

Generation 3 Audible Feedback

Symptom	Diagnosis	Check:
1 short beep upon activation	Blown Fuse Low or Bad Battery Loose Battery Connection	Fuse Battery Under Load Battery Harness Connections
1 short beep upon power up	Circuit Board Powered Up & Ready	Normal Operation
Continuous Uninterrupted Alarm	Circuit Board Senses an Obstruction	Path of Gate Gate for Level and Plumb Stall Force Adjustment Disconnect Safety Devices Rev Counter
1 beep with 10 seconds off	Low Battery Condition	Fuses Battery Harness Connections Battery Under Load
1 beep then 2 beeps	Master Motor Terminals Shorted	<ul style="list-style-type: none"> • Connections to Master Inputs • Master Arm Power Cable • Motor • Circuit Board
1 beep then 3 beeps	Slave Motor Terminals Shorted	<ul style="list-style-type: none"> • Connections to Master Inputs • Master Arm Power Cable • Motor • Circuit Board
1 beep with 2 seconds off	Master Arm Limit Switch Error	<ul style="list-style-type: none"> • Connections to Master Inputs • Master Arm Power Cable • Master Input ORG & GRN, BRN & GRN voltage with wires disconnected. 11VDC across each terminal.
2 beeps with 2 seconds off	Slave Arm Limit Switch Error	<ul style="list-style-type: none"> • Connections to Slave Inputs • Slave Arm Power Cable • Slave Input ORG & GRN, BRN & GRN voltage with wires disconnected. 11VDC each across each terminal.
3 beeps with 2 seconds off	Master Arm Rev Counter Error	<ul style="list-style-type: none"> • Connections to Master Inputs • Master Arm Power Cable • Rev Counter
4 beeps with 2 seconds off	Slave Arm Rev Counter Error	<ul style="list-style-type: none"> • Connections to Master Inputs • Master Arm Power Cable • Rev Counter

Generation 3 Visual Feedback

-Symptom	Diagnosis	Check:
Status (clear) 1 blink	Cycle Terminal Shorted	Disconnect the push button, keypad, intercom keypad, or any other accessory wired to this terminal. Try the remote. If the remote works, then the problem is the accessory.
Status (clear) 2 blinks	Safety Terminal Shorted	Disconnect the loop detector, photo beam, or any other accessory wired to this terminal. Try the remote. If the remote works, the problem is the accessory.
Status (clear) 3 blinks	Exit Terminal Shorted	Disconnect exit wand, loop detector, photo beam, Knox box, or any other accessory wired to this terminal. Try remote. If the remote works, the problem is the accessory.
Status (clear) 4 blinks	Shadow Terminal Shorted	Disconnect the loop detector, photo beam, or any other accessory wired to this terminal. Try remote. If the remote works, the problem is the accessory.
Status (clear) 5 blinks	Close Edge Terminal Shorted	Disconnect the edge sensor, photo beam, or any other accessory wired to this terminal. Try the remote. If the remote works, the problem is the accessory.
Status (clear) 6 blinks	Open Edge Terminal Shorted	Disconnect edge sensor, photo beam, or any other accessory wired to this terminal. Try the remote. If the remote works, the problem is the accessory.
RF (yellow) Flickers	Receiving 318 MHz RF	Normal operation when remote or wireless keypad is used.
RF (yellow) OFF	No 318 MHz RF Received	<ul style="list-style-type: none"> • Battery in Remote • Program Remote • Antenna Receiver Connections • Antenna Receiver
Power (green) ON	AC or Solar Power Present	Normal Operation
Power (green) OFF	No AC or Solar Power	<p>Transformer:</p> <ul style="list-style-type: none"> • Breaker or GFI • Power at AC outlet. • Output of Transformer. • Voltage on wire at 18 VAC Input <p>Solar:</p> <ul style="list-style-type: none"> • Solar Panel Wires Reversed • Weather • Solar Panel Placement • Output of Solar Panel • Voltage on wire at Solar Input
Charge (red) ON	Fast Charging Mode	Battery Voltage should be ~14.8 VDC when connected to the circuit board
Charge (red) Fast Blinking	Soak Charging Mode	Battery Voltage should be ~14.1 VDC when connected to the circuit board
Charge (red) Slow Blinking	Float Charge	Battery Voltage should be ~13.8 VDC when connected to the circuit board
Charge (red) OFF	Battery Not Being Charged	AC power Transformer Solar Panel – Check Weather Charging Circuit