

RAA Series Audio/Visual Remote Alarm Annunciator

Key Features

ABS Enclosure

Rust free and clean appearance

24 VAC Power Supply

Low current drain

68 dBa Minimum Buzzer

Continuous tone buzzer provides clear warning

Silence Button

The silence button kills the buzzer while keeping the red light illuminated.

One (1) Red “Bank Depleted” Light per Manifold (Signal)

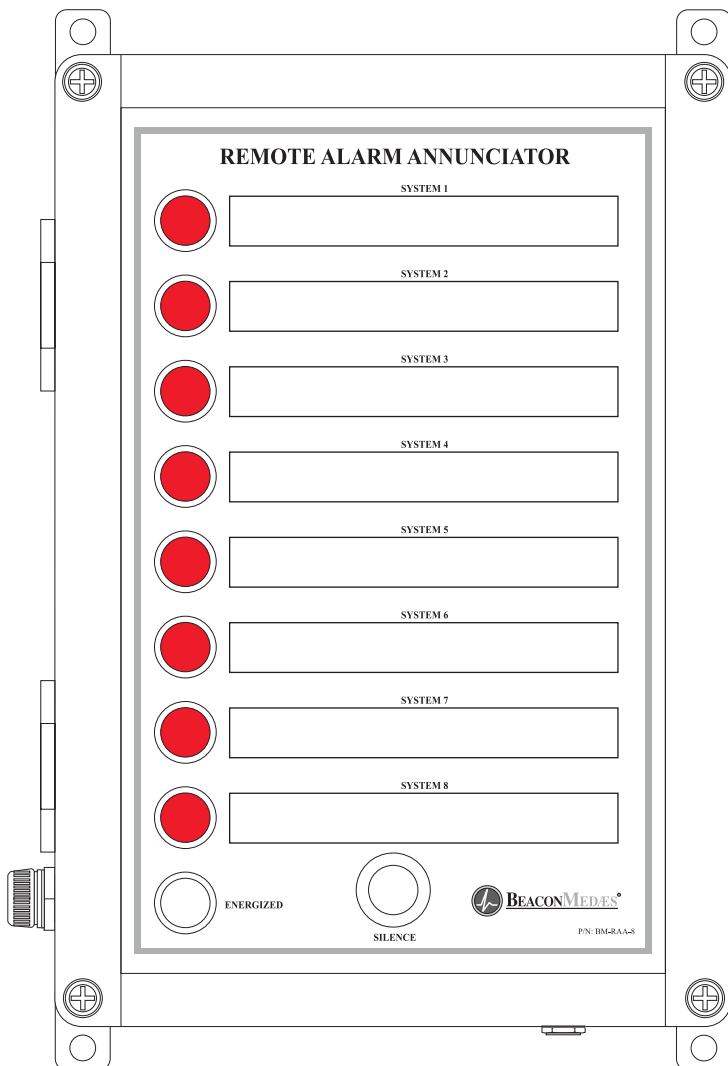
Indicates when cylinders need to be replaced

Wall Plug-In Power Transformer

The unit can be easily connected to any 110 VAC wall power outlet

Up to Eight (8) Inputs & One (1) Output

Accepts up to eight (8) input signals (manifolds) and One (1) output (dry contact)



Model RAA-8 Shown

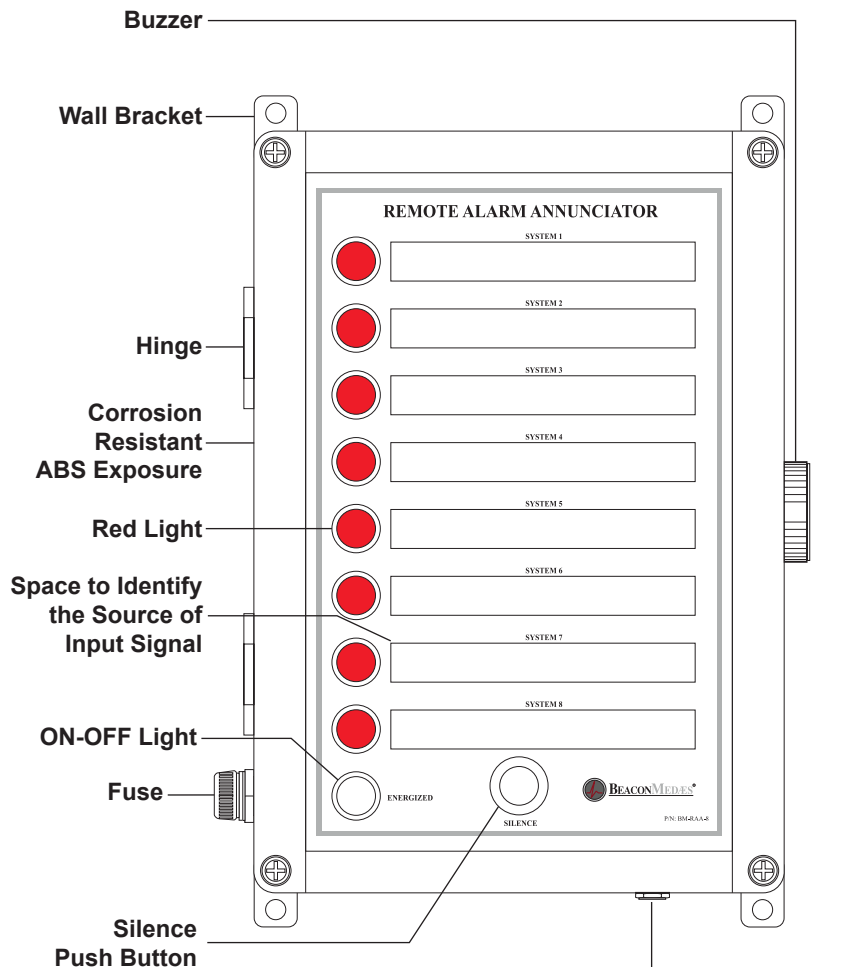
Audio/Visual Remote Alarm Annunciator

Description

The BeaconMedæx RAA Remote Alarm Annunciator is designed to operate with a 24 VAC power source. Each alarm function is initiated on a closed circuit (dry contact). The annunciator box contains one red alarm light per input signal as well as one buzzer and one silence button per annunciator box. When any cylinder bank is depleted on any BeaconMedæx (VERUSLAB) manifold, its alarm box triggers a dry contact. This dry contact is energized by the RAA Series Alarm Annunciator. The corresponding red light is illuminated on the front of the RAA Remote Annunciator and the buzzer is activated. The buzzer can be silenced by pressing the silence pushbutton, but the red light will remain illuminated until the depleted bank has been replaced. The RAA Audio/Visual Remote Alarm Annunciator comes standard with a 24 VAC plug-in power transformer. As an option, for hard wired installation, the 24 VAC power transformer can be installed into a junction box.

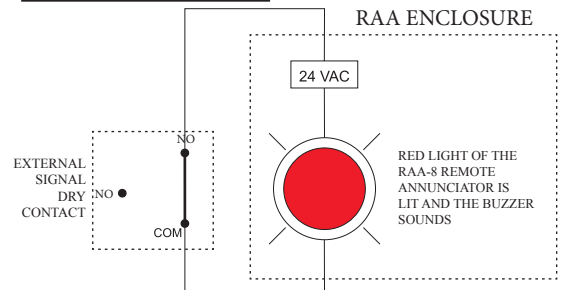
The RAA Series Audio/Visual Remote Alarm Annunciator has one alarm signal for remote annunciation: one normally open or normally closed dry contact.

Equipment Overview



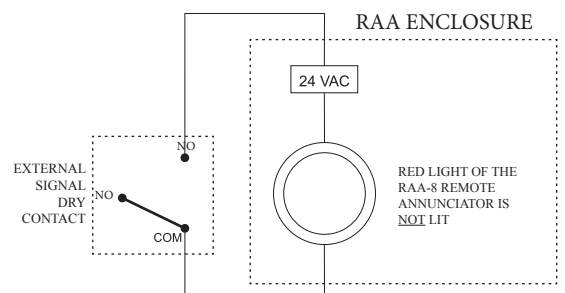
Circuitry

ALARM CONDITION



Each red light of the RAA is energized when a dry contact goes from a Normally Closed position to a Normally Open state. The circuit is closed and the red light will illuminate.

NO ALARM CONDITION



In this situation, the circuit is open and the red light will remain off.

24 VAC Power Transformer & Female Jack (110 VAC Wall Power Receptacle Required)

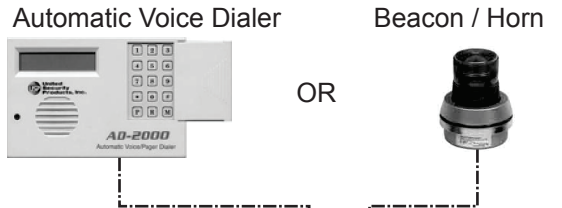


Audio/Visual Remote Alarm Annunciator

The Power of Dry Contacts

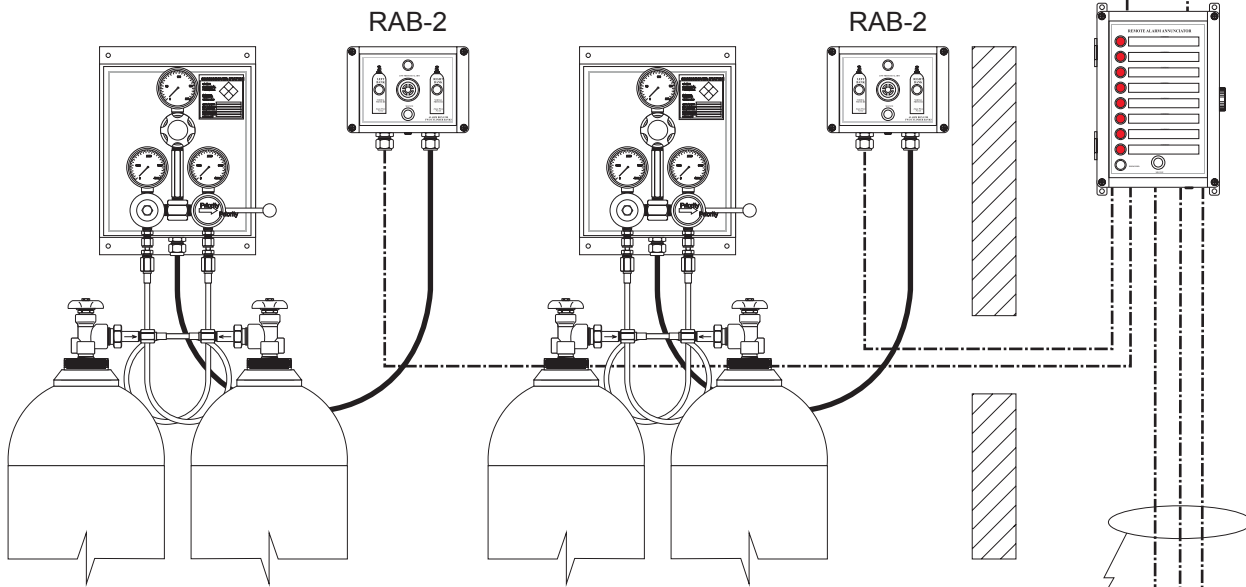
The RAA Alarm Annunciator uses dry contacts as sources to trigger alarms. That means this annunciator panel can be used with pretty much any type of alarm devices (input and output). This makes our alarm annunciator surprisingly versatile. It is extremely simple to install and it requires only one pair or wire per alarm signal input.

Output from the RAA: One Output signal



Input to the RAA:

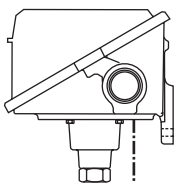
Use The RAB-2 With An Annunciator Box (Any Type of Manifold Alarm Box)



Input to the RAA:

Pipeline Pressure Switches

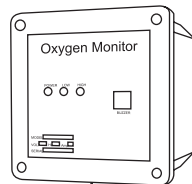
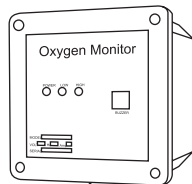
Hi/Low pipeline pressure switches can trigger an alarm on the RAA



Input to the RAA:

Gas Monitors

Any brand will work as long as it has a dry contact



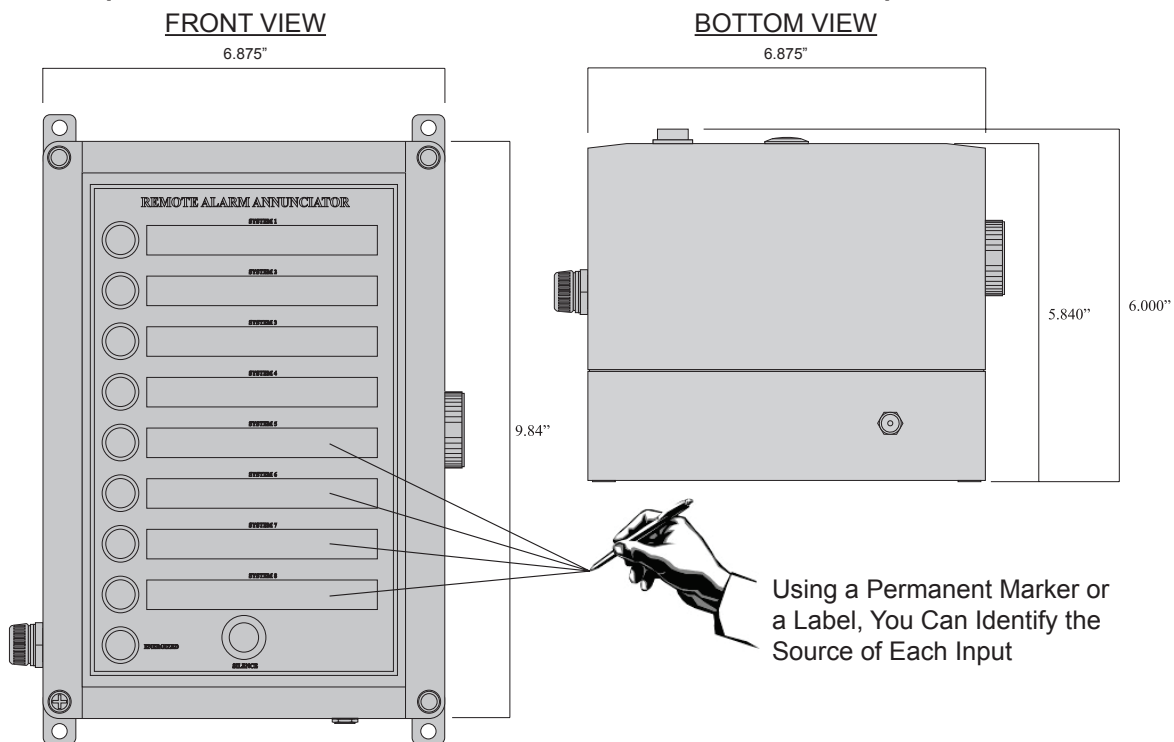
Alarm signal cables provided by Installer. The dry contacts are energized by the RAA.

Audio/Visual Remote Alarm Annunciator

Specifications

No. of Inputs	Model RAA-8 = 8 inputs - Model RAA-4 = 4 inputs
Acceptable Input	Each input has to be a dry contact to be energized by the RAA unit (typically a pressure switch)
No. of Output	1 Dry Contact
Dry Contact (Output)	Normally Open or Normally Closed (3 Amp., @ 277 Volts, 50/60 Hz)
Power Requirement	24 VAC - 1590 mA (38.2 VA Max.)
Enclosure	ABS - Light Gray - NEMA 1
Silence Pushbutton	Momentary Pushbutton
Buzzer	Continuous Tone - 80 dBA at 2 Feet
Power Transformer	Input: 120 VAC, 60 Hz - Output: 24 VAC, 1800 mA (43.2 VA)
Fuse	2 Amp., ¼" x 1-¼"

Dimensions (RAA-8 and RAA-4 dimensions are the same)



Ordering Information

- | | |
|---------------------|---------------------|
| RAA-4 | RAA-8 |
| <i>4 Input Unit</i> | <i>8 Input Unit</i> |