MANUAL FOR MRB-20 FN MOTHER BOARD AND CHARGER

MOTHER BOARD CONNECTIONS / SUPPLY CONNECTIONS

CN1 = DISPLAY CONNECTER   **TXR** = TRANSFORMER
CN2 = BUZZER CONNECTER   **B+** = BATTERY PLUS
CN3 = KEYS CONNECTER   **B -** = BATTERY GROUND
CN4 = RS232 CONNECTER   **PLED** = POWER LED
CN5 = LOAD CELL CONNECTER
CN6 = POWER SUPPLY CONNECTER

KEYS = **TARE/ENTER KEY** = FIRST KEY = MICRO PIN NO.5
       M+ KEY = SECOND KEY = MICRO PIN NO. 6
       MR KEY = THIRD KEY = MICRO PIN NO.7
       MODE/ ON -OFF KEY = FOURTH KEY = MICRO PIN NO. 8

OPERATIONS / SETTINGS

i) Hold MR key and power on
    LOCPAS = Enter Master password (2011)
    PASWORD = Change Parameter setting password
    FNAME = Enter Farm name
    BAT = Battery Voltage Selection
         1 = 6 Volt Battery
         2 = 4 Volt Battery

ii) Hold M+ key and power on (Enter parameter setting password)
     MF = mode function :1= counting ,2= setpoints,3= litre/ %
   DSS = display mode:0 = weigh mode,1= save mode.
   A-0 = auto-zero tracking counts (0- 9)
   DU-0 = dummy zero: 0= normal weighing without dummy zero
                1= with dummy zero
                2= dual accuracy (0.5/1) or (5/10)
   CS = No. of Capacity Selection 1 = Only One Cap.
                            2= Two Cap.
                            3= Three Cap.
   Fn 2 = Press Mode Key Direct jump to **Fn3**
   CAP-1 = first capacity (first scale range for triple capacity) (Enter)
      (if not use inter 00000 value)
     DP1 = decimal point (DP) of cap1
     FD1 = accuracy class (FIRST DIGIT) of cap1
   CAP-2 = second scale capacity (enter)
     (if not use inter 00000 value)
     DP2 = decimal point (DP) of cap2
     FD2 = accuracy class (FIRST DIGIT) of cap2
   CAP-3 = scale capacity (enter)
     DP3 = decimal point (DP) of cap3

FD3 = accuracy class (FIRST DIGIT) of cap3

Fn3

Litd = litre dencity / % value , fifth digit 0=litre mode
Fifth digit 1= % mode

Hold **MODE key** power on = see machine internal count

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CALIBRATION:

Make sure that the Machine is in weighing mode
Keep Weight on the Pan/ platform (near 30% of m/c capacity.)
Press MR key and hold then press **MODE key**
Display Show **PASSWAD** (Enter)
If display show **READML** (Then check your weight)
Display show **00000** (feed above weight by **M+& MR** Keys)
Press **ENTER KEY** to complete calibration.

COUNTING FUNCTION :

Make sure that machine is in weighing mode
Keep some pieces on the pan/ platform
Display show you the weight
Press MR Key & M+ Key display show **COUNT**
Then press **TARE/ENTER key**
Display show **P. 00000**
Enter the number of pieces which kept on the pan (press Enter key)
Now machine working in counting mode.
For weight mode , press again **MODE key** .

MEMORY FUNCTION :

Press **M+ key** = display show total memory
Press   **MR key** = Memory recalling
Press   MR key release then press **MODE key** = memory clear

SETPOINTS:

This function use for check weighing
For check weighing MF =2
Press **MODE key** for SETP-1
Set value of first set point (Enter)
Press **MODE key** again for SETP-2
Set value of second set point (Enter)
Buzzer   will be give sound if weight in between above set points limits