SG-32 Series Fire Alarm Pull Station
Installation Instructions

995-0045 rev.A 10-26-00

The SG-32 Series Pull Station may be surface mounted with a SigCom supplied Backbox option or flush mounted on a standard single gang switch box. In either case be sure to follow local codes and regulations. To comply with ADA standards the Pull Station must be less than 48 inches above the floor for front wheelchair access, and less than 54 inches above the floor for side wheelchair access.

Surface Mount
A surface mount installation uses a red diecast or sheet metal Backbox. The Backbox has four pre-drilled mounting holes of 0.187 inch diameter. A screw of size 8 or smaller can be used to attach the Backbox to a wall. After the Backbox is in place, attach the conduit. The cast Backbox has an opening that is tapped for a 1/2 NPT fitting which may be oriented at the top or bottom when the box is attached to the wall. The sheet metal Backbox has conduit knockouts. Field wiring is connected to a terminal block on all models except the SG-32B version (pigtail wiring), as shown in the wiring drawings. The wire should not be wrapped around the terminal, but placed under the clamping plate. The housing is locked using either a key lock or a hex lock, depending on the version purchased. Unlock the housing by turning the key clockwise and swing down the front of the housing to make the sheet metal mounting plate accessible. Mount the metal plate to the Backbox using the four, 1/4 inch length, 8-32 screws that are supplied. If a breakrod is being used, move the **PULL** handle to about a 45 angle with the face of the housing. Insert a breakrod into the cavity beneath the **PULL** handle. Place the **PULL** handle back into the normal position (flush with the housing). While holding the **PULL** handle in place, move the housing back to the upright position and lock. The Pull Station is now ready for operation.

Flush Mount
Most flush mount installations may be attached to a standard single gang switch box (not supplied by Signal Communications). **The SG-32CX model includes 2 SPDT switches. Only the common (white) lead is attached to the terminal strip at the factory. Attach the N.O (black) or N.C (red) lead to the terminal strip as required. After the proper connections are made, cut or terminate unused leads.**

Wiring Drawings