Multiple Field Data Entry Mode

UniOP panels with firmware version 4.07L and greater offer the capability of multiple field data entry mode. This feature allows the user to edit more than one field without exiting data entry mode.

In order to use this feature, the user will need to create *two* separate macro keys.

- The first macro key needs to be programmed in either *All Pages* mode or *Page n* mode (where n represents a specific page in the project). The function of this key is to take the user into data entry mode. If this key is programmed in *All Pages* mode, then pressing the key on any page in the project will take the user into data entry mode. If this key is programmed in *Page n* mode, then the user must be on page number n to access data entry mode with this macro.

- The second macro key needs to be programmed in *Data Entry* mode. The function of this key is to perform the following elementary macro commands *in the following sequence*:

1) Confirm data entry
2) Begin data entry
3) Go to next field

An example of this procedure is shown below and on the following pages.

If you want to have F1 programmed as the key that takes the user into data entry mode and F2 programmed as the key to perform the three elementary macro commands listed above, you would perform the following operations.

<u>To program the F1 key to take the user to data entry mode:</u>

1. Select *Keyboard Macro Editor* from the *Project* menu (you can also click on the Keyboard Macro Editor icon on the bottom row of the toolbar).

2. Click on the *F1* icon at the top of the page.

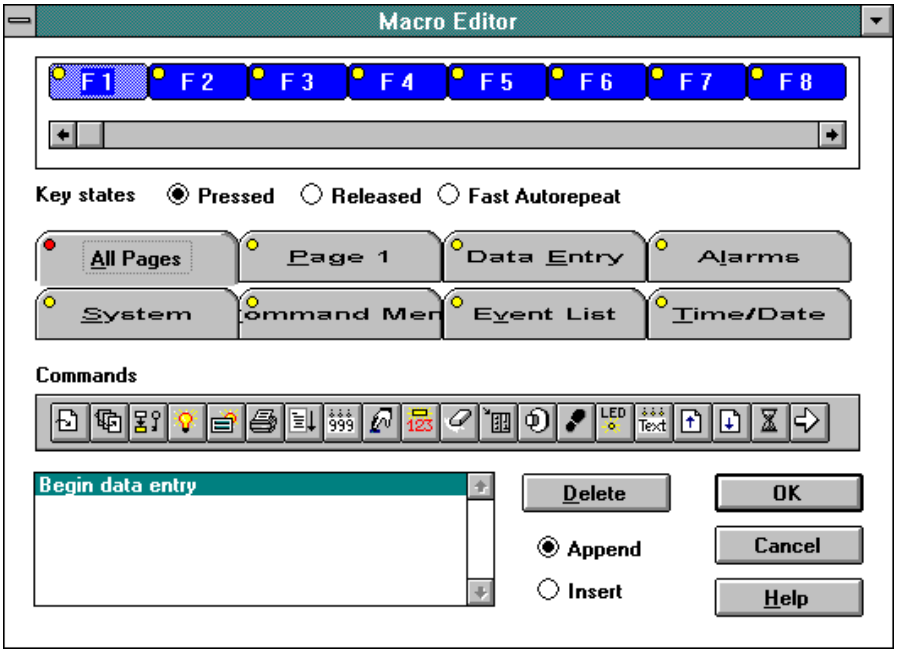
3. Click on the *Pressed* radio button beside Key states.

4. Click on either *All Pages* or *Page n*, depending upon if you want this key to function in all pages or on only one specific page.

5. Click on the *Begin Data Entry* icon in the Commands toolbar (this icon shows a hand pressing a key).

6. Click on *OK*.

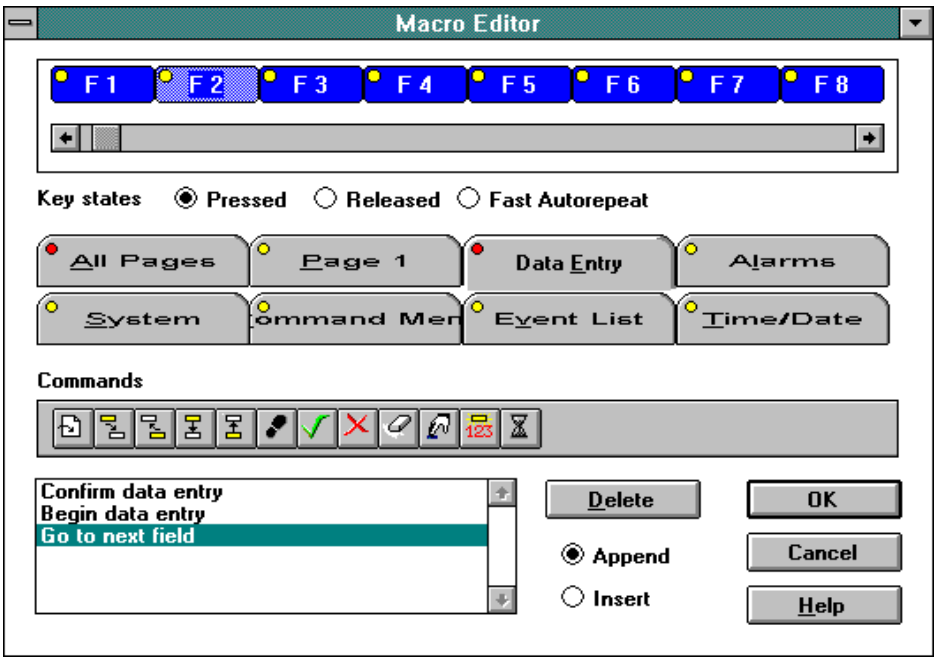
The following screen capture shows the macro editor dialog box after the steps on the previous page have been completed.



<u>To program the F2 key to allow editing of multiple fields:</u>

1. Enter the *Keyboard Macro Editor* as previously described.
2. Click on the *F2* icon at the top of the page.
3. Click on the *Pressed* radio button beside Key states.
4. Click on the *Data Entry* index tab.
5. Click on the *Confirm Data Entry* icon in the Commands toolbar (this icon is a green check mark).
6. Click on the *Begin Data Entry* icon in the Commands toolbar (this icon shows a hand pressing a key).
7. Click on the *Go To Next Field* icon in the Commands toolbar (this icon has of a yellow box with a crooked arrow pointing down to a white box).
8. Click on *OK*.

The screen capture shown below depicts the macro editor dialog box following the completion of the eight steps given on the previous page.



Using These Macros to Edit Multiple Fields

Let's assume that the macro keys described in the previous example were programmed. What follows is a description of how you would physically use these keys with a UniOP panel.

Once the fields have been created, begin data entry mode in order to change the value of the fields. Do this by pressing the F1 key. As soon as the F1 key is pressed, the cursor will move to the first field on the page. At this point, a value may be entered for this field. When the value has been entered, press F2 to confirm this value and advance to the next field. Enter a value for this field and press F2 to accept the value and move to the next field. This process of entering a value and pressing F2 can be continued until all of the fields have been edited. If the cursor is positioned on a field in which the present value must be preserved, pressing the F2 key will skip over the current field and position the cursor on the next field. When the editing process is completed, pressing the enter key *twice* will return the panel to operation mode.