

HV800-VL1 Volume Control for HV800 Type Displays



Connecting to ScanAlert Nurse Call System

By using the MC68HC908JK3 firmware HV80-V1, the DCCP printed circuit board 800-658D can be used as volume control for the HV800 type display.

1. The circuit below is simpler in design when compared to the DCCP, and hence some parts will be omitted on the PCB.
2. Operation is designed to be simple. Pressing the centre switch on the PCB, will illuminate the Active LED and control code (ID) 254 will be placed on the buss for two (2) complete cycles of the ScanAlert system. Operating the Bottom switch will cause control code 253 to be active on the system for two cycles. By ensuring VOL_UP and VOL_DWN are at the corresponding ID locations when uploading is completed, the control sequence can be made visible providing feedback to the staff.
3. The control codes (253 and 254) have been pre-programmed to all HV800 displays Version C and higher.
4. Power RESET to the display, will return the display to default of volume high.

