MISCELLANEOUS

Gate Safety Edge Transmitter Model MGT

- **Industry's only fully supervised model.**
- **Hourly transmission reports status.**
- **Tamper switch triggered if cover is removed.**
- **Lithium battery powered.**

The MGT is for adding fully supervised obstacle sensing for motorized gates, doors or barrier arms in any Linear access control system. It mounts directly on the gate, door, or barrier and wires to a standard exterior safety edge sensor (for full featured compatibility, a Miller gate edge sensor with an optional .001 UF capacitor is recommended). If an object is hit during the gate closing, the sensor will present a closed circuit across the connecting wires and the MGT will transmit a message to the access controller to reverse the movement of the gate. Two MGT transmitters can be used with an AM/II or Telephone Entry; one MGT can be connected to an AP3 controller.

The MGT is the industry's only fully supervised gate safety edge transmitter. It automatically sends an hourly status report to the access controller, indicating battery condition and if the transmitter is operational. Should the edge sensor be disconnected, shorted, or tampered with, the MGT will report a trouble condition. The access controller indicates the trouble condition by flashing its OBSTACLE light; the system's LCD display identifies the problem and a printer can log the event. The trouble condition can be easily cleared by pressing # and 1 on the controller keypad.

The MGT transmitter is supplied in a weather-resistant, fiberglass box. Its circuit board is coated to prevent moisture damage. The enclosure mounts to the gate, door, or barrier arm through sealed interior mounting screws.

General Specifications

Dimensions: 4.31 in L x 2.88 in W x 2.94 in H (109 x 73 x 75 mm)

Color: gray case

Power: two 3V DL-2450 lithium batteries (supplied)

Battery Life: up to five years

Frequency: 318 MHz

Compatibility: one or two MGTs per AM/II or Telephone Entry; one per AP3; use with a standard exterior safety edge sensor (for full feature compatibility, use a Miller gate edge sensor with an optional .001 UF capacitor)

Full Supervision: automatic, hourly status report to controller of battery condition, operating status, or trouble condition; tamper switch triggered by cover removal

Wireless Keypad Model MDKP

- **Factory programmed MegaCode format; internal antenna.**
- **1-6 digit PIN for each user.**
- **Long-life lithium battery.**
- **Rugged cast aluminum housing.**
- **Built-in downlight.**

The MDKP wireless keypad can transmit a unique signal for each 1-6 digit PIN code entered. It has a built-in radio transmitter with a 250-foot range in line-of-sight conditions. It generates a separate transmission code for each user selectable 1-6 digit PIN. Codes are learned by the access controller or receiver, with the maximum number dependent upon the model used. For instance, if the controller is the AP-3, the MDKP can generate 338 unique codes.

To operate the MDKP, a user simply enters a PIN followed by the # key, and the code is transmitted to the receiver for validation. Downlighting can be turned on by pressing the # key twice; it remains on for 30 seconds or until a code is sent. Installation and set-up are simple. The MDKP can be mounted on either a wall or a gooseneck. It is ready to use upon plugging in its 9 V lithium battery and programming of user codes.

General Specifications

Dimensions: 4.00 in W x 7.00 in H x 3.00 in D (101.6 x 177.8 x 76.2 mm)

Power: 9 V lithium battery (supplied)

Battery Life: 5 years with 25 activations per day

Operating Temperature: -22° to +149° F (-30° to +65°C)

Standard Equipment: MDKP keypad with built-in vandal-resistant antenna; 9 V lithium battery

Compatible Controllers/Receivers: AP-3 AccessPro (enables 338 PIN codes); SMDRG/MDRG (enables 40 PIN codes); MDR (enables 10 PIN codes); AM/II*; AE-1 or AE-2 Telephone Entry*; and AKR-1 AccessKey with Radio**

*Restricted capability. Codes must be programmed in as transmitters, not as entry codes. Not all code combinations are valid.
**Accepts block coded transmitters only. Codes must be learned as a block. Not all code combinations are valid.