

WIRELESS *ALERT*[®]

EXPAND *ALERT*

BETRAYING CRIMINALS

What is ExpandAlert

The **ExpandAlert** is a switching device module that allows for advanced monitoring and control **via Cell Phone** of external devices when linked to either **MaxAlert** or **CommandAlert**. The **ExpandAlert** has 5 Inputs and 5 Outputs and is also known as a 5 x 5 Input / Output (I/O) Module.



ExpandAlert R450

When used in combination with **MaxAlert** or **CommandAlert** you will be able to - Open gates/doors; Switch lights on/off; Activate Alarm Siren; Switch Geyser on/off. You can also Monitor & Control; temperature on fridges; Water levels in dams, Smoke Detectors etc.

...All from your Cell Phone

For more detailed technical information please visit www.wirelessalert.co.za

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How Does It Work

The **ExpandAlert** connects to either **MaxAlert** or **CommandAlert** via a Serial Ribbon Cable. ExpandAlert has five optically isolated INPUTS and five dry contact OUTPUTS. Various devices in the home, business or farm can be hard wired into the ExpandAlert. The device is then able to communicate back & forth with your Cell Phone via the MaxAlert or CommandAlert units effectively making your cell phone a remote command & control device. If more than five devices need to be automated, units can be daisy-chained – see pic below;



INPUTS are activated by placing 12 volts, DC, across the (+IN) & (-IN) terminals. LED's next to the INPUT terminals show if the INPUT is active or inactive. OUTPUTS control devices and appliances, and are rated for 10A DC. They may be used to control most types of electrical loads-- **excluding** AC motors above 500W and lighting above 750W. If loads above 500w/750W are required - these appliances can easily be switched on and off using a (suitably rated) externally connected relay or contactor.

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Who Needs It and Why?

AT HOME

You can use the ExpandAlert INPUTS to monitor your existing house alarm systems or use the OUTPUTS to turn on security spotlights, activate sirens, open security gates, etc.

AT WORK

Use the ExpandAlert's INPUTS to monitor sensitive equipment like computer servers and machinery. Use the OUTPUTS to turn machinery on/off at specific times or specific sequences.

HOLIDAY HOME

Your holiday home, a rental, guest-house/hotel; Use **ExpandAlert OUTPUTS to remotely** turn on/off freezers, geysers etc. Use ExpandAlert INPUTS to monitor alarm system.

FARMERS

Use ExpandAlert to control pumps for irrigation and for watering holes for game and livestock.

GUEST HOUSES Remote control of freezers, geysers, alarm systems.

GOLF & SECURITY ESTATES control pumps for irrigation of greens, fairways and gardens.

BUILDERS Use for on-site gate access control and monitoring machinery (running hours).

YACHTS & BOATS Control and monitor solar panels, and detect low battery charge levels.

NEIGHBOURHOOD WATCH Property Gate access control