EXOR ELECTRONIC R&D **TECH-NOTE**

VT100 Startup Procedure

UniOP display panels ordinarily function as intelligent operator interfaces capable of automatically retrieving and displaying data from a PLC. When using the panel in VT100 mode, the display becomes an dumb ASCII terminal with programmable function keys.

Before starting VT100 terminal mode, you will be required to create and download one project page as described below. Once this is done, the panel will automatically start in terminal mode whenever power is applied.

The backup batteries located under the rear cover plate are used to maintain the parameters defined in the VT100 setup menu.

Initial startup procedure:

STEP 1 Install the batteries under the rear cover plate (*See the UniOP User's Manual for Details*).

STEP 2 Apply power to the panel

Make sure the unit is in UniOP Configuration mode.
(The word "CONFIGURATION" should appear on the screen)

If the unit is not in CONFIGURATION mode, follow these steps:

? Press/Hold the ENTER key until you see the VT100 configuration menu
? Use the UP/DOWN arrow keys to select "Configuration mode–>" and press ENTER
? The first page of the project file will be displayed (*the page may be blank*)
? Press/Hold the ENTER key until the UniOP System menu appears
? Use the LEFT/RIGHT arrow keys to select "CONFIGURATION" and press ENTER
? The words "CONFIGURATION MODE" should appear on the screen

STEP 3 Connect the programming cable (CA2) between a PC and the panel.

STEP 4 Start the designer software on your PC.

You must use the DOS designer for VT100 or select the VT100 driver from the "Projects - Change PLC driver" menu in the Designer for Windows software package.

STEP 5 Select "*Projects - Panel Setup*" and choose the panel model.

STEP 6 Select "File - New" to create a blank project file.

Full Project files are displayed when the panel is operating as an intelligent operator interface. In VT100 mode only page one is used to display a help message which should explain how to return to UniOP configuration mode.

STEP 7 Type the following help message on page one of the project file.

" PRESS/HOLD ENTER TO RETURN TO UNIOP CONFIGURATION MODE"

STEP 8 If you wish, save the project file to disk.

STEP 9 Select "Transfer - Download" from the main menu.

After this initial download, the panel will default to VT100 terminal mode whenever power is applied.

STEP 10 Select "Transfer -Start" from the main menu or cycle power to start the project.

STEP 11 To access the VT100 setup menu:

? Press/Hold the ENTER key until the menu appears