# EA200/EA400 QUICK START GUIDE

**WINLAND™**
ELECTRONICS, INC.

**ENVIROALERT** *EA200*  ZONE  LIMIT

121 °F  2  HIGH 168

RED  LOW 115

↓

ENERGIZE  DE-ENERGIZE
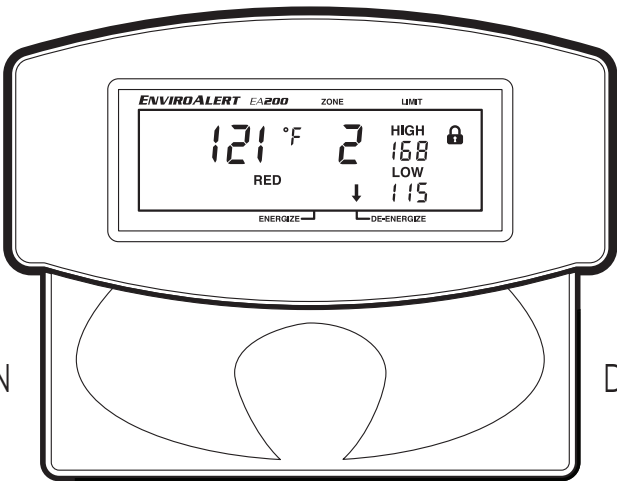
EA200
DOCUMENTATION

EA400
DOCUMENTATION

# Limitations of the Alarm System or Device

This quick start guide is NOT a substitute for the EA200/EA400 User Manual. All documentation related to operations should be followed. For further guidelines and safety information, please read the entire EA200/EA400 User Manual prior to installation and operation of this unit.
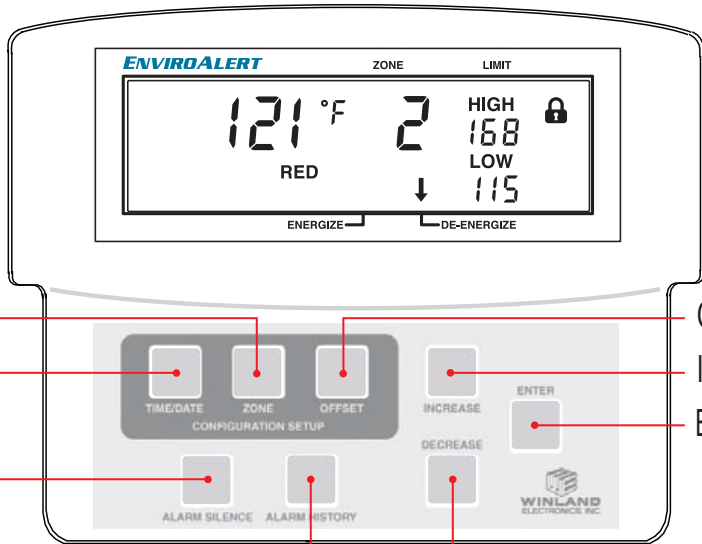
ea200.winland.com
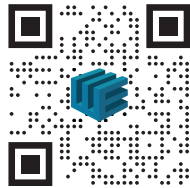
ea400.winland.com

While your alarm system or device is reliable and sophisticated, it does not offer guaranteed protection against burglary, fire or other emergencies. Any security product, whether commercial or residential, is subject to compromise or failure-to-warn for a variety of reasons.

This equipment, like other electrical devices, is subject to component failure.

The most common cause of a system not functioning properly is due to inadequate maintenance. Your system should be tested weekly to make sure all detection devices are operating properly. Your control panel and keypads should be tested as well.

Images and software are subject to change. For the most up-to-date information please use the QR code provided above.

# FRONT PANEL



**EnviroAlert**

ZONE   LIMIT

121 °F   2   HIGH 168   🔒

RED   LOW 115

↓

ENERGIZE   DE-ENERGIZE

ZONE
TIME/DATE
OFFSET
INCREASE
ENTER
ALARM SILENCE

TIME/DATE   ZONE   OFFSET   INCREASE   ENTER

CONFIGURATION SETUP   DECREASE

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ALARM SILENCE   ALARM HISTORY

ALARM HISTORY   DECREASE

# BACK PLATE

EA200

EA400

POWER CONNECTIONS

**REMOTE PROBE INPUT**

**PWR IN**
**PWR OUT**
**Zone 2**
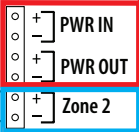
**AUX OUT**

**Zone 1**
(On-Board
Sensor)

**Zone 2**
(External
Sensor)

C
NO
NC
C
NO
NC
C
NO

**ALARM OUTPUTS**

EA200

**REMOTE PROBE INPUTS**

**PWR IN**
**PWR OUT**
**Zone 1**
**Zone 2**
**Zone 3**
**Zone 4**

**AUX OUT**

**Zone 1**

**Zone 2**

**Zone 3**

**Zone 4**

C
NO
NC
C
NO
NC
C
NO
NC
C
NO
NC
C
NO
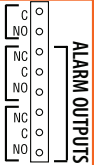
**ALARM OUTPUTS**

EA400
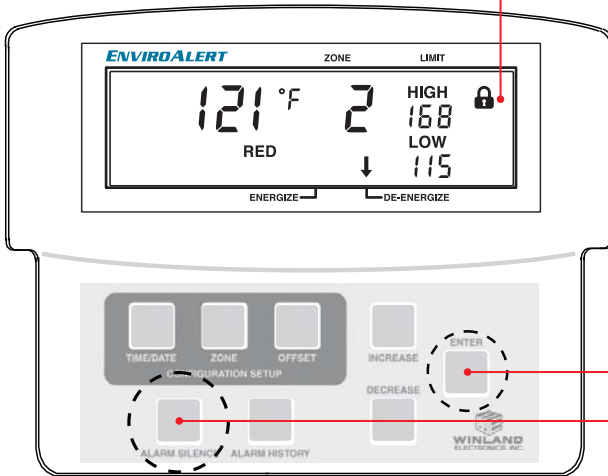
SENSOR INPUTS
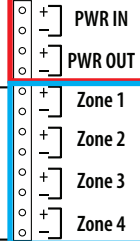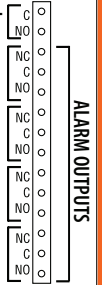
OUTPUT
RELAYS

# UNLOCK

To UNLOCK the unit, press the ALARM SILENCE and ENTER key at the same time and release at the same time.

Padlock indicates devices lock status. Closed padlock indicates device is locked.

Open padlock indicates device is unlocked.



ENVIROALERT

ZONE    LIMIT

121 °F    2    HIGH
                168
RED            LOW
          ↓    115

ENERGIZE    DE-ENERGIZE

TIME/DATE    ZONE    OFFSET    INCREASE    ENTER

CONFIGURATION SETUP

DECREASE

ALARM SILENCE    ALARM HISTORY    WINLAND ELECTRONICS INC

ENTER

ALARM SILENCE

This table depicts the type of zone to program based on your sensor.

| Sensor | Program Zone as: |
|---|---|
| Temp-L-S<br>Temp-L-W | Blue |
| Temp-H-S<br>Temp-H-W | Red |
| Humidity Sensor<br>HA-III+ | % |
| Water Surface Sensor<br>(Supervised) W-S-S | Water Droplet |
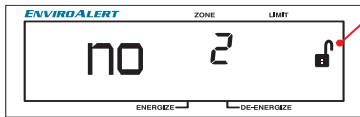
UNLOCKED

## NOTE

Device MUST be unlocked to program/edit/delete sensors. Not all screens shown in quick start guide.

Once the device is unlocked. Press ZONE to enter programming. You can verify you are in program mode when the zone number is flashing.
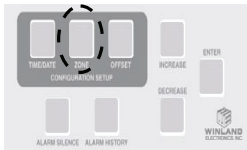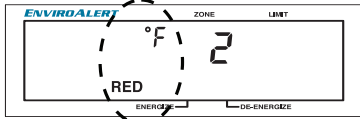
## NOTE

When changing setting while in programming you will use the INCREASE/DECREASE buttons and confirm selection by pressing ENTER button.
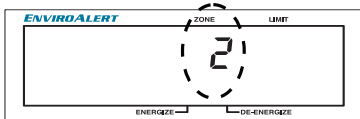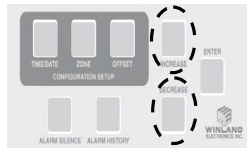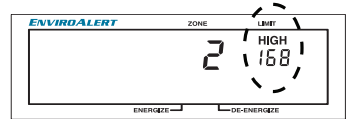
First select the zone you wish to program.
Note: Number will be flashing.

Next you will select your zone type. Refer to previous page for the correct zone type.
For example using a TEMP-H-S you will select F,Red or C,Red.

## PROGRAMMING SENSOR

Set desired HIGH limit. Use INCREASE/DECREASE buttons to set high limit, then press ENTER button.



Set desired LOW limit. Use INCREASE/DECREASE buttons to set low limit, then press ENTER button.
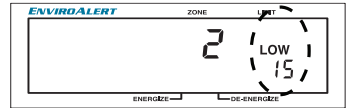


Set desired time delay. Number depicts the amount of minutes before alarm goes off. Use INCREASE/DECREASE buttons to set time delay, then press ENTER button.
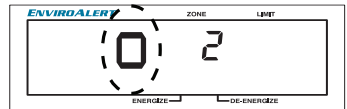


Select Energize or De-Energize. By default De-Energize is selected. Use INCREASE/DECREASE buttons to set option, then press ENTER button.
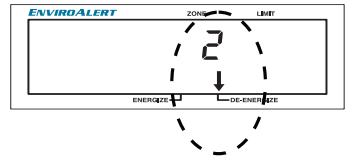


## NOTE

### De-Energize Vs Energize

De-Energize: Monitors the sensor.

Energize: Monitors the sensor and power loss.

When switching between the two modes, make sure to power cycle device for changes to take effect.

When programming the zone for Energize, this will flip the polarity of the relay. Wire accordingly.

# TROUBLESHOOTING

| Symptom | Cause | Corrective Action |
|---|---|---|
| • Flashing Zone digit and flashing temperature reading of -50°C or -58°F. (Blue Sensor)<br><br>• Flashing Zone digit and flashing temperature reading of 0°C or 32°F. (Red Sensor) | • Open connection between sensor and EA200/EA400 SENSOR INPUTS connections.<br>• Bare wire end not properly inserted into Terminal Block Adapter.<br>• Defective sensor. | • Check connections. Make sure any splices are correct. Make sure Terminal Block Adapter is properly connected to the EA200/EA400 header connector pins.<br>• Replace sensor as required. |
| • Flashing Zone digit and flashing temperature reading of 70°C or 158°F. (Blue Sensor)<br><br>• Flashing Zone digit and flashing temperature reading of 150°C or 302°F. (Red Sensor) | • Shorted connection between sensor and EA200/EA400 SENSOR INPUTS connections.<br>• Defective sensor. | • Check connections. Make sure any splices are correct.<br>• Try Zone with another sensor.<br>• Replace sensor as required. |
| • Excessive, obviously incorrect temperature reading. (For example 32°F displayed for nominal actual temperature of 80°F) | • Wrong programming used for sensor type used. (Refer to page 6 of this quick start guide) | • Make certain programming matches sensor type used. (refer to page 6 of this quick start guide) |
| • ERR displayed | • EA200/EA400 internal calibration error | • Unit will need to be sent in to be calibrated. Contact Winland Technical Services at techsupport@winland.com |



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# ELECTRONICS, INC.

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https://winland.com