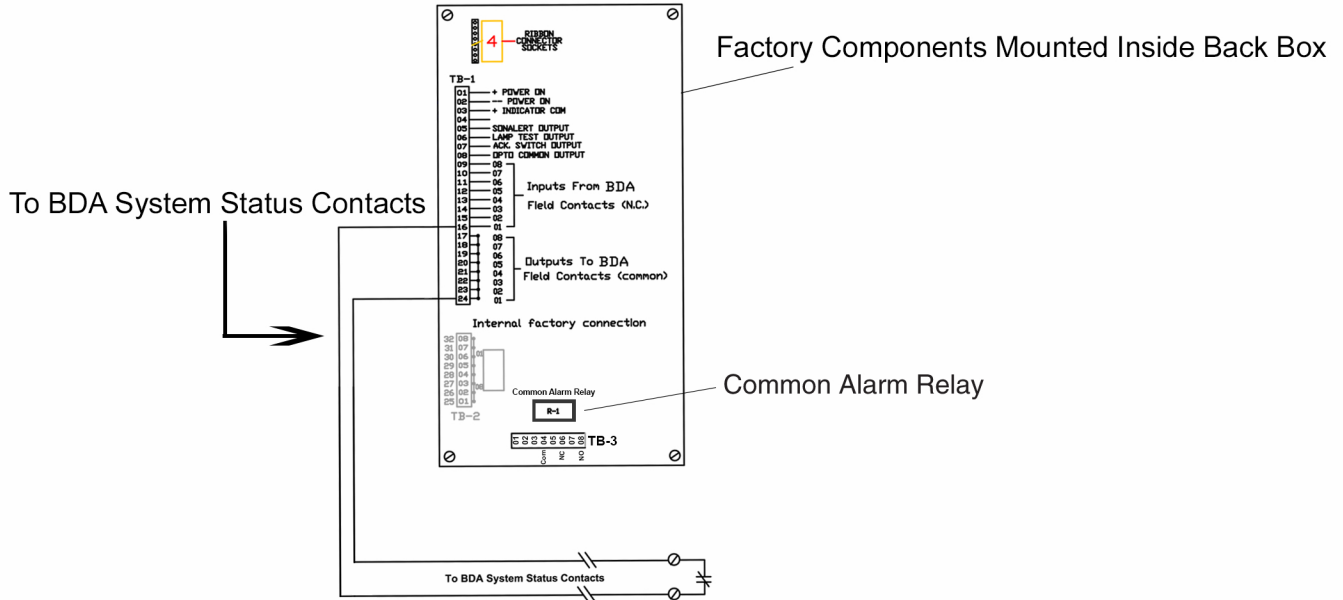
Sample Wiring Diagram
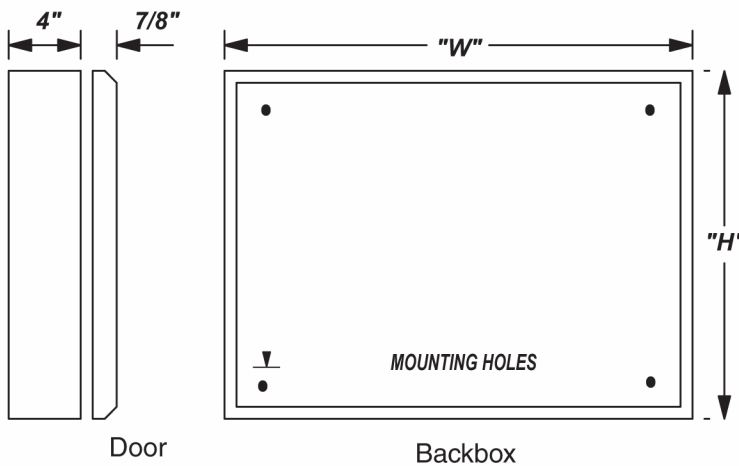
Factory Components Mounted Inside Back Box

To BDA System Status Contacts

TB-1
- 01 — + POWER ON
- 02 — – POWER ON
- 03 — + INDICATOR COM
- 04
- 05 — SONALERT OUTPUT
- 06 — LAMP TEST OUTPUT
- 07 — ACK. SWITCH OUTPUT
- 08 — OPTO COMMON OUTPUT
- 09 08
- 10 07
- 11 06
- 12 05 } Inputs From BDA
- 13 04 } Field Contacts (N.C.)
- 14 03
- 15 02
- 16 01
- 17 08
- 18 07
- 19 06
- 20 05 } Outputs To BDA
- 21 04 } Field Contacts (common)
- 22 03
- 23 02
- 24 01

Internal factory connection

TB-2

Common Alarm Relay

R-1

TB-3

Common Alarm Relay

To BDA System Status Contacts

Ordering Information

4"   7/8"

"W"

"H"

MOUNTING HOLES

Door   Backbox

MODEL	W x H
G-1212-BDA SERIES	12" x 12"
WT-0-BDA SERIES	21.25" x 12.25"

For Semi-flush mounting, add 3" to overall dimensions. The (weather-tight) is surface mount only.

Consult the factory regarding custom sizes, products, options or special requirements.