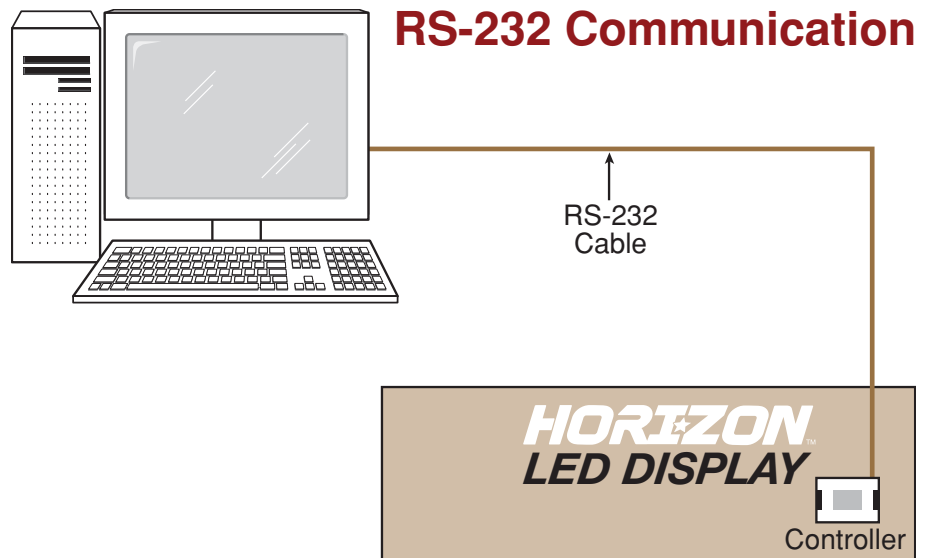


Communicating to Sign

Horizon™ Outdoor LED Signs

RS 232

Hard-wired communication to low-bandwidth displays. Maximum 50 feet of cable can be used to control one display.



DIRECT HARDWIRE

In a direct hardwire connection, the sign is connected to a PC running Spectrum's messaging software through a DB9 serial cable. The connection is made from the RS 232 serial port of the PC to an RS 232 port on the sign controller.

Advantages:

1. It is the most reliable connection of all methods and has the least possibility of failure.
2. It is a cost effective communication method.

Considerations:

1. It is limited to 50 feet of communication distance.

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