

MS-1400 & TM-20X/40X Keri Key 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 Tiger Controller, or NXT Controllers when used with NXT-RM3 Reader Interface
- 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 so users can 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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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 Tiger 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

MS-1400 Receiver



TM-20X & TM-40X Transmitter

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

TM-40X Transmitter



Options

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

TM-20X Transmitter



**Specifications subject to change without notice.
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