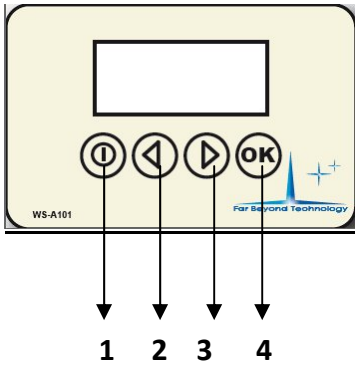
WS-A101/WS – A102 USER'S INSTRUCTIONS MANUAL



1) **Switch ON-OFF**
2) **Move Back**
3) **Move forward**
4) **OK (Accept)**

There are four buttons or commands on the Weight Control Digital Panel of the WS – A101 and WS – A102 for the configuration of every function and weights sent by the sensors installed on the loads carrier.

The first button (1) turns the Digital Control Panel ON and OFF.

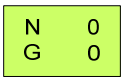
The two center buttons (2) and (3) are used to move back or move forward in the menu and to input load weight.

The Fourth button (4) (OK) is used to accept the required function.

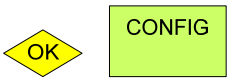
<u>Important:</u> Before initializing the following procedures, the Digital Control Panel must be connected to the power outlet in the vehicle.

How to use WS-A101/WS – A102.

1) CONFIGURATION



Press ON-OFF button. Letter **N** (net) and number **0** will appear on the top line of the display and letter **G** (gross) and a figure on the bottom line of the screen.



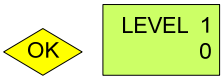
Press **OK** and hold for two seconds; **CONFIG** will appear on the screen. In the **Config.** Menu, the user has two options to move forward, either by pressing **OK** or the ► command.

<u>CONFIG OK</u> 

If user presses **OK,** the screen will show menu 

.Enter the number stamped on the sensor that is being configured at this time **(XXX).**

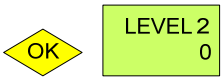
ADRESS 1 corresponds to **F1** and
F2.



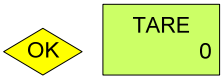
Press **OK**, and menu **LEVEL 1** will appear on the screen and it will show number 0 if the sensor is not connected or a number greater than 0 if it is connected, showing the level of the communication signal at that time.

Press **OK**, and **ADRESS 2** will appear in the screen. Proceed as in step Adress 1.

ADRESS 2 corresponds to **R 1** and **R 2**.

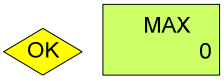


Press **OK** and **LEVEL 2** will appear in the screen, showing the corresponding communication signal level as in Level 1.



Press **OK** and **TARE** will appear on screen.

Using the ◄ ► commands, the value of the vehicle's tare must be entered. Press **OK** to confirm



Press **OK** and **MAX** will appear on screen. Using ◄ commands enter the maximum allowed weight for the vehicle. If, while in use, the load weight value exceeds the value entered previously, **OVERWEIGHT** will appear on the screen.

Press 

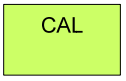
and program will go back 

menu, thus allowing reinitiating the process. To exit wait a few seconds or turn off the unit and turn it back on.

2) CALIBRATION

CONFIG 

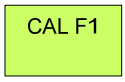
when you choose ► command press and hold.



Menu will appear on the screen, allowing to open calibration functions.

Press and hold ►, 

will appear on the screen, thus allowing to open all the calibration functions,

Press **OK** and the menu 

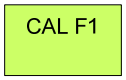
will appear on the screen.

By pressing **OK,** the user will be able to calibrate that sensor or, by pressing ►, move forward to the verification or calibration of the next sensor.

WS -A101/WS -A102 allows the configuration of two remote transmitters with one sensor AS1 each or two sensors AS2 each.

Press **OK** and **plus a numeric value** will appear on the screen. If **OK** is pressed when this value = 0, the vehicle's weight at that time, will be taken as OFFSET or 0 value.

Press 

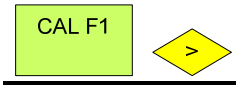
and system will go back to 

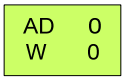
menu.

We can now re – enter and run de FACTOR calibration of the loaded vehicle.

To do this, the vehicle must be loaded with, at least, 75% of its nominal load.

Once the vehicle is loaded, go back to the **CAL F1** menu and proceed to enter the load value, according to the scale, using the ◄► buttons. Press **OK** to confirm. If the load is not enough or it is on a sensor other than the one being calibrated, the word **ERROR** will appear on the screen.



Press ►and 

will appear on the screen.

In the line **AD** the user will be able to see the value of the sensor being calibrated and in the line **W** the load weight corresponding to that sensor.

Proceed as in **CAL F1** for the rest of the menus.

Same as CAL F1.

Same as CAL F1.

Same as CAL F1.

NOTE: F1 First Front, F2 Second Front, 1R First Rear, 2R Second Rear. This reference depends on the configuration of the vehicle.

Only F1 and/orR1 will be calibrated, as needed, if sensors AS1 are being used,