

SER-6500 Cable and Wiring

1. IRC Cable

- IRC cable has to be CAT5 twice pair cable.
- IRC cable connectors are RJ11.
- IRC only use on pair of wires. Only connect to Pin1 and Pin6 on RJ11. Pin2 ~ Pin5 are not to be connected.
- Wiring is straight thought. Pin1 (Brown-White) to Pin1, Pin6 (Brown) to Pin6.
- The IRC system wiring should be in order. From REG#1 to REG#2 then from #2 to REG#3 then from #3 to REG#4 and so on
- The spare connector on the first REG (REG#1) and last REG must have IRC terminator.

2. REG to PC Cable

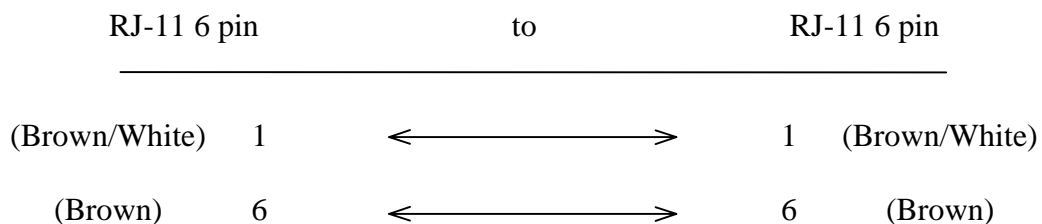
- The data cable that links from REG system to PC must be shielded.
- The cable connector is DB9 male on REG side, DB9 female or DB25 female on PC side.
- The cable shield should be soldered to the DB connector's metal frame on both sides.
- PC should link to REG#1. It is best to use Serial 1 or Serial 2 on the register. Do not use Serial 3 & 4 on the expansion board!

3. REG to Device Cable

- The data cable that links from REG system to Device (eg. Scanner, Scale, Printer...) must be shielded.
- The cable connector is DB9 male on REG side.
- The cable shield should be soldered to the DB connector's metal frame on REG side. If the Device side is DB connector, the cable shield should be soldered on the DB connector's metal frame in the Device side as well.

Cat 5 with RJ11 for SER-6500 IRC Network

Note: pin 3 to pin 5 in both sides must be empty.



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