

PROG

TECHNICAL MANUAL



ⓘ WARNING

Do not use the equipment without reading the instruction.



PROG MANUAL

The PROG keyboard can be used to set the Triflex TOP parameters board.

When the machine is powered, PROG is in Trip Computer mode and shows some useful information for testing the connected accessories to the Central Inverter, such as the FEC, ABR, BOT, FOT and RF input status. In front of the input name is its respective value, 0 for off and 1 for on.

See the picture below:

FEC:0 ABR:0
BOT:0 FOT:0 RF:0

By default, two status screens are switched so that variables and inputs can be viewed.

FEC:0 ABR:0
BOT:0 FOT:0 RF:0



Course: 200
Freq.: +150,0Hz

The second screen shows route through the gate of the encoder signals is the frequency in Hertz that is central in real time by applying the induction motor.

PROG BUTTONS OF OPERATION

The **MINUS (-)** key has two functions:

❶ When the PROG is in Computer mode, described above, this button turns off the automatic scrolling screen, getting static screen that was pressed;

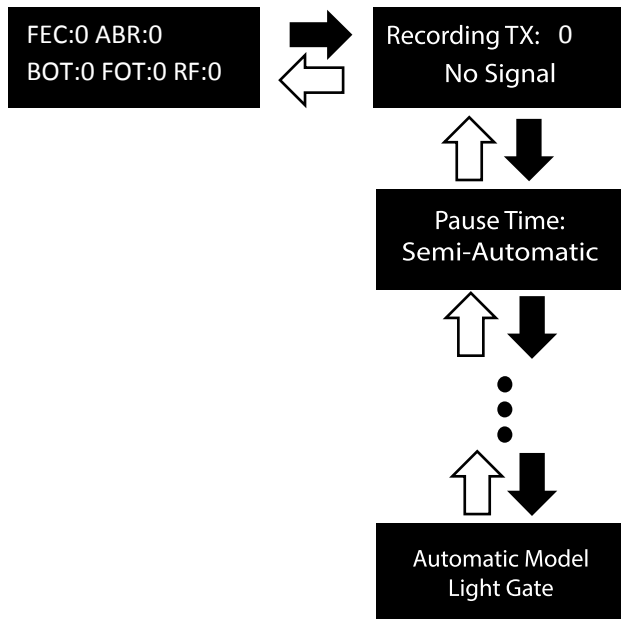
❷ When the PROG is in Programming mode which will be described below, this key will only be to decrement the current parameter.

The **PLUS (+)** key has two functions:

❶ When the PROG is in Computer mode, this button switches to computer screen and at the same time for the automatic scrolling;

❷ When the PROG is in Programming mode, it increments the value of the variable.

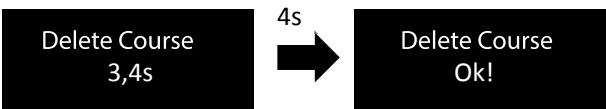
The **(<-)** and **(->)** keys are used to enter the Programming mode and navigate to the variable that will be adjusted. See the following example:



The (**<-**) key is used to return to the Computer or navigate through the Programming menu functions. See the picture above.

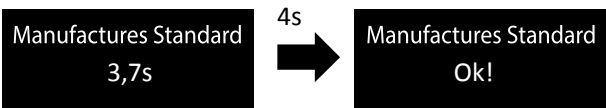
DELETE ROUTE

To erase the recorded route just press the two buttons (-) and (+) dial for four seconds (4s) until the message below:



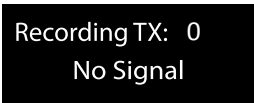
APPLY DEFAULT VALUES

If the (-) and (+) keys are pressed after the route is cleared, according to the topic above, the default values will be applied to the Inverter parameters board after another 4 seconds. See the figure below:

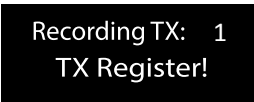


RECORDING AND DELETE TRANSMITTERS

To **record** a transmitter, press the (**->**) key to enter the Programming Menu, and the following screen will be displayed:

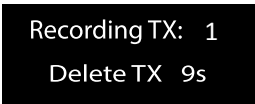


Press the transmitter button to be recorded for 1s and then press the (+) button. The board will show the following screen after having recorded transmitter:



The same procedure should be used for other buttons and other transmitters that need to be recorded.

To delete a transmitter, simply press the (-) and (+) keys simultaneously for ten seconds (10s) when the TX record screen is selected. See the following figure:



The time will be decremented by 1 sec. Until it is zeroed, then the display will show a confirmation message of the action you just performed.