

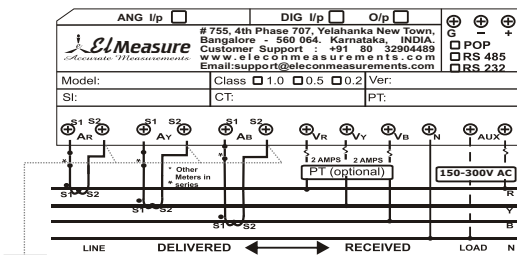
# PROGRAMMING GUIDE - Little Genius / $\mu$ Genius kWh

## 1. UNIQUE FEATURES

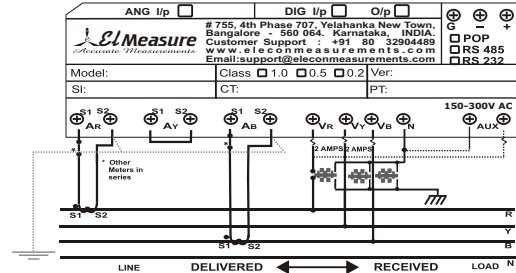
- STAR (Wye)/ Delta Programmable.
- Auxiliary (150 - 300V AC) supply.
- CT primary programmable
- "OLD" Register for storing Cleared Energy. (only for  $\mu$ G)
- Compact size and light Weight.

## 2. WIRING DIAGRAM

**Fig 1 - 4 Wire Star (Wye) - 3 Element Direct Connection**



**Fig 2 - Three Wire Delta Systems**



## 3. KEY FUNCTIONS

Key	In SET (Programming) mode	In Measurement mode
<b>RIGHT</b>	To select the value and to accept the value	No action
<b>UP</b>	To edit the value/system type up-ward in edit mode and scroll through the parameters. (UP key is not available in $\mu$ Genius)	To scroll up the pages to look at different parameters.
<b>DOWN</b>	To edit the value/system type down-ward in edit mode and scroll through the parameters.	To scroll down the pages to look at different parameters (only for $\mu$ G)

## 4. ENTERING CONFIGURATION (SETUP) MODE

To configure the setup parameters in Little Genius (LG) or  $\mu$ Genius ( $\mu$ G) series of meters through front panel keys, the following steps can be followed.

Step	Actions	Display Reads	Range/Options / comments
1	Press RIGHT and UP/DOWN keys together to enter the setup	SEtP (SETUP) SEt.CLR (setup/clear)	Press RIGHT and UP keys together for LG and RIGHT and DOWN keys for $\mu$ G
2	Press DOWN key	0000 PS (Password) with first digit "0" blinking.	
3	Press UP/DOWN key in order to first digit to increment to "1".	PASSWORD = 1000 (default/factory set).	0000 the corresponding digit blinks (In case of mG digits will be decrement)
4	Press RIGHT key four times to accept the password.	StAr. EL	StAr means STAR system. Meter would display the last set up value/ system.
5	Press RIGHT key to select other option	"StAr. EI" blinking. Now other options can be chosen.	Options : StAr (Star/Wye), dELt (Delta)
6	Press DOWN/UP key to change the system type	StAr / dLtA	
7	Press RIGHT key to memorize the system type required.	Blinking stops. Displays steady system type.	
8	Press Down key to go to next parameter.	xxxxC.P (5.000 default setup)	Indicates the value in first four digits and CT Primary in last two. Range : 1A to 50kA
9	RIGHT key to edit the value	Editable digit blinks.	
10	Press UP/DOWN key to select the required value.	Changed digit blinks.	
11	Press RIGHT key to accept the changed value.	Blinking digit stabilizes.	Follow the same procedure to set the rest digits.
12	Press UP/DOWN keys	Decimal point blinks	Set Kilo, while setting decimal point. Eg : To set 10.00kA., Set first 4 digits (1000) as explained above. Keep pressing UP/DOWN key to place Decimal point at appropriate location while Kilo LED should also come ON.
13	Press Down key to go to the next parameter.	<b>SAVE Y</b> Follow the procedure as explained in Sl. No. 9 to 11 to edit.	To save the setting made. Option : Y (YES) / n (NO)
14	Press RIGHT key to memorize/store the changes done.	Display returns to run mode.	If "n"(no) is selected then Meter enters into RUN mode without secondary affecting any edited Values in the setup.

Once the required parameter is programmed press the down key continuously up to it reaches SAVE page to reach SAVE page directly.

## 5. LED INDICATIONS

LED status	Meaning
'KILO' ON	Kilo
'MEGA' ON	Mega
'KILO' & 'MEGA' ON	Giga
'KILO' & 'MEGA' OFF	Direct reading
'OLD'	Last cleared Energy

## 6. CLEARING THE INTEGRATOR

To Clear parameters of the Micro Genius from the front panel, Press RIGHT and DOWN Keys together, and Set.CLR is displayed. Enter the Password (default password is 1000 Setup and Clear have the same password) and it will display. Press right key and meter will prompt to YES or No.  
 You can also Press UP and DOWN keys together in case of Little Genius. "CLR.I" (clear integrator). Press UP and DOWN key for changing Yes or No and Press RIGHT key to do the operation. The cleared value is transferred to OLD register for future references. Performing the clear operation twice will clear the data in OLD register also.