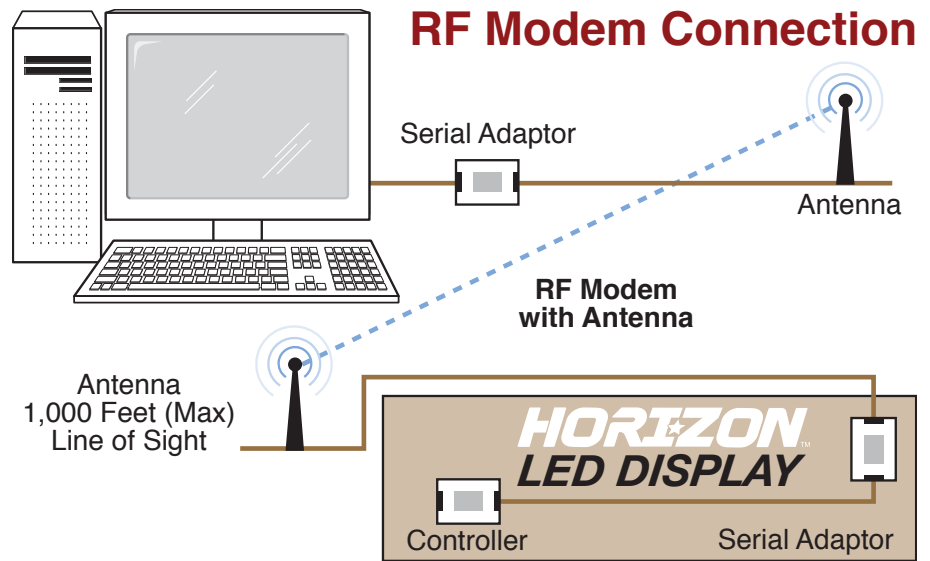


# Communicating to Sign

## Horizon™ Outdoor LED Signs

### RF Wireless

Wireless radio frequency communication to low bandwidth displays. Requires clear line of sight between wireless devices. Maximum transmission distance tested is 1000 feet.



## RADIO CONTROL (WIRELESS)

In this method of communication, a transmitter at the PC, sends a signal to a "line-of-sight" transceiver. There are no wires between the PC and the sign. The PC and transmitter need power and the sign and transceiver need power.

### Advantages:

1. There are no wires between the PC and sign so installation costs are greatly reduced.
2. The sign or PC can be moved easily because there are no wires to move.

### Considerations:

1. Requires line of sight from the transmitter to the sign. This means, if you are standing at the PC, you must be able to see the sign.
2. Due to interference of other radio frequency devices, reception to the sign can be an issue and at times the sign may lose reception.
3. The increased complexity of radio communication increases the likelihood of errors.

**Contact Spectrum for help in selecting the best networking solution for your Horizon Outdoor LED Signs.**