



## MS-1400™ & TM-20X/40X™ Receiver/Transmitter System

DATA SHEET

- Ideal for gated communities, private residences, and parking garages
- Revolutionary anti-cloning scheme provides unmatched security
- Adjustable read range up to 300 ft (90 m)
- Directly compatible with PXL-500P Controller, or NXT Controllers when used with NXT-RM3 Reader Interface
- "Keri-Key" transmitters are available in 2 and 4 button models
- Receiver has two channel output for control of two gates from a single receiver
- Receiver has built-in noise reduction circuit to maintain range in EMI noisy environments
- Optional proximity insert provides additional functionality in a single tag/transmitter



Keri's line of RF Receivers and Transmitters, the **MS-1400** and **TM-20X & TM-40X**, offer access and security in a small, sleek, cost effective package. Typically attached using a key ring, the transmitters provide a convenient way to grant access to gates and parking barriers, while staying safe and dry in a vehicle. The most popular application is for gated residential communities, where residents and employees can use the transmitter buttons to access gates as they approach, or to provide convenient access for the disabled.

The two-channel output provides the ability to control two gates from a single receiver. An optional proximity insert provides additional convenience, allowing users to access other secure parts of a facility using proximity readers tied to the same access control system as the gates. Proximity inserts are available in Keri MS, Keri NXT, or Farpointe Wiegand.

The Nema 4 rated enclosure, noise reduction circuitry, adjustable read range, and the ability to remotely mount an antenna virtually guarantee a quick and painless installation. The system is FCC Part 15 and CE approved.



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# MS-1400™ & TM-20X/40X™ Receiver/Transmitter System

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### Specifications\*:

#### MS-1400 Receiver

- Receives Keri MS format from TM-20X/40X transmitters
- Two channel output to control two devices
- Frequency: 433.92 MHz
- Range: 300 ft (91.5 m)
- Operating Temperature:  
-20° to 140° F (-29° to 60° C)  
0-90% relative humidity, non-condensing
- Input Power: 12 VDC @ 100 mA  
Can be powered by an NXT Controller  
(via an RM-3) or a PXL-500P Controller
- Dimensions: 7.25" H x 3.75" W x 2.30" D  
(18.40 cm x 9.52 cm x 5.85 cm)
- Dust and moisture resistant  
Nema 4X / IP67 rated enclosure
- Weight: 0.60 lbs (0.27 kg)
- Warranty: 2 years

#### TM-20X & TM-40X Transmitter (Keri-Key)

- Transmits Keri MS format to MS-1400 receivers
- 2 and 4-button models
- Uses CR2032 coin battery
- Warranty: 1 year

#### Options

- Proximity insert available in Keri MS, Keri NXT, or Farpointe Wiegand
- Extended range with optional, external antenna

*\*Specifications subject to change without notice.  
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#### MS-1400 Receiver



#### TM-40X Transmitter



#### TM-20X Transmitter

### ORDERING INFORMATION & RELATED PRODUCTS:

<u>Model Number</u>	<u>Description</u>
MS-1400	Keri-Key 2 Channel Receiver MS Output
TM-20X	Keri-Key 2 Button Transmitter
TM-20XMS	Keri-Key 2 Button Transmitter w/ MS Insert
TM-20XNT	Keri-Key 2 Button Transmitter w/ NXT Insert
TM-20XFW	Keri-Key 2 Button Transmitter w/ Farpointe Insert
TM-40X	Keri-Key 4 Button Transmitter
TM-40XMS	Keri-Key 4 Button Transmitter w/ MS Insert
TM-40XNT	Keri-Key 4 Button Transmitter w/ NXT Insert
TM-40XFW	Keri-Key 4 Button Transmitter w/ Farpointe Insert



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