

RA100R/RA200KR Remote Alarm Programming

Contact Closure 1	Reset
Contact Closure 2	Test
Relay 1	Strobe
Relay 2	Horn

Note: For wiring, refer to drawing: 50214 for RA200KR.
50256 for RA100R

The following wiring scenario is being provided as a guideline only. The advantage to wiring the CC Inputs as illustrated is to use the Reset switch in combination with the Test switch. The relays can be wired in any combination. This is the way your system will be preprogrammed if supplied with an RA100/RA200 alarm.

Programming:

1. Sets the tank conditions that must occur to activate the relays. Factory default conditions shown below activate for SP1 (Above 95% volume) and SP2 (Above 90% volume).

Front Panel	
Config ⇒ Rely Tank	
	Relays
Leak Trig	no.no.no
SP1 Trig	01.02.no
SP2 Trig	01.02.no
SP3 Trig	no.no.no
H2O Trig	no.no.no

TMS Communicator	
Configuration ⇒ Relays ⇒ Tank Triggers	
	Relays
Leak Trigger	None - None - None
Set Point #1 Trigger	Relay #1 - Relay #2 - None
Set Point #2 Trigger	Relay #1 - Relay #2 - None
Set Point #3 Trigger	None - None - None
Water Trigger	None - None - None

2. Chooses the CC Inputs (wired to RS2) that the relays will react to.

Front Panel	
Config ⇒ Rely cc	
cc Trig	Relays
1	02.no.no
2	01.02.no

TMS Communicator	
Configuration ⇒ Relays ⇒ Non-Hazardous Contact Closure Inputs	
CC Trigger	Relay Selects
#1	Relay #2 - None - None
#2	Relay #1 - Relay #2 - None

3. Controls the behavior of a relay.

Front Panel				
Config ⇒ Rely Mode				
Relay	Normally	FP Ack	Delay	Latch En
1	Off	No	None	No
2	Off	Yes	None	No

TMS Communicator				
Configuration ⇒ Relays ⇒ Relay Mode				
Relay	Normal Contact State	Allow Front Panel Acknowledgements	Delayed Shutoff	Latch Enable
#1	Off	<input type="checkbox"/>	None	<input type="checkbox"/>
#2	Off	<input checked="" type="checkbox"/>	None	<input type="checkbox"/>

4. Controls the behavior of a Contact Closure Input. Note: Only settings used for supporting the RS2 are listed below. Do not change the factory default values for other unlisted settings.

Front Panel		
Config ⇒ cc Input		
CC Input	cc Enable	Normally
1	Ack	Open
2	Relay	Open

TMS Communicator		
Configuration ⇒ Contact Closure Inputs ⇒ Non-Hazardous Contact Closure Inputs		
CC Input	Contact Closure Enable	Normally
#1	Acknowledge	Open
#2	Relay	Open