

# HTE Manual

## Remote's Features

The HT (Hand Transmitter) remote, supplied with the MySpot 500, works closely in conjunction with the '500 to offer an array of features unique in the industry. In this section we cover some of these features.



### Pairing

Pairing is a procedure whereby a remote is added to the list of devices that are authorized to control the barrier. It is similar to the procedure used to pair your Smartphone with your car for hands-free operation.

### Why 3 buttons?

Each button on the HT remote control generates an individual code. That allows one remote to control 3 individual MySpot 500.

The HT also supports a 2-button mode of operation. In the 2-button mode, 9 MySpots can be controlled individually.

### Toggle vs. Discrete Commands

Toggle commands instruct the barrier to alternately go up and go down. This is the standard configuration for the barrier and the HT.

Toggle commands are a simple and effective to control the barrier when it is in line of sight. You know that if the barrier is down and you send a command, the barrier will go up, and vice versa.

There are applications where Discrete commands are preferred. The commands are Up and Down. If one sends an Up command and the barrier is up, the command will be ignored. Likewise, when the barrier is down, a Down command will be ignored.

Discrete commands are available when using the PK250 long-range transmitter.

### 1 or 2 Button Code?

The HT is shipped in the mode where only one button is required to be pressed. For applications where more than 3 adjacent barriers need to be controlled, the HT can be set to a two-button mode. Up to 9 adjacent barriers can be individually controlled. A command is sent only after 2 buttons are pressed in sequence (e.g. button 2 then button 1).

To program the HT remote to the 2-button mode, or to return it to its 1-button mode, see page 5.

## Pairing Procedure

Pairing links a remote to the barrier. When an un-paired remote sends a command to the barrier, the barrier will not respond to the command as this command has not been authorized. The red LED on the front of the barrier will flash for 1/2 second to acknowledge the signal. We refer to un-paired but otherwise valid signals as RED commands.

When a paired command is received, the green LED will flash. We refer to these as GREEN commands.

### Adding Remotes

Pairing a new remote is a 4-step procedure. It requires a previously paired HT and the new remote to be paired. We refer to the pre-paired remote as the GREEN remote and to the new one as RED remote.

#### Preparations:

1. Bring the barrier down using the Green remote
2. For the duration of the pairing procedure, stand on the barrier to prevent it from rising
3. Each step must follow its predecessor within 5 seconds. If the time was exceeded, the pairing sequence

will be aborted and the red LED will flash once.

4. If the step was performed within the required time and in the proper sequence, the Green or Red LED will flash a number of times indicating the completed step count (1 to 4).

**Step 1:** With the barrier down, stand on the barrier and send a Green command (from the pre-paired HT). The green LED on the barrier housing will flash once.

**Step 2:** As soon as the LED on the HT has turned off, send another Green command (from the pre-paired remote). The green LED on the barrier housing will flash 2 times.

**Step 3:** As soon as the LED on the "green" HT has turned off, send a Red command (from the un-paired remote). The red LED on the barrier housing will flash 3 times.

**Step 4:** As soon as the LED on the HT has turned off, send a Green command (from the pre-paired remote). The green LED on the barrier housing will flash 4 times.

The new remote has now been paired and can control the barrier just like any "green" remote.

## Special Configurations

### Erase Memory (Boot)

The only way to delete remotes that were previously paired with the MySpot 500 is to erase all the paired remotes from the memory of the barrier. This is also the case when all the paired remotes have been lost, and a replacement remote needs to be added. This erasure is known as a "Boot".

Boot can be done by pressing an internal "Boot" switch.

**To access the Boot switch requires a full disassembly of the barrier housing assembly. It is recommended that this be done by a qualified technician.**

Boot can also be done remotely, using the PK250 keypad remote controller, but only if the PK250 was previously paired with the barrier. Another way is to pair a total of 16 HT. When the 16th is added, a boot occurs.

### Pairing After Boot

This procedure is only applicable immediately after the MySpot was booted. MySpot 500 are delivered with 2 remotes which have already been paired. If you need to add more remotes, see the procedure "Adding Remotes" on page 4.

To pair a remote after a boot, send two commands from the

remote. The first command will be acknowledged as a RED flash on the LED in the housing. The next command will be acknowledged as a GREEN flash.

The barrier has now been paired with its first remote.

Please keep this remote in a safe place. It can be used to authorize additional pairing. However, if you have paired 2 or more HT with the barrier, any one of them can act to authorize additional remotes.

### Program 2 Button Mode

To place the HT remote control in the 2-button mode (where a sequence of 2 keys is required before a command is sent out):

- Press and hold buttons 1 & 2 simultaneously.
- After 5 seconds, the indicator on the HT will start flashing. Release the buttons. Make sure that the indicator continues to flash.
- Press button 2 and hold until the flashing indicator turns off.

To place the HT in the 1-button mode, follow the sequence above but as the last step press and hold button 1.

**TEST:** Press any button once. IF the indicator responds immediately, you are in 1-button mode.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.