

# TRANSMITTERS

## HandHeld Transmitters

### Models MDT, MDT-2, MDT-4; MDT-1B, MDT-2B, MDT-4B

- Compatible with all Linear access receivers and controllers.
- Superior transmission range.
- Factory programmed MegaCode format supports over 1,000,000 codes.
- Block coding available with provisions for facility codes.
- Lithium battery powered.

For adding keyless remote entry and panic functions to an existing access control system or as part of a new radio-based system, Linear offers the MDT series. These handheld transmitters are compatible with all Linear access receivers and controllers. They are a safe, convenient form of door, gate, or gate and door control and are ideal for handicapped access. At sites like campuses and parking garages, where extra security is needed, multi-channel models can be used as panic buttons to summon help.

One-, three-, and five-channel models are available. Each is lithium-battery powered and supplied with a metal clip for convenient attachment to a vehicle visor. A proprietary pulse position format results in an extended transmission range.

The single-channel MDT and MDT-1B transmit the same code to the radio receiver when either front or top button is pressed. It is used where only one remote control is needed, such as entrance to a gate when a free exit loop is used.

The MDT-2 and MDT-2B three-channel models send a unique code when either of the front buttons or top button is pressed. It is for applications where three separate access points are controlled or for combining keyless entry and panic functions.

The MDT-4 and MDT-4B five-channel models are for remote control of up to five separate access points or for

combining keyless entry and panic functions. It is also for use as a “magic wand” transmitter by personnel responsible for maintenance of a Linear access control system. It allows the user to lock gate A or B open or closed (remotely from a vehicle or office), then to perform a reset or “warm boot” on the system.

All three models are MegaCode format, which means each transmitter is factory preprogrammed with one of over 1,000,000 codes, virtually eliminating the possibility of code duplication. Because the receiver “learns” each specific code, no unauthorized person can gain access to the system by reprogramming a transmitter. Because there are no dip switches, the code cannot be changed. Block coding is also available, to save the time required for each transmitter to be individually learned. When used with a Linear access controller, all of these transmitters can be locally or remotely programmed into memory by entering the first and last codes of the block into the system. Facility codes can be selected to further customize the system. All transmitter code data is stored in non-volatile EEPROM. Data is retained in excess of 10 years, even if battery power runs out.

## General Specifications

**Dimensions:** 1.6 in L x 0.8 in W x 4.2 in H (41 x 20 x 107 mm)

**Channels:** MDT and MDT-1B one channel; MDT-2 and MDT-2B, three channels; MDT-4 and MDT-4B, five channels

**Power:** two 3V 2032 type lithium batteries (supplied)

**Battery Life:** up to five years

**Frequency:** 318 MHz

**Number of Codes:**  
1,000,000 plus

