Mounting Big Display on Bail:
1. Mark the location of mounting screws on the flat surface.
2. Be sure to leave enough room around the bail to allow for removal and rotation of the display.
3. The display can be rotated for the best viewing angle.

Disassembly Instruction:
Warning: Disconnect all ac power from the unit before proceeding.
1. Remove all wiring connections from the rear of the instrument, by unscrewing the power and input connectors.
2. Remove eight screws at the back of the display and back cover.
3. Remove the Big Display from the panel, unscrew the two knobs at each end of the mounting brackets.

Mounting Big Display Through Panel:
1. Using the panel cutout diagram shown above, cut an opening in the panel.
2. Insert the unit into the opening from the front of the panel, so the gasket seals between the bezel and the front of the panel.
3. Align back cover to Big Display and reinstall screws.

Connections to the computer are optional.

WIRING
   The RS-232 standard (point-to-point) allows a single device to be connected to the Big Display using a three-wire connection (full duplex).

   Device with RS-232 Pin Function
   Screw Terminal
   Receive (Rx) 4 (Tx) 3
   Transmit (Tx) 2 (Rx) 1

   Large Remote Display
   Screw Terminals
   RS-232 Pin Function
   4 3 5

2. Wiring RS-485 Interface.
   The RS-485 standard (multipoint) allows a computer, one or more devices and Big Display (up to 32) to be connected using a two-wire connection (half-duplex) plus a common wire to connect to the shield of the cable. It is recommended to use shielded cable with one twisted pair for EMI noise protection.

   Device with RS-232 Pin Function
   Screw Terminal
   Receive (Rx) 4 (Tx) 3
   Transmit (Tx) 2 (Rx) 1

   Large Remote Display
   Screw Terminals
   RS-485 Pin Function
   RX 1 (Tx) 3 (Rx)
   TX 2 (Rx) 4 (Tx)

   Connect the main power connections as shown in the figure below.

   Computer Card or Converter Box
   Device with RS-485 Pin Function
   Remote Display
   RX 1 (Tx) 3 (Rx)
   TX 2 (Rx) 4 (Tx)

   Screw Terminal
   3 3 1

   Power Supply
   100 - 240 Vac

   Display colors change sequences
   AMBER | RED | GREEN
   0 | LO-1 = 100 | LO-2 = 300

   Example 2:
   Normal Color: “NO.CR”=Green

   Display colors change sequences
   AMBER | RED | GREEN | RED | AMBER
   0 | LO-1 = 100 | LO-2 = 150 | HI-2 = 200 | HI-1 = 250

   Example 3:
   Normal Color: “NO.CR”=Green

   Display colors change sequences
   AMBER | RED | GREEN
   0 | LO-1 = 100 | LO-2 = 300

   Configuration:
   Button Functions in Configuration Mode

   • To enter the Menu, the user must first press the button. Use this button to advance/navigate to the next menu item. The user can navigate through all the top level menus by pressing the button.
   • While a parameter is being modified, press the button to escape without saving the parameter.
   • Press the up button to scroll through submenus when a numerical value is displayed press this key to increase value of a parameter that is currently being modified.
   • In the Run Mode pressing the button causes the display to flash the PEAK value several times before returning to the Run Mode.
   • In the top menu press the button to display the menu items.
   • Press the down button to scroll through submenus when a numerical value is displayed press this key to decrease value of a parameter that is currently being modified.
   • In the Run Mode pressing the button causes the display to flash the VAULT value several times before returning to the Run Mode.
   • In the top menu press the button to display the VAULT menu items.
   • Press this button to store a submenus after entering a value – the display will flash a message to confirm your selection.

   X, w, z, and some punctuations are non-printable characters.