

Wiring

These pages are copied from the Installation and Programming Manual.

Selecting a Location

- ◆ Install TeleCraft anywhere in your office, in a closet, or in a separate room. It has two holes for wall mounting.
- ◆ **DO NOT install in direct sunlight, hot, cold, or humid places. Make sure that the room temperature is between 50 to 70 °F (10 to 21 °C)**
- ◆ **Avoid** installing near high frequency generating devices like electric welding machines, microwave ovens, computers, FAX machines, cell phones, televisions, or air conditioners.
- ◆ Avoid using the same 120 VAC power outlet for computers, FAX machines and TeleCraft.

All wires connecting TeleCraft to the ports must be inside your building and away from power lines.

Connecting pins 1, 2, 3, 4, 5 or 6 to any voltage source will permanently damage TeleCraft and will void the warranty.

- ◆ Avoid installing telephone cables in parallel with power lines. If you have no choice, use shielded cables and ground the shield.
- ◆ Protect all cables that are on the floor.
- ◆ Move cables away from any traffic area.

Wiring Requirements

- **CO lines**

You need to “run” a pair of wires between any CO line and TeleCraft. TeleCraft uses tip and ring, RJ-11-C pins 3 and 4, for each CO line. Pins 1, 2, 5, and 6 are not connected. Tip and Ring can be reversed. See table below.

CO RJ-11C	Connection
Pin 1	Not connected
Pin 2	Not connected
Pin 3	Tip or Ring
Pin 4	Ring or Tip
Pin 5	Not connected
Pin 6	Not connected

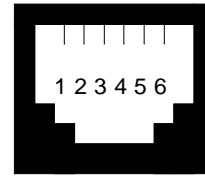


Figure 1: RJ-11

Table 1: CO connector pin assignments

- **Ports (all except port 07)**

You need to “run” four wires between any telephone and TeleCraft. The wiring **MUST** be straight, i.e. pin 2 on one side connects to pin 2 on the other side, pin 3 on one side connects to pin 3 on the other side, etc. See the table below.

PORT RJ-11C	Connection
Pin 1	Not connected
Pin 2	Digital GND
Pin 3	Tip or Ring (TEL)
Pin 4	Ring or Tip (TEL GND)
Pin 5	Digital signal
Pin 6	Not connected

Table 2: Port connector pin assignments.

- **Port 07 only**

Pins 2 and 5 are used for the power announce and are designed to connect to a power amplifier.

PORT RJ-11C	Connection
Pin 1	Not connected
Pin 2	Audio OUT
Pin 3	Tip or Ring (TEL)
Pin 4	Ring or Tip (TEL GND)
Pin 5	Audio GND
Pin 6	Not connected

Table 3: Port 07 connector pin assignments.