

Interfaces to External Systems

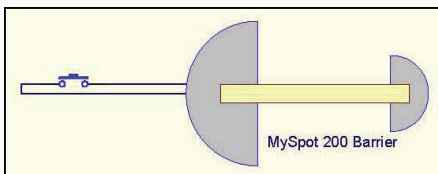
Application Note AN11

MySpot 200 is a remote-controlled single-space parking barrier. The device is self-contained, and requires no wiring to power or to control it. Power is derived from the weight of the vehicle that enters the space, and control is maintained via radio signals.

Occasionally it is desirable to control the barriers by another system, such as a security alarm, an energy management system, or an access control system. Listed below are solutions that can be offered by Designated parking. Note that none of these interfaces are in stock; they are made to order.

A. SINGLE CONTACT DIRECT CONTROL

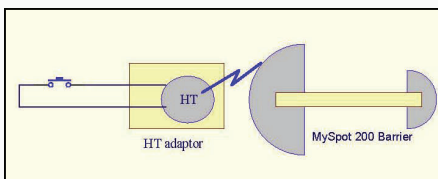
The electronics inside the MySpot 200 can be ordered with



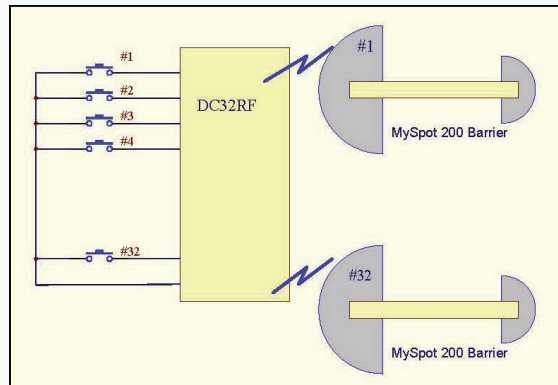
an adaptor that accepts a contact closure. When the contact is closed momentarily, the barrier will respond in the same way that it would to a remote command from the handheld HT transmitter.

B. SINGLE CONTACT RF CONTROL

An HT remote transmitter is modified to accept an external contact closure. The remote is placed in proximity to the barrier to be controlled, or inside the barrier housing.



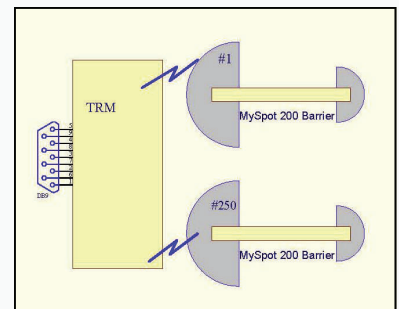
C. MULTIPLE CONTACT RF CONTROL



This is similar to the "Single contact RF control", except that there are 32 inputs instead of one. The link to the 32 barriers is done via RF signal. The interface board must be located not more than 150 feet from any of the barriers to be controlled.

D. SERIAL PORT RF INTERFACE

An RF transmitter can be connected through an RS232 connection, or a USB connection, to a master controller or system. This allows the master system to send commands to up to 250 individual barriers.



The system capabilities can be expanded to include 2-way RF communications with the barriers.

Designated Parking Corp. reserves the right to continue to make changes and improvements to its products without prior notice.

Updated 18JAN208