

TAXiTRONiC

flexitron group

TX80 Urba / TX80 Urba One

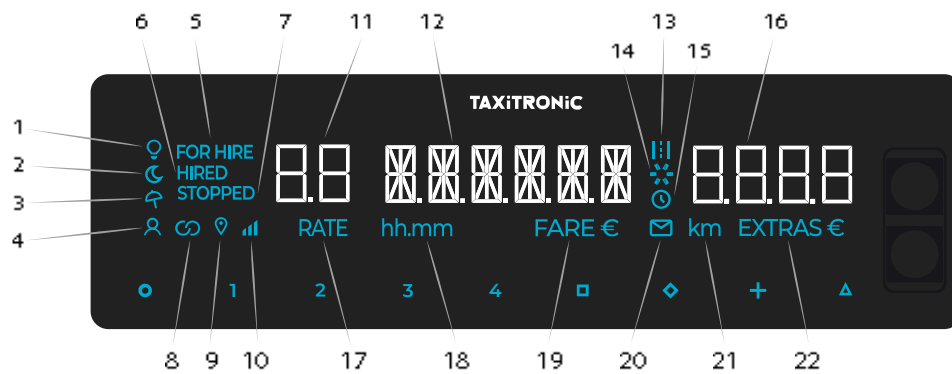
USER MANUAL



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1. CONTROL PANEL



- 1 Indicates the rooftop status
- 2 Indicates if it is a night rate
- 3 Indicates if it is a holiday rate
- 4 Indicates if a passenger is seated
- 5 Indicates the status of the taximeter (for hire status)
- 6 Indicates the status of the taximeter (hired status)
- 7 Indicates the status of the taximeter (stopped status)
- 8 Indicates if the taximeter is linked by Bluetooth with any app
- 9 Indicates if there is GPS signal
- 10 Indicates the mobile signal coverage
- 11 Displays the rate or the status
- 12 Displays the fare
- 13 Indicates if the tariff is counting by distance
- 14 Progress bar
- 15 Indicates if the tariff is counting by time
- 16 Displays the extras
- 17 Indicates that a rate is being displayed in the display 11
- 18 Indicates that a time is being displayed
- 19 Indicates that a fare is being displayed in the display 12
- 20 Indicates if there is a Prima message
- 21 Indicates that a distance is being displayed
- 22 Indicates that extras are being displayed in the display 16

Touch buttons

O ON / End trip / O→□ OFF

1...4 Rate to be applied / extras / Numerical code

□ Stopped

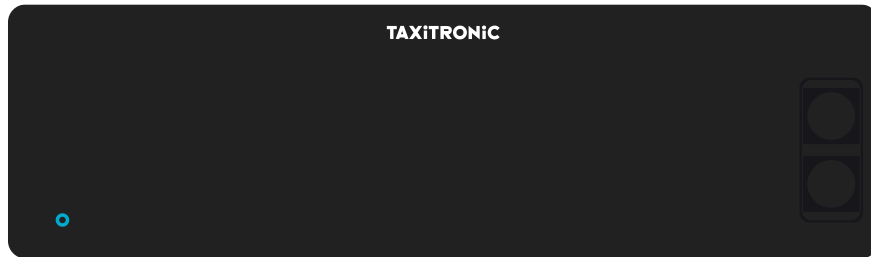
◇ Extras

+ Amount of the Fare and Extras / Ticket / Previous trip

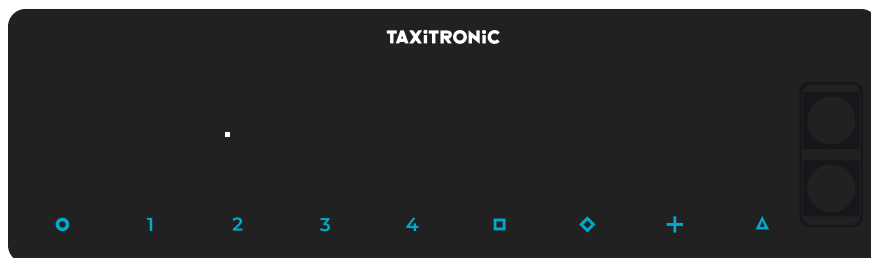
△ △→△→△ Special functions / △→1...4 Rate introduction 5...8 / △→△→1...4 Rate introduction 9...12 / △→◇ Cancellation of extras / △→+ Rooftop On/Off.

2. SWITCHING THE TAXIMETER ON.

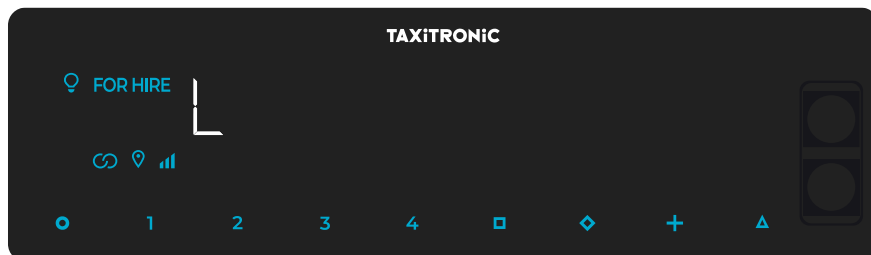
Taximeter OFF.



Press the **O** key to turn the Taximeter ON. If a password is required, the second point in the status display will blink, waiting for the introduction of the code.



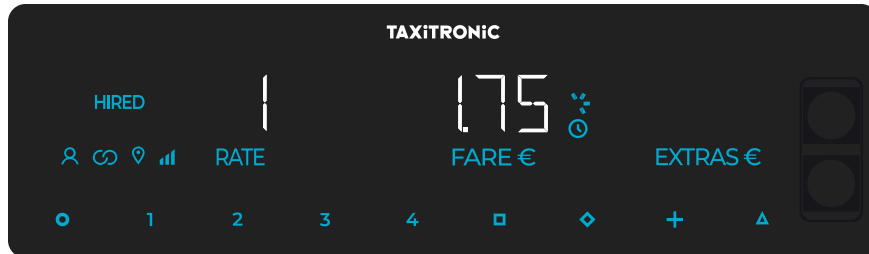
If no password is required, or once the correct code is entered, the taximeter goes to ON.



3. TRIP SEQUENCE

3.1. HIRED POSITION

Press **1** , **2** , **3** or **4** key to start the right tariff.

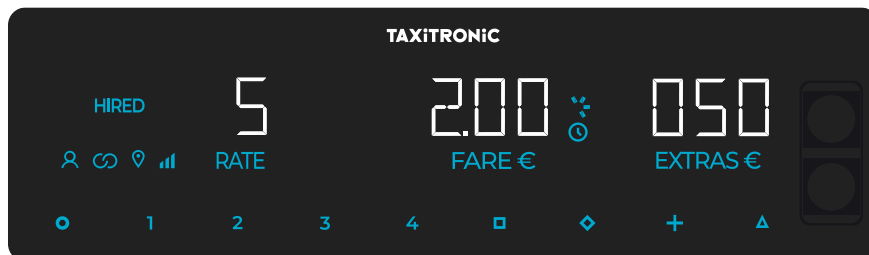


For tariffs **5**, **6**, **7** and **8**, first press the **Δ** key, and then press key **1** , **2** , **3** or **4** .

3.2. ADDING EXTRAS IN HIRED

By pressing **◇** key the text HIRED will start flashing.

Add the extras by pressing keys **1**, **2**, **3** or **4**. For extras **5**, **6**, **7** and **8**, first press the **Δ** key, and then press keys **1**, **2**, **3** or **4**.




To exit the extras sequence press key **◇** .

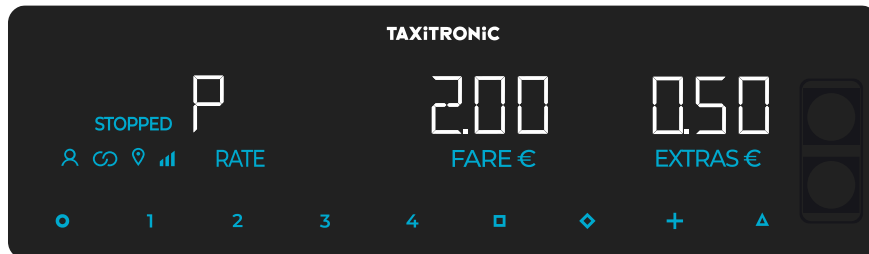
3.3. STOPPED POSITION


Press key **□** to go to the Stopped position

3.4. ENTERING EXTRAS IN STOPPED


By pressing  key the text STOPPED will start flashing.

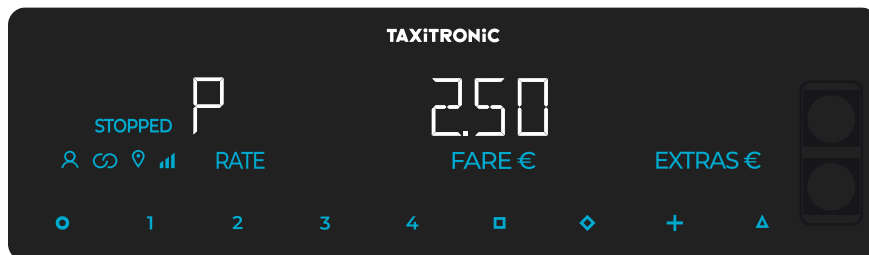
Add the extras by pressing keys **1, 2, 3** or **4**. For extras **5, 6, 7** and **8**, press the  key, and then press key **1, 2, 3** or **4**.





To exit the extras sequence press key .

3.5. ADDING THE EXTRAS TO THE FARE

Pressing  key adds the extras to the fare amount for 5 seconds. After this time, this amount will break down again into fare and extras.



3.6. CANCELLATION OF MANUAL EXTRAS

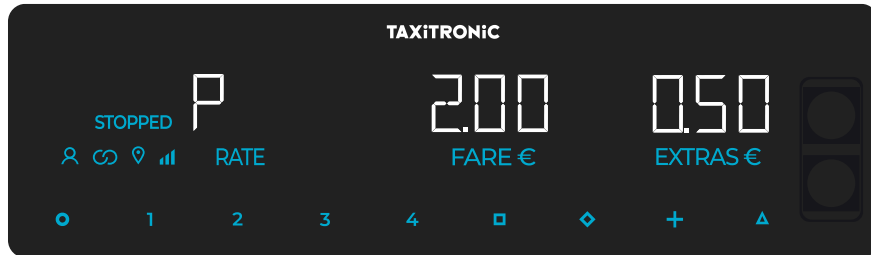
Press the  key, and then press the  key. The manual Extras will be erased. It is possible to add Extras again if necessary. This function is optional, and may not be available to all markets.

3.7. END TRIP

By pressing **O** key . The status will start to blink for some seconds, until the taximeter switches to FOR HIRE.

3.8. PRINT A TICKET

By pressing **+** while the status indication is blinking, the trip receipt will be printed. Copies of the receipt can be printed by pressing **+** key again.



Press **O** to go back to FOR HIRE.

3.9. GOING BACK TO FOR HIRE

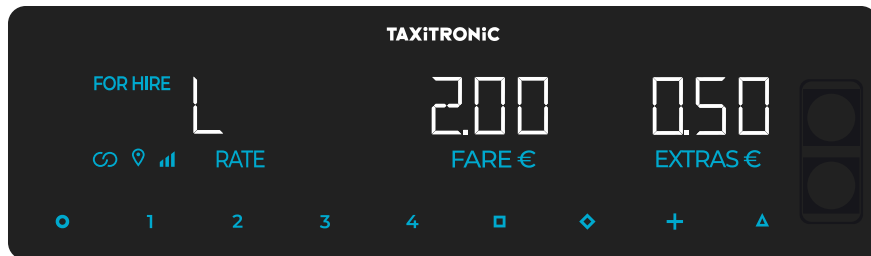
The taximeter will go back to FOR HIRE automatically after a few seconds.

4. DISPLAY LAST TRIP DATA

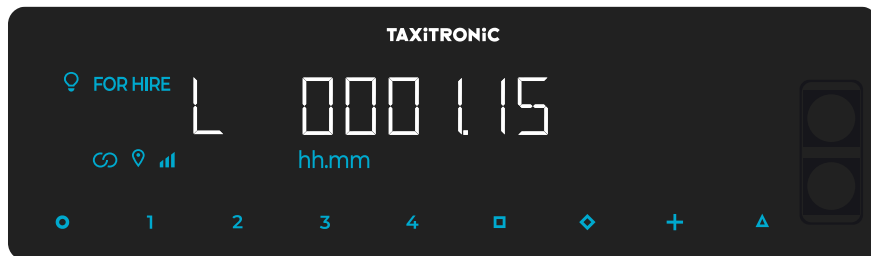
Only works when the car is stopped.

While in FOR HIRE, press the **+** key. The taximeter will show the following data successively:

- The Fare amount and Extras



- The duration of the trip: Hours and minutes.



- The trip distance in kilometers.




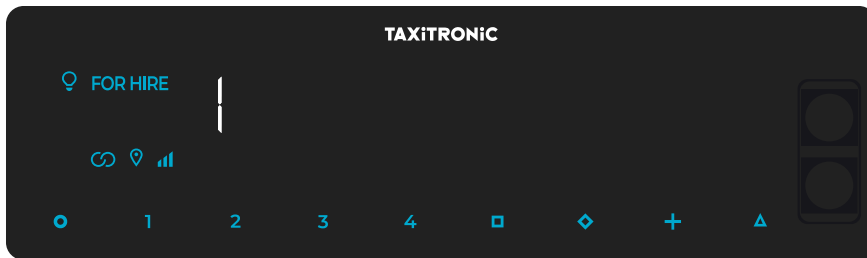
Press the **+** key to print the receipt of the last trip.

5. TOTALIZERS SEQUENCE


Only works when the car is stopped.

5.1. ACCUMULATIVE TOTALIZERS


By pressing  key the first totalizer is shown.



Press **+** key to print the totalizers.


By pressing again  key the next figures of the total will be displayed. The totalizers sequence can be aborted at any moment by pressing the **O** key.



After few seconds, if the  key is not pressed, it switches to the next total, following the next list.


- 1 Nr. of trips
- 2 Fare amount
- 3 Extras amount
- 4 Total amount
- 5 Total distance (km)
- 6 Distance in Hired (km)
- 7 Distance in For Hire (km)
- 8 Distance in OFF
- 9 Time in hired (hours)
- A Time in ON (hours)
- B Nr. of daily totalizers cancellations

5.2. DAILY TOTALIZERS

After the accumulated totalizers, the daily totalizers are showed by continuing pressing the  key according to the next list.





Press **+** key to print the totalizers.

By pressing again  key the next figures of the total will be displayed. The totalizers sequence can be aborted at any moment by pressing the key **O**.

- 1. Nr. of trips
- 2. Fare amount
- 3. Extras amount
- 4. Total amount
- 5. Total distance (km)
- 6. Distance in Hired (km)
- 7. Distance in For Hire (km)
- 8. Distance in OFF
- 9. Time in hired (hours)
- A. Time in ON (hours)

5.3. CLEARING DAILY TOTALS

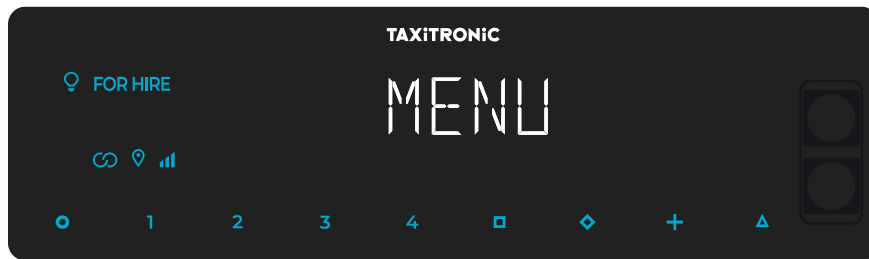
While the totalizer is showed, press  key.

Enter the password with the **1**, **2**, **3** and **4** keys to change each of the four positions, and press the  key to confirm. Key 1 increases the thousands, key 2 increases the hundreds, key 3 increases the tens and key 4 increases the units. If the code is correct, it will sound two short “beeps”. Otherwise, it will sound a loud long “beep”.

Once the totals cancellation is done, the taximeter will go back to FOR HIRE.

6. FOR HIRE MENU

In FOR HIRE, by pressing the **O** key you access to the FOR HIRE MENU.

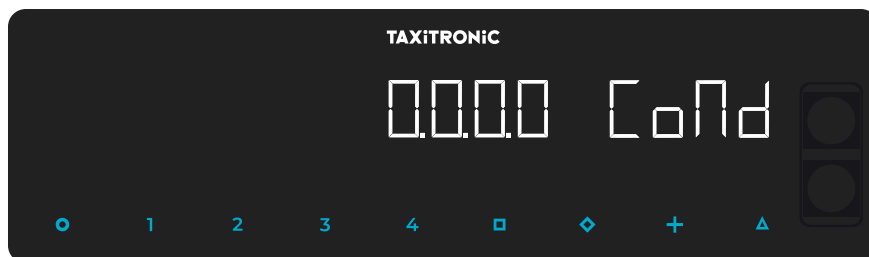


6.1. TURN OFF

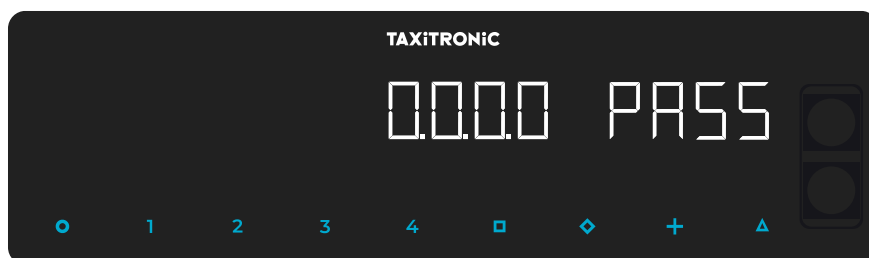
If shift control is not enabled, press **□** key to turn off the taximeter. To turn it back on, press the **O** key.

6.2. SHIFT OPENING

Press the **□** key to put the taximeter in closed shift, then press the **O** key to open shift.



Enter the Driver number changing the numbers using the **1, 2, 3** and **4** keys. Press the **□** key.



Enter the Password number changing the numbers using the **1, 2, 3** and **4** keys. Press the **□** key.

If it is not a valid user/password pair, shift opening is rejected and the taximeter will return to closed shift.


To close shift, press the **O** key and then the **□** key.

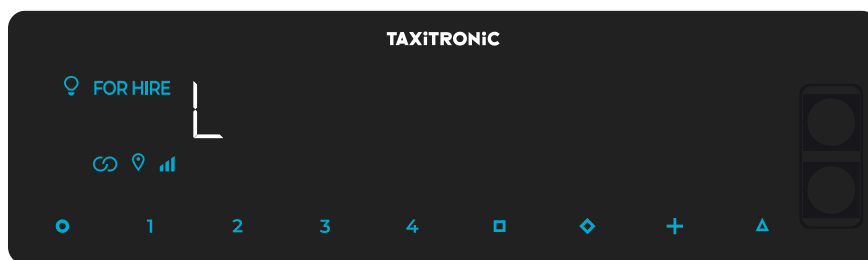
6.2.1. TURN OFF

If there is no interaction with the taximeter in the closed shift state, it turns OFF after a few seconds. It turns to shift closed again pressing the **O** key, or when the vehicle starts to move.

7. ANCILLARY FUNCTIONS IN FOR HIRE

7.1. ROOFLIGHT ON/OFF

By pressing **▲** key and then **+** key the rooflight will toggle between ON and OFF. When the rooflight is switched the  icon will appear near the FOR HIRE.



7.2. SETTINGS SEQUENCE

Only available when the car is stopped.

By pressing **▲** key twice, the different settings options are shown.

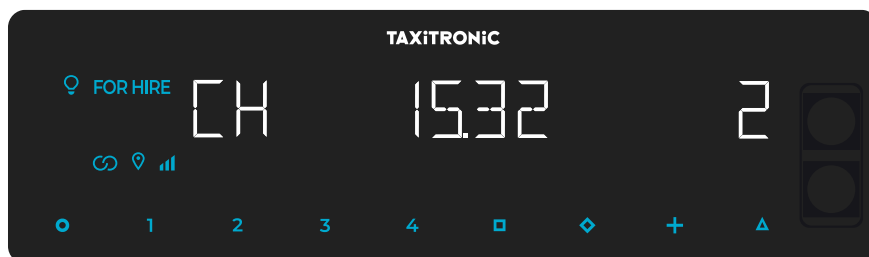
By pressing **+** key the printer makes a page feed.

7.2.1. DATE AND TIME VISUALIZATION

The display of date and time is the first option shown.

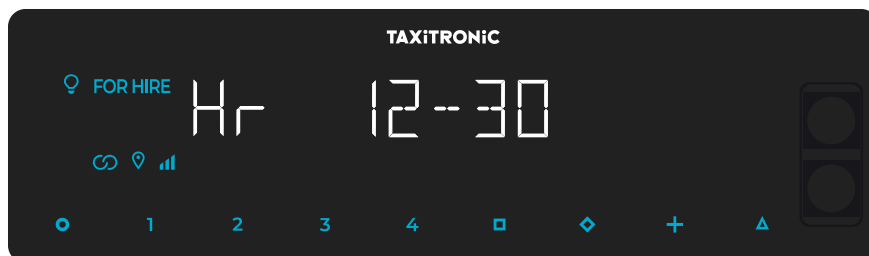


By pressing key if shift control enabled, the remaining time and the available breaks will appear. If the shift control is not enabled, it will directly show the time.



By pressing key it switches to FOR HIRE.

By pressing key again or after few seconds the time is displayed.



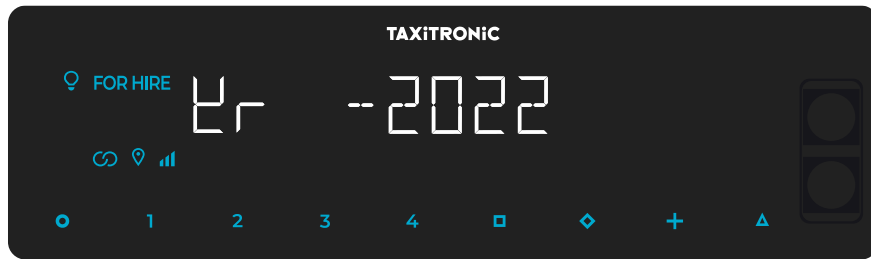
By pressing key it switches to FOR HIRE.

By pressing key again or after few seconds the date is displayed.



By pressing key it switches to FOR HIRE.

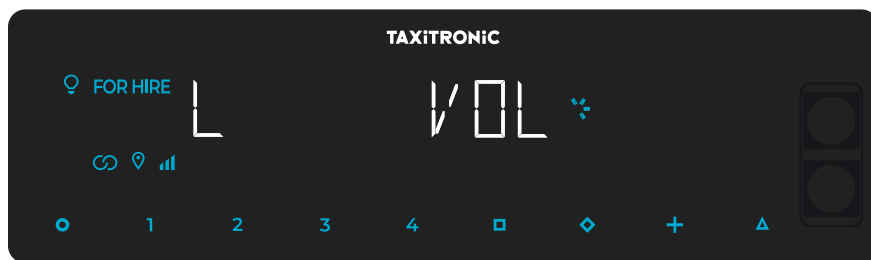
By pressing key again or after few seconds the year is displayed.



By pressing **O** key or after few seconds it switches to FOR HIRE.

7.2.2. VOLUME

By pressing **Δ** key after light setting.



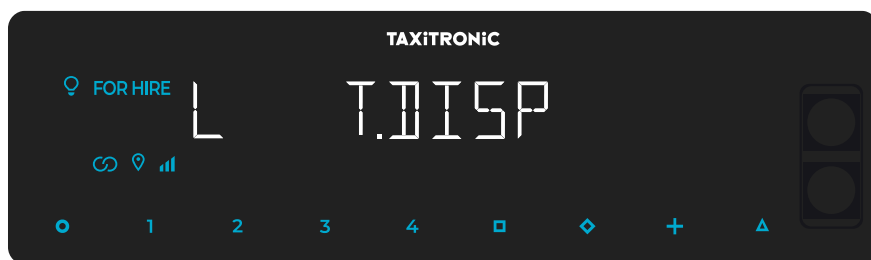
By pressing **□** key to set the volume of the beep. The circular indicator shows the selected intensity.

By pressing **+** changes the beep mode.

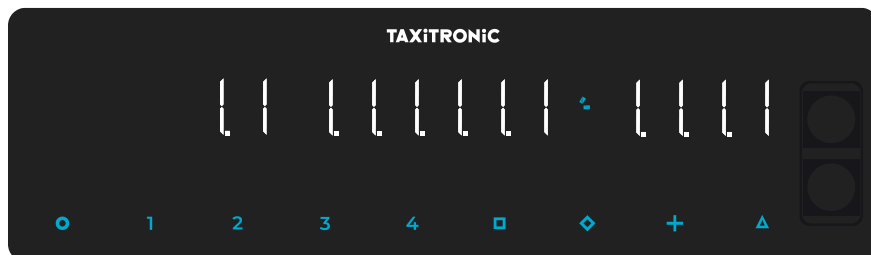
By pressing **O** key it switches to FOR HIRE.

7.2.3. TEST SEQUENCE

By pressing **Δ** key after volume setting.



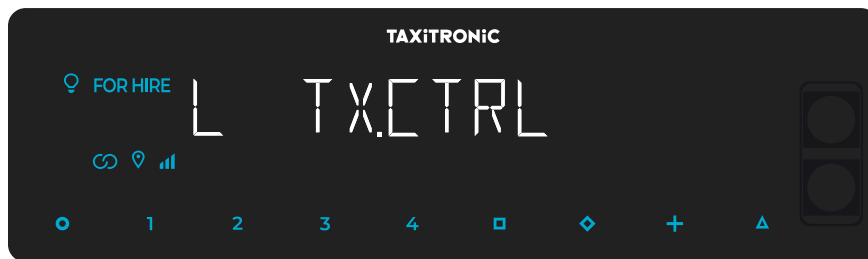
Press key **□** to display the test sequence. (0,1, ...,9).



By pressing **O** key or after few seconds it switches to FOR HIRE.

7.2.4. TAXIMETER CONTROL BLOCKS VISUALIZATION

By pressing **▲** key after test sequence.



By pressing **○** key or after few seconds it switches to FOR HIRE.

7.2.4.1. BLOCK 1 VISUALIZATION

C.1 Displays the current K Constant.



Press **□** key for going to the next visualization or it goes automatically after few seconds:

- C.1 Current "K" constant
- C.2 Tariff serial number
- C.3 Tariff recording date (Y.MM.DD)
- C.4 Agent's code
- C.5 Tariff checksum
- C.6 Ticket identification control number.
- C.7 Pre-change tariff activation date
- C.8 Pre-change tariff checksum.
- C.9 Nr. of constant «K» changes
- C.A Nr. of tariff changes
- C.b Firmware TX80 Software Checksum

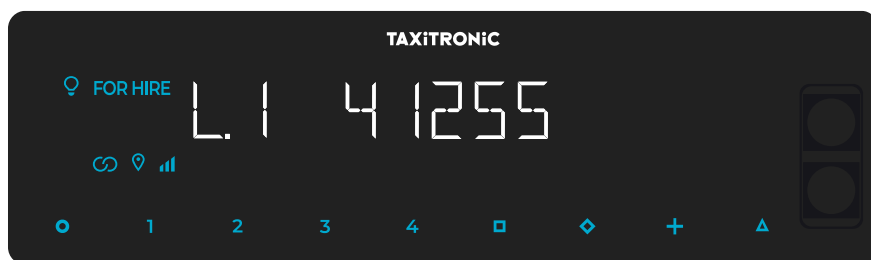
In case the shift control is set:

- C.C Shift duration on weekdays
- C.d Shift duration on weekends and holidays
- C.E Remaining time of the current shift

Press **+** key to print the control blocks.

BLOCK 2 VISUALIZATION

L.1 Car License number.



Press **□** key to go to the next visualization. The data displayed in block 2 are the following:

- L.1 Car License number
- L.2 Board serial number
- L.3 Manufacturing date (YYMMDD).
- L.6 Program version

Press **+** key to print the control blocks.

7.2.4.2. BLOCK 3 VISUALIZATION


I.1 State led tariff 1 indication



Press  key for going to the next visualization or it goes automatically after few seconds.

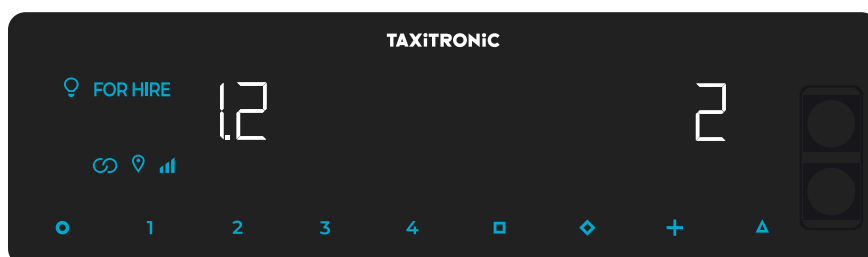
The data displayed in the block 3 are the following:

- I.1 State led tariff indication
- b.1 Flag drop
- M.1 Meters first drop
- S.1 Seconds first drop
- d.1 Price per km
- H.1 Price per hour
- P.1 Price per km in stopped position
- E.1 Extras amount assigned to these tariff

Press  key to print the control blocks.

In case of more tariffs, the same data of block 3 is shown below for each of the remaining tariffs, that is:

I.2 State led tariff 2 indication



Once the blocks visualization is finished, parameters of the versions are shown.



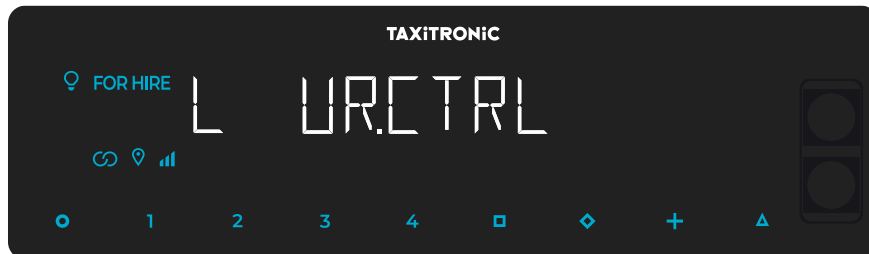
- Pr Date of taximeter update
 - Update date (DD/MM/YY) and metrological version of the TX80
 - Metrological Checksum
 - User who updated the version
- tF History of TX80 Tariff update
 - Update date (DD/MM/YY) and tariff code (last 4 digits)
 - Tariff checksum
 - User who saved the tariff
- C History of TX80 constant K update
 - Update date (DD/MM/YY)
 - Constant set
 - User who saved the constant
- F History of power failures
 - F1 Date and time of the power failure.
 - F2 Date and time of recovery following the power failure.

Once the blocks visualization is finished, the taximeter goes to for hire automatically.

The sequence can be aborted at any time by pressing the **O** key.

7.2.5. URBA CONTROL BLOCKS VISUALIZATION

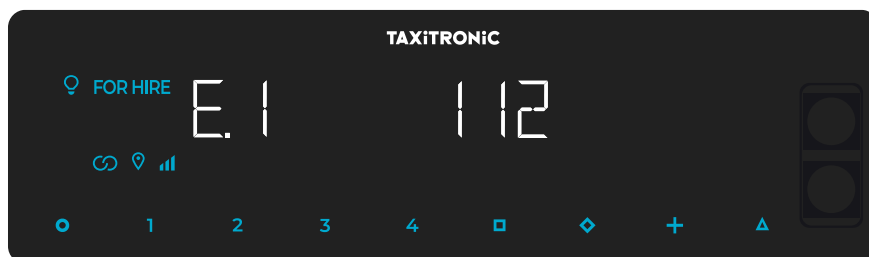
By pressing **▲** key after taximeter control blocks visualization.



By pressing **○** key or after few seconds it switches to FOR HIRE.

7.2.5.1. BLOCKS VISUALIZATION

E.1 Serial number.



Press **□** key to go to the next visualization, or automatically after few seconds:

- E.1 Urba serial number
- E.2 Hardware version
- E.3 Metrological version
- E.4 Metrological checksum
- E.5 Non metrological version
- E.6 Shift control Checksum
- Pr Updating date and Urba version
- Pr User who updated the urba and checksum

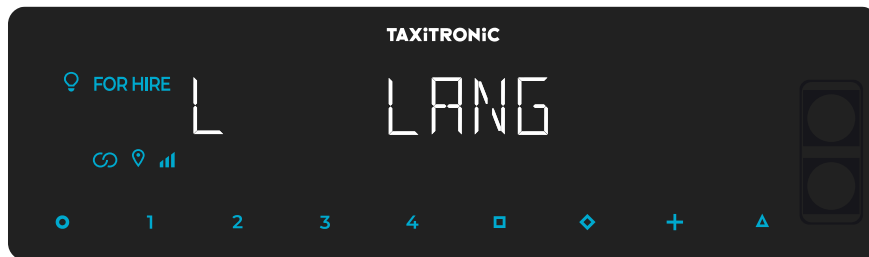
Press **+** key to print the control blocks.

Once the blocks visualization is completed, the taximeter goes to for hire automatically.

The sequence can be aborted at any time by pressing the key **○**.

7.2.6. LANGUAGE SETTINGS

By pressing **▲** key after Urba control blocks visualization.

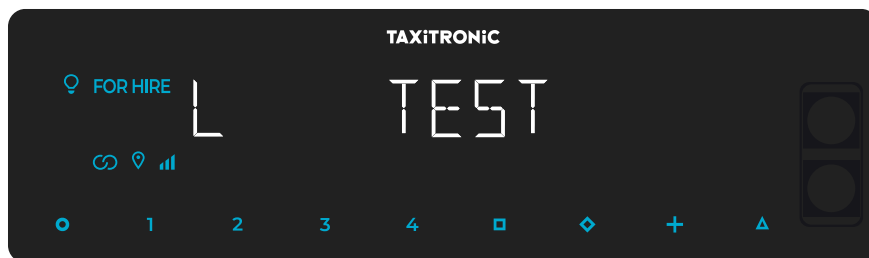


By pressing **○** key or after few seconds it switches to FOR HIRE.

By pressing **□** key to select the language.

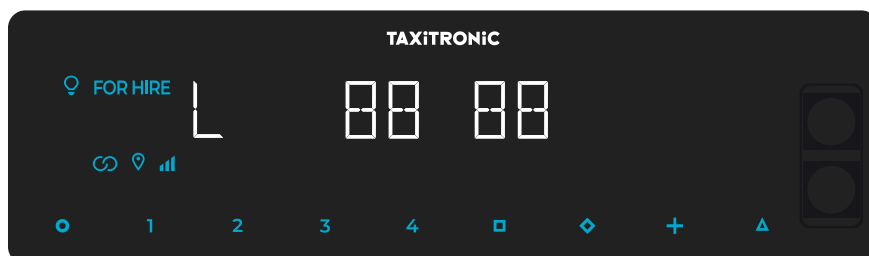
7.2.7. EXTERNAL ROOFLIGHT TEST

By pressing **▲** key after language settings visualization.



By pressing **○** key or **▲**, or after few seconds it switches to FOR HIRE.

By pressing the **□** key, it is shown whether the bulb lights work right or not showing an 8 at the right bulbs and a white space at bulbs which work wrong. For example:



In this case, the bulb lights that are working ok are the 1,2,4 and 5. The bulb light number 3 is not working.

8. ERROR MESSAGES

The possible error messages that may appear on the display are listed below.

- **E-2** Roof lights failure: The roof lights are not correctly connected or some of its bulb lights doesn't work. This error is shown if it is enabled in the tariff.
- **E-5** The taximeter is out of the configured revision period: This message is shown when the taximeter is out of the configured revision period. It is resolved by setting a new stop date or disabling it.
- **E-6** Excess speeding. This error is shown if it is enabled in the tariff.
- **E-7** Working time max exceeded: This error is shown when the hours of the shift have finished. The error automatically disappears when you restart the day.
- **E-8** Error in the tariff parameters: The taximeter has not the tariff loaded, or the tariff loaded is wrong. The error is solved by charging tariff.
- **E-10** Printer failure: The printer is not working, is incorrectly connected or has no paper. This error is shown if it is enabled in the tariff.
- **E-11** Serial number error: This error is displayed if the serial numbers are not linked. The error is solved by charging tariff.
- **E-12** RAM memory loss: This error is displayed if the device has a depleted battery or there is a malfunction. The error is solved by replacing the internal battery of the equipment.
- **E-NS** Error emparejamiento de número de serie: Este error se muestra cuando un TX80 se conecta a un dispositivo, el cual, no está emparejado con este. Este emparejamiento se realiza al cargar tarifa.
- **E-A** Anti Zapper error: A distance pulse error detected. This error is shown if it is enabled in the tariff. The error is solved by charging tariff.
- **B-A1** Anti-Zapper lockout: This lockout occurs when several pulse detection errors have occurred within a certain period of time. To exit this lockout, the pulses generation must be stopped (stop the car) and the key must be removed from the ignition.
- **B-A2** Anti-Zapper lockout: this lockout occurs when several lockouts have taken place within a certain period. To resolve this lockout, the installation must be checked and the tariff have to be loaded again at the workshop.
- **E-TX80** The TX80 is not responding or there is a system fault. The installation and the configuration of the TX80 must be checked at the workshop.
- **E-ODOM** There is an error in the distance reading on the TX80. The totalizers need to be reset at the workshop.
- **E-TIME** The date and time on the TX80 are incorrect. The date and time on the device need to be adjusted at the workshop.
- **E-BOOT** The TX80 is not starting up properly. The software needs to be reprogrammed at the workshop.
- **E-VER** The TX80 version is not compatible with the display version. The software needs to be reprogrammed at the workshop.

- **E-BG96** The version of the GSM/LTE module is not compatible with the Prime version. Contact TAXITRONIC's after-sales service to have it updated.
- **E-TOT** The totalizers have been lost. The totalizers must be reset at the workshop.
- **E-ID** Prime ID error. Contact TAXITRONIC's after-sales service.
- **E-APN** The configuration for the Prime service is incorrect. The correct configuration needs to be set at the workshop.
- **E1-TSE** The TSE plate is not responding. The TSE installation must be checked by workshop.
- **E2-TSE** The TSE card is responding, but it is sending incorrect messages. The taximeter needs to be reset.
- **E3-TSE** CAN communication error. Contact TAXITRONIC's after-sales service.
- **E4-TSE** The TSE plate is in bootloader mode. The TSE firmware needs to be updated at the workshop.
- **E5-TSE** The TSE plate contains the verification software. To resolve this, a production program must be loaded in the workshop.
- **E-GSM** When you register with Prime, you won't have coverage. Wait until the device has signal move to an area with a better signal or check that the device is linked to a vehicle on the Prime website.