

Operation manual for combi

●●● Thanks for purchasing the system ●●●

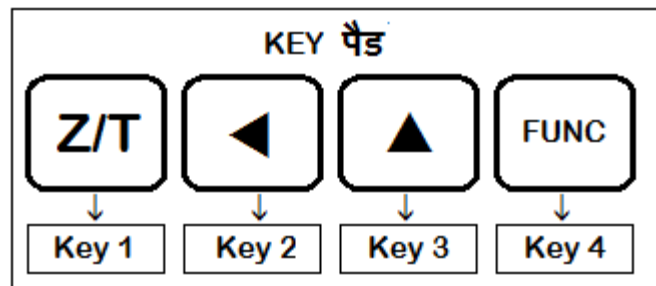
This is the best system for weighbridge. This system is made as per your requirement. There is lot of new feature in this system. We hope this system will fulfill all your requirements. (IND dig, IT MMC)



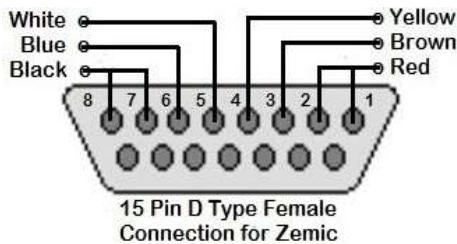
MODEL: CRF15



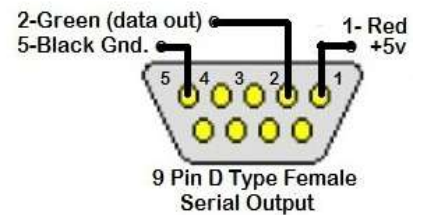
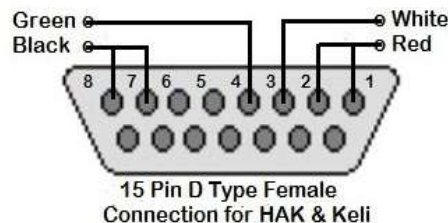
MODEL: CGF15



15 pin connector for load cell:-



9 pin connector for serial output:-



Connect loadcell on 15 pin D type connector on back of combi. Note (no connection from pin no 9 to 15)

You can take data from this connector (Either on computer, it card ,extra display)

- **Printer :-**Behind the system there is 25 pin D type connector for printer. You can connect any dot matrix printer with parallel port.(See setting for different type of printer in F10)
- **Key Board:-** You can connect any Key board with PS2 type connector.
- This system works on 220 volts AC. Low of High voltage can damage the system.

●Function of digital indicator:- ● Enter in parameter mode:-

| | |
|---------|--|
| | Press any key and switch on the machine. (Up to C MODE) |
| HELLO | Ind IA UEr -- C nODE Key छेड़ें. |
| C 0000 | By key2 and key3 enter password 2000. |
| C 2000 | Enter in parameter mode. Press KEY1 To Enter. |
| EntEr | Press KEY1 To Enter. |
| nA CAP | This is maximum capacity . Press KEY1 To Enter. |
| 060000 | Enter capacity. (For 60 Ton Enter 060000.) Up By KEY3 Shift By KEY2. Press KEY1 To Enter. |
| DEC 1 0 | This is for decimel point. For 0.000 = 3 and for 0.00 = 2. Press KEY1 To Enter. |
| rES 00 | Enter accuracy by key2 and key3. For 5Kg-05, For 10Kg-10, For 20Kg-20. Press KEY1 To Enter. |
| A-0 0 | This is for auto zero tracking. Set by Key3 and Enter by Key1. Will auto zero upto (Accuracy x A-0) value. |
| StAb 0 | For air locking. By increasing stability will increase but speed will decrease. Set By Key3. Press KEY1 To Enter. |
| CAL 1 0 | Decide for calibration. Set By Key3. For no calibration no corner keep 0, Only calibration no corner keep 1, For calibration and corner keep 2. Press KEY1 To Enter. |
| BAUD 0 | Set By Key3. (0-300, 1-1200, 2-2400, 3-4800, 4-9600) For Combi keep 1. Press KEY1 To Enter. |
| 232 0 | Set By Key3. (For serial output.) Press KEY1 To Enter. |
| 0 | Now machine is in normal mode. |


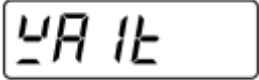
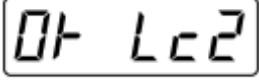
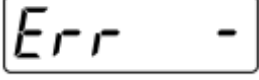
All Parameter up By KEY3 Shift By KEY2 And Enter by KEY1.

●Select load cell type (password is 1230) :



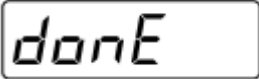
| | |
|--------|---|
| | Press any key and switch on the machine. (Up to C MODE) |
| HELLO | Ind IA UEr -- C nOde Release Key. |
| C 0000 | By key2 and key3 enter password 1230. |
| C 1230 | Press KEY1 To Enter. |
| TYPE 0 | By pressing key3 select load cell type. For Zemic - 0, For keli - 2, For HAK -1. Press KEY1 To Enter. |
| Err | Now the load cell type is selected. Restart the machine. |

●Set Load cell numbering (Password is 1000) :


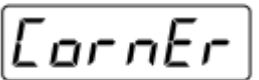

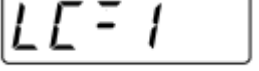
| | |
|---------|--|
| | Press any key and switch on the machine. (Up to C MODE) |
| HELLO | Ind IA UEr -- C nOde Release the key. |
| C 0000 | By key2 and key3 enter password 1000. |
| C 1000 | Press KEY1 To Enter. |
| HEL 1 | Display will show the loadcell type set by you. (Zemic, HAK or Keli). Press KEY1 To Enter. |
| ELc 0 | Press key3 and enter the total number of load cell attached. Press KEY1 To Enter. |
| Lc 5Et | Now the machine is ready to mark the loadcell. Press KEY1 To Enter. |
| Lc 1 | Connect first loadcell. Press KEY1 To Enter. |
| YR It | Wait and check the display. |
| Of Lc 1 | If OK Press key1 to enter.(in case of zemic it will show count and will proceed by pressing key4). Now remove load cell and mark it as loadcell 1. If display shows error then press key1 again check load cell connection |

| | |
|--|--|
| | and repeat from Lc 1 step. |
|  | Connect second load cell, Press KEY1 To Enter. |
|  | Wait for next step. |
|  | As mention above set and mark all the loadcell one by one. Press KEY1 To Enter. |
|  | Now all load cells are marked. Switch off the machine and attached all load cells to the junction box. |


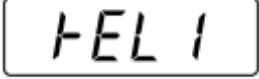
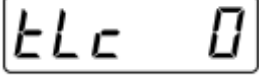
● **Calibration:** Start Machine and put weight. Machine will show weight. Press key4 long

| | |
|--|---|
|  | Press KEY1 To Enter. (If password is set then enter password by KEY3 and KEY2.) |
|  | Enter desired weight by pressing Key2 and Key3. Press KEY1 To Enter. |
|  | Now machine is in normal mode. |

● **Cornering:** Press any key and switch on the machine. (Up to C MODE)

| | |
|--|---|
|  | By key2 and key3 enter password 4000. |
|  | Press KEY1 To Enter. |
|  | Press KEY1 To Enter. |
|  | Press KEY1 To Enter. Increase weight of load cell one By Key3 (+) And Decrease By KEY2 (-). Press KEY1 and set all load cells one by one. |

● **Check load cell individually.**

| | |
|--|--|
| | Press any key and switch on the machine. (Up to C MODE) |
|  | By key2 and key3 enter password 1235. |
|  | Display will show the loadcell type set by you. (Zemic, HAK or Keli). Press KEY1 To Enter. |
|  | Will show the total number of load cell . After this press key1 and display will show the counts of each individual load cell. |

● On the back side of combi connect printer to 25 pin connector and keyboard to PS2 connector. ● use ↓↑ key for proceeding in menu. ● Use Enter key to enter the parameter ● For YES and NO use Y and No Key. ● For return press Esc.

●MMC IT FUNCTION MENU:

| | | | |
|----|---|----------|--------------------------|
| F1 | Operator setting | F7 | Main function setting |
| F2 | See old slip. | F8 | Combi Reset |
| F3 | Main Entry. | F9 | Check current sr no. |
| F4 | Print duplicate slip | SHIFT, P | Print code stored in f6. |
| F5 | Report print transaction ,party and material wise | F11 | Print Report by Sr.No. |
| F6 | Vehicle material party code and Mob no entry | F12 | Send data to pen drive |

●MMC IT फंक्शन :

| | | |
|------------------------------|--|--|
| Weight 0kg 05/06 13:24:25 | Press F7 and enter password PWD1SET. Press Enter. | |
| FIELD SETTING | Press Enter. And select parameter required in main slip by YES and NO. Press ↓ to proceed. | |
| COMPANY NAME | Press Enter. Write name which will show on LCD when switch on.(3 LINES 16+16+8). Press Esc to Back. | |
| CHANGE PASSWORD | If want to change password then press enter and change the passwords. | |
| | Changeable Passwords .Master- PWD1SET, Operator PWD1 & Report- PWOR. (Please remember changed passwords) | |
| SLIP DELETE Y/N | If Want Slip Delete Function Then Yes otherwise NO. Press ↓ to proceed. | |
| FINAL AUTODELETE | If Want Slip Delete After Final Then YES otherwise NO. Press ↓ to proceed. | |
| | If YES Then it will Delete slip after second weight and Sr No. Will be normal. | |
| Wt. SHOW OR NOT | If Want to show weight on ED Then YES otherwise NO. Press ↓ to proceed. This Setting is related with F1. | |
| CUR DATE PRINT | If want current date on duplicate slip Then YES Otherwise NO. Press ↓ to proceed. | |
| % DEDUCTION | If want % deduction from net weight in final slip Then YES otherwise NO. Press ↓ to proceed. | |
| DUMMY BILL Y/N | Want to print dummy Slip. Put YES Otherwise NO . Press ↓ to proceed. | |
| | If Dummy Bill is Yes then IT will ask for the number of dummy bill to be print. | |
| Weight 0kg 05/06 13:24:25 | This is Normal mode. | |

●मेन entry के लिए सेटिंग करें :

| | | |
|----------------------------------|--|--|
| Weight 0kg 05/06 13:24:25 | Press F1 and enter password PWD1. Press Enter. | |
| DATE TIME SETING | Press ↓ for next parameter or Press Enter to set date and time. Press ↓ | |
| PAPER SETTING | Press ↓ for next parameter or Press Enter and set 1 for Plain and 0 For Preprinted Paper. Press Enter. Press ↓ | |
| PRINTER SETTING | Press ↓ for next or Press Enter to select Printer Type By Pressing 1 to 4. Press Enter. Press ↓ | |
| SLIP TYPE SETING | Press ↓ for next or Press Enter to select Slip Type by pressing 1 to 8. If 9 then set slip as you require. (Procedure given separately at the end) Press Enter. Press ↓ | |
| ADDRES FEEDING | Press ↓ for next or Press Enter to feed address for plain slip. Address is AUTO CENTERING. | |
| | HEADDER FIRST And HEADDER SECOND - 40 Digit Each (16+16+8), HEADDER THIRD- 80 Digit Each (16X5), FOOTER FIRST And SECOND- 80 Digit Each (16X5). | |
| WEIGHT ON ED NOT SHOWN MORE THEN | Press ↓ for next or if Yes done in F7 then enter weight above which the ED will not show weight. Press ↓ | |
| BAUD RATE SETING | Press ↓ for next or Press Enter to set Baud Rate from 1-4 as required. For combi set 1200. | |
| SMS SETING | Press ↓ for next or Press Enter to set the sms setting from 1 -3. (1 NO SMS, 2 FINAL SLIP SMS, 3 BOTH SLIP SMS) | |
| DECIMAL POINT | IF DECIMEL POINT REQUIRED THEN SET 1=0.0, 2=0.00, 3=0.000 | |
| Weight 0kg 05/06 13:24:25 | This is Normal mode. | |

● **Slip entry mode:** Now combi is ready to work.

| | | |
|---------------------------------|---|--|
| | For first time vehicle weighment :Press Key1 to make display 0000. Take vehicle to platform and proceed as described below. | |
| BILL ENTRY MODE 1st/2nd/ ESC | Press F3. From here entry start. For first weighment press 1. | |
| Vehicle Number | Type Vehicle Number eg: (HR 99 B 1234) | |
| Veh. Type (A-Z) | Select Vehicle Type From A0-A5 to Z0-Z5. TOTAL 156 MEMORY. (See F6) can type manually by pressing enter | |
| Material (A-Z) | Select MATERIAL Type From A0-A5 to Z0-Z5. TOTAL 156 MEMORY. (See F6) can type manually by pressing enter | |
| Charges: /- | Enter charges. | |
| PARTY Ref (A-Z) | Select PARTY Type From A0-A5 to Z0-Z5. TOTAL 156 MEMORY. (See F6) can type manually by pressing enter | |
| TARE / GROSS ? | For Empty Vehicle Press T For TARE, And For GROSS Press G. (For Manual Tare Weight Entry Press M) | |
| WEIGHT Kg? | Here Display Will Show The Weight. Check The Weight And Press Enter | |
| SAVE BILL? Y/N | To Save The Slip Press Y , For Cancel The Slip Press N. | |

Print Slip By Pressing Y (Press Y Again For Double Slip Print). Press N For Exit.

● **पेंडिंग पर्ची की दूसरी Enter करें:**

| | | |
|----------------------------------|---|--|
| BILL ENTRY MODE 1st/ 2nd/ ESC | Press F3 For Second Weighment Press 2. | |
| Serial no. | Enter Serial No For Pending Slip. ## | |
| | Now Press Enter Again And Again And Confirm All Entry. At Last System Will Show Weight And Then Net Weight | |
| SAVE BILL ?Y/N | To Save The Slip Press Y , For Cancel The Slip Press N. (Note :- No Alteration Is Possible After Slip Saving) | |

Print Slip By Pressing Y (Press Y Again For Double Slip Print). Press N For Exit.

If serial no. not available then press enter on blank screen. It will ask for sr.no. from where you want to start searching. Enter the SR. No. and check the pending slip by pressing up and down key. Choose the right slip by pressing enter.

●OTHER FUNCTIONS:

| | |
|--------------------------------------|--|
| SERIAL No. | F2 (See old slip), Enter Serial No. And press Enter to see the entry. |
| SERIAL No. | F4 (Print duplicate slip), Enter Serial No. And press Enter. Confirm vehical No. and press Y to print and N to Exit |
| PRESS Esc-Exit | F11 Press 'R', Enter Password PWOR. Press Enter. (Get report serial No. wise), Eg. If want report from SerialNo. 15 to SerialNo. 25 Then. |
| Rep. SERIAL WISE START SERIAL No. | Enter Start sr. no. 15 And EndSr. No. 25 Press enter and get report. |
| PRESS Esc-Exit | F5 (Transaction, Party, Material) Type Report Press 'R', Enter Password PWOR. Press Enter |
| ReportPrinting Trans/Party/MATE | For Transaction Press 'T', For Party Press 'P' And For Material Press 'M' . Press Enter. |
| DATE DDMMYY | 'T' For Transaction. Type Start date,Enddate, and select F/D/P #, Press Enter. Report will print from date to date. |
| PARTY REF. | 'P' For party enter code or type party name and press Enter. |
| DATE DDMMYY | Type Start date,Enddate, and select F/D/P #, Press Enter. Report for the Party will print from date to date. |
| MATERIAL (A-Z) | 'M' For Material enter code or type Material name and press Enter. |
| DATE DDMMYY | Type Start date,Enddate, and select F/D/P #, Press Enter. Report for that Material will print from date to date. |
| Weight 0kg 05/06 13:24:25 | Press F6 and enter password PWD1. Press Enter. Store Vehical, Material and Party Name with Code. |
| Select(1, 2, 3, 4) | 1 For Vehical Type (With Charges), 2 For Material and 3 For Party [(A TO Z) 26 X 6 (0-5)= 156 Each], (Ex. A0, A1, A2... . . Z4 To Z5.) & 4 For SMS Store Mobile no. On (A,B,C,D) max 4 without Starting Zero |
| Current Ser. No. 000000 | F9 Press F9 to see current serial number. |
| PRESS Esc - EXIT | F12 F11 Press 'R', Enter Password PWOR. Press Enter. Type File Name Enter Start Sr No. And End Sr No. Select F/D/P and get data in pen drive. |
| Press | 'SHIFT' And P and Enter Password PWD1. Here you can print the code stored in F6. |

#F/D/P मतलब:

F-FULL (All Slips), D- DONE (Final Slips), P-PENDING (Pending Slips)

● **Problem And Troubleshoot :-**

| | |
|--|---|
| If combi not functioning properly (HANG) Then | You can reset the combi by pressing F8 |
| For memory wash | Press '1' and enter password PWD1. Follow the instructions on the screen and enjoy(note :- once you initialize the combi the data can not be recovered in any condition) |
| PRINTER ERROR | Check printer connections . |
| Indicator is not operating.. | 1. Check main lead and fuse. 2. Check on/off switch. |
| Weight not show on display | Check loadcell and load cell connection. Check connector |
| Difference in weight | Recalibrate the machine |
| Weight running | 1. check load cell wiring. 2. this can be due to moisture.place machine in direct sunlight for some time. |
| Weight not transferred to combi or computer . | 1. Check 232 parameter in Enter mode. 2. Check 9 pin connector and its connection. 3. Two led are there behind 9 pin socket in which one show glow and other should blink. If not so then change 232 IC. |

For any other type of complaint please contact your local dealer,

Or call on this phone number