

Installation Instructions

7120 Control Station

GENERAL INFORMATION:

The 7120 is a 4-wire Control Station intended for use with the 7100 Control/Communicator. Containing a keypad, sounder and status indicator lights, the 7120 is designed to support all control system functions except those requiring an alphanumeric display (history and error displays). The 7120 may be used in the same 7100 system along with the other keypad types (7030, 7135 and 7140).

Recommended wiring to the control is standard #22 AWG, non-shielded quad conductor (4 wire) cable. A maximum of 500 feet (150m) of wiring is allowed between the control and each control station.

Mounting variations of the Control Station include wall surface mounting, mounting to standard single or double gang switch or outlet boxes, and direct mounting to the front of the 7100 control enclosure.

LOCATION:

Ideally, one keypad should be located close to the primary entry/exit door to the premises, and within 500 ft. of the 7100 control. As the control will support a maximum of four Control Stations, installation of additional stations is allowed at secondary entry/exit points, or other strategic locations within the premises. **NOTE:** *Not intended for outdoor installations.*

Where the distance from any entry/exit point to the nearest Control Station will cause a violation of a protection zone, appropriate entry/exit delay time periods and delay zones must be considered.

LOUD / SILENT OPERATION :

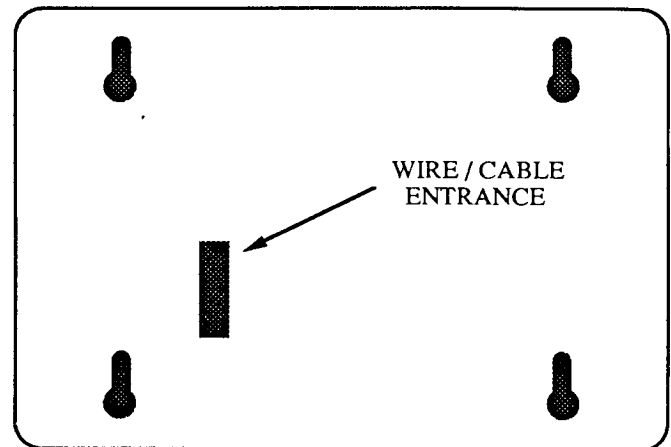
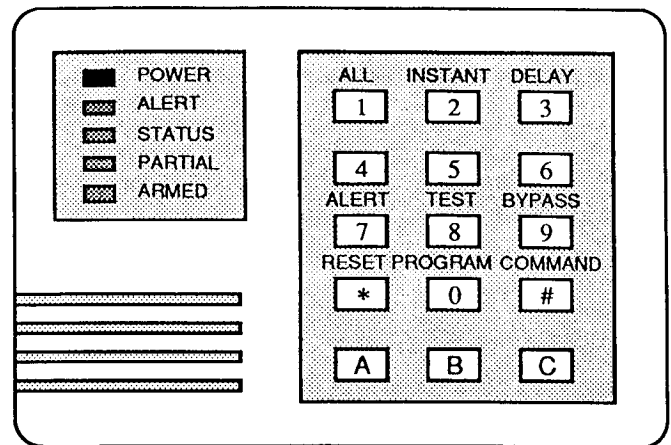
As shipped this keypad is set for **Loud** operation, all system keypad entries and error code beeps will be heard regardless of which control station is being used. To make this keypad **Silent** carefully cut the "SILENT" jumper. With the silent jumper cut no keypad beeps will be heard at all.

However, in the event of an alarm, all control station sounders will mimic the system siren output (continuous or pulse) even if the "SILENT" jumper has been cut.

If the Fire zone is in use, at least one keypad in the system must be programmed Loud so fire trouble beeps will be heard and that keypad must have a display so the fire trouble indication may be seen.

MOUNTING:

- () Remove the cover from the base by inserting a flat screw driver in the two slots in the bottom of the cover and pressing up, pull the cover straight away from the base.
- () **Wall Surface Mount** - Using the base as a template, mark the location for the four mounting holes and the wire/cable entrance on the mounting surface. Provide an appropriate opening in the mounting surface for the wiring, and pre-start the mounting screws. *Do not secure the base at this point.*
- () **Switch or Outlet Box Mount** - Use either set of holes for mounting to a single gang box and both sets of holes for mounting to two gang boxes. With the single gang box mount, secure the other set of holes to the wall. *Do not secure the base at this point.*



WIRING:

- () Route wiring as necessary from the control to the point of 7120 installation. Use no more than 500 ft. (150 m) of #22 AWG, 4 wire cable for connection to the control. **Be sure all wiring is unpowered (de-energized) before routing.** **NOTE:** *Each Control Station must be individually wired back to the control. Do not daisy chain or T-tap the wiring.*
- () Bring cable through the Wire/Cable Entrance in the base, and secure the base to mounting surface or box.
- () Make all necessary wiring connections to the C308 Connector Cable included with the Control Station. (For 7100 control terminal connections, see the control installation manual 19705.)



- () After all connections have been made, mate the C308 connector through the rear of the 7120 circuit board opening onto the male pins with the red wire positioned on top.
- () Place the cover onto the base, and while feeding the excess cable out the rear of the base, press the cover straight in until the latches on both sides snap.