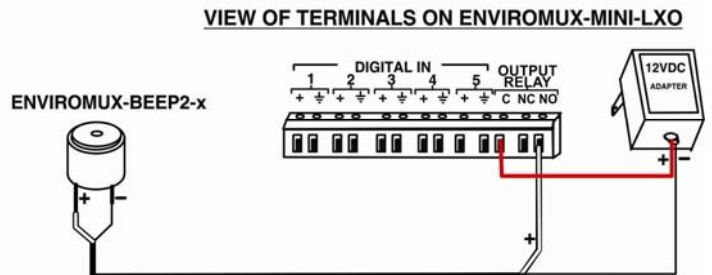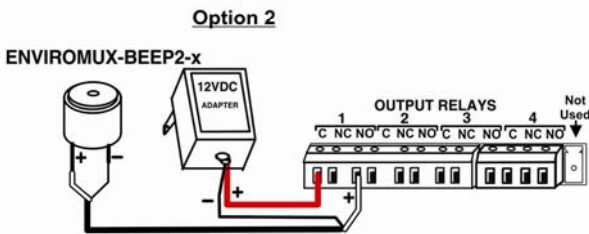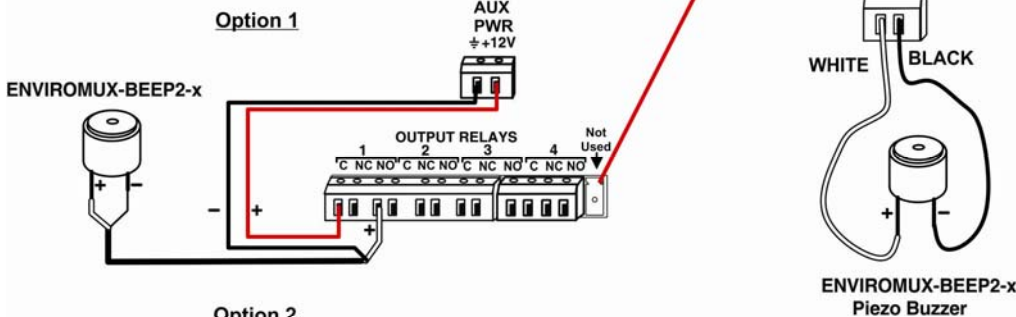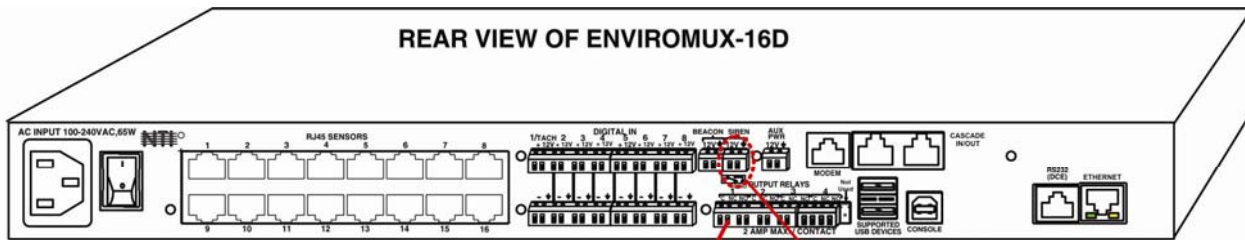# ENVIROMUX-BEEP2-x

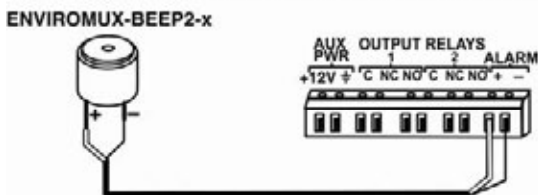**Miniature Piezo Buzzer, PCB Mount, 95dB**

Guide for Installation with an ENVIROMUX
Enterprise Environment Monitoring System

ENVIROMUX-BEEP2-x is a general purpose piezo buzzer to provide audible indication of alert when configured to respond to variations in a sensor's readings.   Operating on 12VDC, the ENVIROMUX-BEEP2-x can be controlled and powered by an ENVIROMUX-2D, ENVIROMUX-5D or ENVIROMUX-16D Enterprise Environment Monitoring System (SYSTEM). With an optional 12VDC power supply, the ENVIROMUX-BEEP2 can also be controlled by an ENVIROMUX-MINI-LXO.   A 22AWG 2-wire cable (x) is pre-soldered to the leads and available in lengths of 1/10/50/100/200/400/600/800/1000 feet.
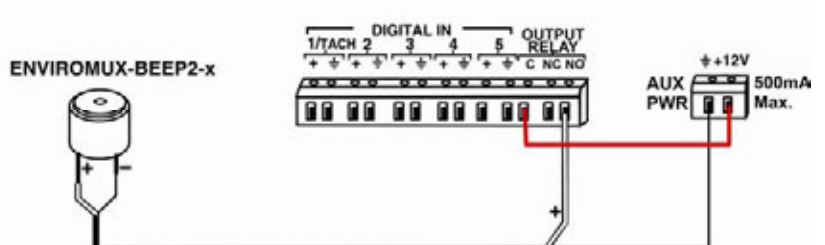
Follow the wiring diagrams below to connect the ENVIROMUX-BEEP2-x to a SYSTEM and then configure the SYSTEM to power the piezo as part of an alert response to provide users with audible indication of alert. An example of that configuration can be found on page 2.

Non-Critical Alert Settings

Disable Alerts	☐ Disable alert notifications for this sensor
Alert Delay	15 Sec ▾ Duration the sensor must be out of thresholds before alert is generated
Notify Again Time	6 Hr ▾ Time after which alert notifications will be sent again
Notify on return to normal	☑ Send a notification when this sensor returns to normal status
Enable Syslog Alerts	☐ Send alerts for this sensor via syslog
Enable SNMP Traps	☐ Send alerts for this sensor via SNMP traps
Enable E-mail Alerts	☑ Send alerts for this sensor via e-mail
E-mail Subject	Temperature 1 Warning Subject of e-mails sent for alerts
Enable SMS Alerts	☐ Send alerts for this sensor via SMS
Enable Siren	☑ Turn on the siren when this sensor goes to alert
Enable Beacon	☐ Turn on the beacon when this sensor goes to alert
Associated Output Relay	None ▾ Name of the output relay that can be controlled by this sensor
Output Relay status on alert	Inactive ▾ Status of the output relay when going to alert
Output Relay status on return from alert	Inactive ▾ Status of the output relay when returning from alert

For the ENVIROMUX-16D, on sensor configuration page, place a checkmark in the "Enable Siren" box for any sensor that should activate the piezo when it causes the ENVIROMUX to send an alert.

Figure 1- Sensor configuration page from ENVIROMUX-16D

Non-Critical Alert Settings

Disable Alerts	☐ Disable alert notifications for this sensor
Alert Delay	30 Sec ▾ Duration the sensor must be out of thresholds before alert is generated
Notify Again Time	30 Min ▾ Time after which alert notifications will be sent again
Notify on return to normal	☑ Send a notification when this sensor returns to normal status
Enable Syslog Alerts	☐ Send alerts for this sensor via syslog
Enable SNMP Traps	☐ Send alerts for this sensor via SNMP traps
Enable E-mail Alerts	☐ Send alerts for this sensor via e-mail
E-mail Subject	Subject of e-mails sent for alerts
Enable SMS Alerts	☐ Send alerts for this sensor via SMS
Associated Output Relay	Output Relay #1 ▾ Name of the output relay that can be controlled by this sensor
Output Relay status on alert	Active ▾ Status of the output relay when going to alert
Output Relay status on return from alert	Inactive ▾ Status of the output relay when returning from alert

For the ENVIROMUX-2D, 5D, or ENVIROMUX-MINI-LXO, on sensor configuration page, make sure the associated output relay isn't "none" and either change the "Output Relay status on alert" to Active (if connected as shown in the drawing) or Inactive (if you connect the piezo wire to the N.C. relay terminal).

Figure 2- Sensor configuration page from ENVIROMUX-2D

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Specifications

Mounting	PCB Mount- 7.62 mm centers (without pre-attached leads)
Operating Mode	Continuous sound at 4KHz
Operating Voltage	1-12 Vdc
Typical Operating Current	20 mA at 12 Vdc
Typical Sound Pressure	85 dB(A), at 5 Vdc 95 dB(A), at 15 Vdc
Termination	Solder terminals (long lead is positive)- 2-wire cable pre-attached (white wire is positive)
Available 2-Wire cable lengths	1/10/50/100/200/400/600/800/1000 feet.
Dimensions (WxH)	0.61x0.55 in (15.5x14 mm)

WARRANTY INFORMATION

The warranty period on this product (parts and labor) is two (2) years from the date of purchase. Please contact Network Technologies Inc at **(800) 742-8324** (800-RGB-TECH) or **(330) 562-7070** or visit our website at **http://www.networktechinc.com** for information regarding repairs and/or returns. A return authorization number is required for all repairs/returns.

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