

### INDOOR REMOTE SIGN CONTROLLER SETUP

Proper setup of the indoor Remote Sign Controller is very important to ensure long term maintenance free operation. The basic setup of the indoor R.S.C. is relatively easy, read carefully all the details of the setup procedure while making the initial power, data, and telephone line connections.

Several environmental considerations for the indoor R.S.C. should be met while installing the unit. The R.S.C. may be placed on a table, desktop, or any other vibration free horizontal surface. The area should be reasonably free from lint and dust. Position the indoor Remote Sign Controller in a location where the cables hanging off the back of the unit will not be stepped on or pulled. Do not place the R.S.C. system in any type of enclosed compartment, as the unit must have sufficient ventilation.

The indoor R.S.C. may be installed adjacent to most other types of electrical or electronic equipment without serious interference. Situate the R.S.C. as far away as possible from other "electrically noisy" electromechanical devices such as card punch machines, etc...


The ambient temperature around the indoor Remote Sign Controller should never go below 50° F or exceed 90° F when the system is in operation, the relative humidity must be between 20% and 80% (noncondensing) during R.S.C. operation and storage. Allow for a free flow of air around the R.S.C. box.

**NOTE:** The indoor Remote Sign Controller must be within 5000 feet of the message center display cabinet.


## INDOOR REMOTE SIGN CONTROLLER HOOKUP


Strip back the outer insulation from the temperature cable approximately 2". Using a pair of wire strippers, strip 3/16" of insulation off the ends of the two wires. Connect the wires to the temperature input of the Sign Controller, black going to pin 1, red to pin 3 and shield to the Earth Ground screw.


Connect the fiber-optic cable (cables) to the Fiber-optic Out 1 or Out 2 connector.

 **CAUTION:** The fiber-optic connectors come with rubber caps on them. Always keep a cap on the unused connector to keep lint and dust out. Lint and dust will cut down on the signal (power) output of the fiber-optic transmitter.

Connect the power cord to the Indoor Remote Sign Controller and turn the power switch on.

 **CAUTION:** Use care when stripping the wires to prevent accidental cutting to any strands of the wire.

 **CAUTION:** Do **not** connect the power cord to the Indoor Remote Sign Controller until the temperature cable has been terminated at both ends. Failure to do this will result in damage to the Indoor Remote Sign Controller.

 **CAUTION:** Use extreme care when handling the fiber-optic cable; it is not as rugged as normal copper wire. Care must be taken to avoid yanking, flipping, or wrapping cable around the hand which can result in excessive stress on the glass fiber. Sharp bends, tight loops, kinks, knots, scraping, foot traffic, or places that might produce crushing forces upon the cable must be avoided. Never pull directly on the connectors or close to the connector ends.

**NOTE:** Do not use an adapter to eliminate the power cord ground post for the R.S.C. nor the telephone line surge suppressor. E.D.S. recommends that all electrical circuits used in computer installations, be dedicated circuits (in this application maintained solely for the R.S.C., no other attached loads).