

# ***FOR HIRE-STOPPED-HIRED***

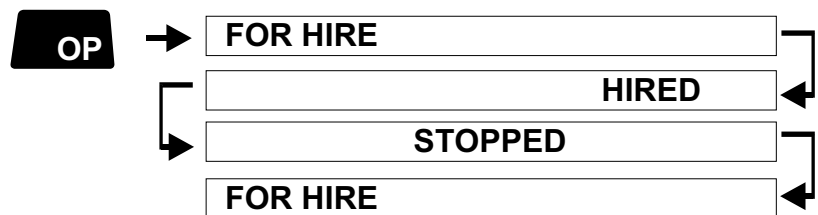
## ***THE OPERATIVE MODE***

The taximeter works with 3 working modes: **FOR HIRE** **STOPPED** **HIRED**

In any of these modes it is possible to have different functions activated by pressing one of the 5 taximeter's buttons: **OP** - **K1** - **K2** - **K3** - **K4** .



In **FOR HIRE** position the follow sequence can obtained by pressing the **OP** button:



### ***FOR HIRE - STOPPED - HIRED and the relative buttons functions***

#### **FOR HIRE**

It's the position selected by the Taxi Driver when the vehicle is parked or it moves without any passenger on board.

- The big display is turned off
- The small one shows the clock.

- ➔ **OP** **FOR HIRE**
- ➔ **K1** Crono Start ➔ **K1** Crono Stop
- ➔ **K2** Shows the clock in the right display
- ➔ **K3** Shows the date in the main display (Day - Month)
- ➔ **K4** Shows the year in the main display

#### **HIRED**

Once the taxi starts the trip, the Taxi Driver selects the Hired position by pressing **OP** button. The "Taxi" roof sign turns off and the taximeter starts the fare calculation by distance or time.

- The big display shows the tariff value
- The small one shows: in the left digit the tariff number, in the right ones the clock.

- ➔ **OP** **HIRED**
- ➔ **K1** Change the tariff (if enabled).  
The current tariff is shown in the left digit of the right display
- ➔ **K2** Insert the Extra n° 1 (if enabled)
- ➔ **K3** Insert the Extra n° 2 (if enabled)
- ➔ **K4** Reset the added Extras

#### **STOPPED**

At the end of the trip, the Taxi Driver has to select the Stopped position to calculate the final fare. He does it by pressing the **OP** button. The waiting time is thus blocked.

- The big display shows the final fare
- The small one shows the total extras

- ➔ **OP** **STOPPED**
- ➔ **K2** Insert the Extra n° 3 (if enabled).
- ➔ **K3** Insert the Extra n° 4 (if enabled)
- ➔ **K4** Adds the Extras to the fare
- ➔ **K4** Splits the final fare
  - The big display shows the normal fare
  - The small one shows the total extras.

# Time and Date setting

## HOW TO SET THE TAXIMETER'S TIME AND DATE

Select **For Hire** position.  
Press **K1** and **K3** at the same time.  
The big display will show "Time" for a few seconds.



Now the signs "**FOR HIRE**" and "**STOPPED**" starts blinking.  
The big display shows in the left digits the day number and in right digits the month.  
The small display shows: to the left the hours and to the right the minutes.



To set the **Day** number press **K1** button.



To set the **Month** number press **K2** button.



To set the **Hour** press **K3** button.



To set the **Minutes** press **K4** button.



Press **OP** button to enter in the **Year** programming.



To decrease the **Year** number press **K1** button.



To increase the **Year** number press **K2** button.



Press **K3** button to set the taximeter manufacturing year.



Press **OP** button to end the programming procedure and go back to **For Hire** position.



# *Statistical Memory*

## *How to Read the Locations Memory Content*

The taximeter records and keeps data in 2 Memory Blocks, each one divided in 45 locations.

The **Block 1** allows to read, print or erase its information whenever desired.

The **Block 2** allows to read and print its content but not to erase it.

The Block 1 is useful to control and analyse the working shift data.

The Block 2 for its nature is cumulative and not erasable.

## HOW TO READ THE MEMORY BLOCKS INFORMATION

Select **For Hire** position.  
Press **K1** and **K2** at the same time.  
The big display will show "Stat" for a few seconds.

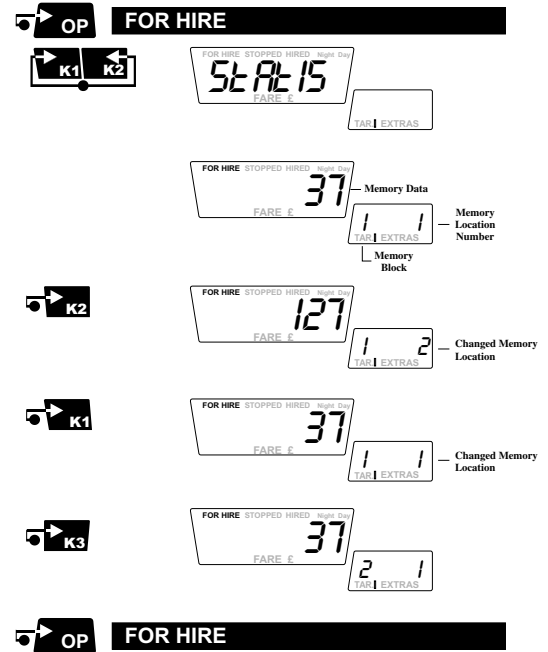
Now the sign "FOR HIRE" starts blinking.  
The extras display will show: in the left digit the block .  
and in the right digit the number of block location (1-45).  
The fare display will show in the right digits the selected location data value.

To increase the location number press **K2** button.  
To decrease the location number press **K1** button.  
Press **K3** button to toggle between **Block 1** and **Block 2**.

*P.S. From location n.1 a further K1 depression will go back to to For Hire mode.*

*The same would happen from location n.45 with a K2 button depression.*

Press **OP** button to end the reading procedure and go back to **For Hire** position.



## Locations Content

Loc.	Block n. 1	Block n. 2	Loc.	Block n. 1	Block n. 2
1)	Trips total number	idem	24)	Total tariff 1 units	idem
2)	Taximeter units total number	idem	25)	Total tariff 2 units	idem
3)	Total Kilometers	idem	26)	Total tariff 3 units	idem
4)	Total Kilometers in For Hire	idem	27)	Total tariff 4 units	idem
5)	Total Kilometers in Hired	idem	28)	Total tariff 5 units	idem
6)	Km in For Hire with passenger on board	idem	29)	Total tariff 6 units	idem
7)	Km in Over speed	idem	30)	Total units from 7th to 64th tariff	idem
8)	Collected Total (Fare+Extras+Tax)	idem	31)	Total Kilometers in tariff 1	idem
9)	Collected by Credit Card Total	idem/100	32)	Total Kilometers in tariff 2	idem
10)	Fare Total Amount (excluded Extras+Tax)	idem/100	33)	Total Kilometers in tariff 3	idem
11)	Extras Total Amount	idem/100	34)	Total Kilometers in tariff 4	idem
12)	Tax Total Amount	idem/100	35)	Total Kilometers in tariff 5	idem
13)	Run time in For Hire	idem	36)	Total Kilometers in tariff 6	idem
14)	Run time in Hired and Stopped	idem	37)	Total Kilometers from 7th to 64th	idem
15)	Waiting time in Hired	idem	38)	Not used	
16)	Meter on total time	idem	39)	Not used	
17)	Total Tariff 1 collection	idem	40)	Not used	
18)	Total Tariff 2 collection	idem	41)	Not used	
19)	Total Tariff 3 collection	idem	42)	Not used	
20)	Total Tariff 4 collection	idem	43)	Not used	
21)	Total Tariff 5 collection	idem	44)	Not used	
22)	Total Tariff 6 collection	idem	45)	Not used	
23)	Total collections from 7th to 64th	idem			

# Statistical Memory

## How to Print Locations Memory Content

The taximeter records and keeps data in 2 **Memory Blocks**, each one divided in **45 locations**.  
The content of both **Block1** and **Block 2** can be printed out.

### HOW TO PRINT THE BLOCKS MEMORY INFORMATION

Select **For Hire** position.



Press **K1** and **K2** at the same time to enter in the "Statistical Reading" mode.  
The big display will show "Statis" for a few seconds.



Now the sign "FOR HIRE" starts blinking.  
Reach the memory location n. 5 by pressing **K2** button.



Reaching **location n. 5**, press **K4** button to print out the contents of both **Block 1** and **Block 2**.  
**For Hire** sign stops blinking and the printer will start.



Press **OP** button to end the printing procedure and go back to **For Hire** position.



### Print Out Locations List

Loc.	Block	Memory Content
1	1	Over Speed Report
2	1	"Trip by Trip" report of all Events Stored
3	1	"Trip by Trip" report starting from the Last Printed Events (This option works only if the "Trip by Trip" memory is printed all ways in index n. 3)
4	1	No Action
5	1	Statistical Memories - Blocks 1-2
6	1	No Action
7	1	No Action
8	1	No Action
9	1	Statistical Memories - Blocks 1-2
10	1	No Action
11	1	No Action
12 to 17	1	Statistical Memories - Blocks 1-2
21 to 45	1	Statistical Memories - Blocks 1-2

### Example: How to print out the Over Speed Report

Select **For Hire** position.



Press **K1** and **K2** at the same time to enter in the "Statistical Reading" mode.  
The big display will show "Statis" for a few seconds.



Now the sign "FOR HIRE" starts blinking.  
The small display shows in the right digits the location n. 1 (relative to the **Over Speed** memory location) and in its left digits the Block number.



Press **K4** button to print out the **Over Speed** events.  
**For Hire** sign stops blinking and the printer will start.



Press **OP** button to end the printing procedure and go back to **For Hire** position.



# *Statistical Memory*

## *How to Erase the Locations Memory Content*

*The taximeter records and keeps data in 2 Memory Blocks, each one divided in 45 locations. The content of both **Block1** and **Block 2** can be erased (if allowed by the setup).*

### ERASING PROCEDURE

Select **For Hire** position.



- 1) Press **K1** and **K2** at the same time to enter in the "Statistical Reading" mode. The big display will show "Stat" for a few seconds. Now the sign "FOR HIRE" starts blinking.



#### How to erase Block 2 (if allowed by setup)

Reach the memory location n. 18 by pressing **K2** button.



Reaching location n. 18, insert the Black Programming Key and press **K4** button to erase all information contained in **Block 2**. For Hire sign stops blinking for few seconds.



#### How to erase the Block 1 (if allowed by setup)

Reach the memory location n. 19 by pressing **K2** button.



- 2) Reaching location n. 19, press **K4** button to erase all information contained in **Block 1**. For Hire sign stops blinking for few seconds.



#### How to erase both Block 1 and Block 2 (if allowed by setup)

Reach the memory location n. 20 by pressing **K2** button.



Reaching location n. 20, press **K4** button to erase all information contained in both **Blocks 1** and **2**. For Hire sign stops blinking for few seconds.



*P.S. If the printer is ON at the moment that the Erase operation is performed by pressing **K4** button, all the locations content of **Block 1** and **Block 2** would be printed before being erased.*

- 3) Press **OP** button to end the erasing procedure and go back to **For Hire** position.



### Advanced Functions enabled by the Black Programming Key

Loc.	Block	Memory Content
4	1	Erase all the "Trip by Trip" Memories (wait a few seconds to complete)
6	1	Reset the Ticket Number
7	1	Reset and Load the Factory Ticket Header
8	1	Reset and Load the Factory Prog. Date
10	1	Reset and Load the Factory Tariff
17	2	Total Reset and Load all the Factory Parameters
18	1	Erase Memory Block 2 (even if not allowed by setup)
19	1	Erase Memory Block 1 (even if not allowed by setup)
20	1	Erase Memory Blocks 1-2 (even if not allowed by setup)

# “Trip by Trip”

## Events Memory Buffer

The “Trip by Trip” is a long memory buffer where the taximeter store the events informations (trips, shifts, etc.). It can be able to record and store, depending the buffer version, till 9000 events. It’s a F.I.F.O. Memory kind (First in - First out): the last event recorded that exceed the memory events number take the place of the first recorded event. It can be possible to print out all the events or print events starting from the last print out.

### How to print out all “Trip by Trip” memory content

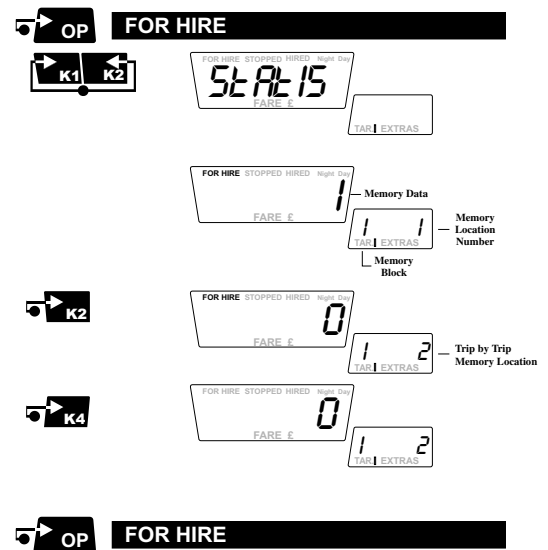
Select **For Hire** position.  
Press **K1** and **K2** at the same time.  
The Tariff display will show “Statis” for a few seconds.

Now the sign “**FOR HIRE**” starts blinking.  
The Extra display will show: in the left digit the block (1 o 2) and in the right digit the number of block location (1-45).  
The Tariff display will show in the right digits the selected location data value.

Press **K2** button to reach the Memory location n. 2

Press **K4** button to print out all the “Trip by Trip” memory location content.  
The For Hire sign stops blinking for few seconds.

Press **OP** button to end the print out procedure and go back to **For Hire** position.



### How to print “Trip by Trip” events starting from the last print out

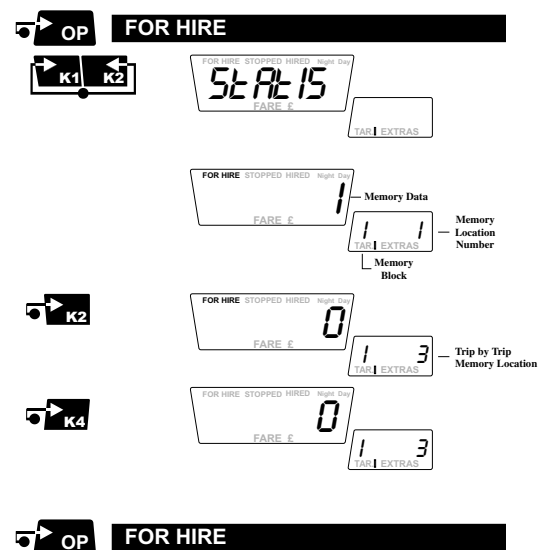
Select **For Hire** position.  
Press **K1** and **K2** at the same time.  
The Tariff display will show “Statis” for a few seconds.

Now the sign “**FOR HIRE**” starts blinking.  
The Extra display will show: in the left digit the block (1 o 2) and in the right digit the number of block location (1-45).  
The Tariff display will show in the right digits the selected location data value.

Press **K2** button to reach the Memory location n. 3

Press **K4** button to print the “Trip by Trip” memory location content starting from the last print out.  
The For Hire sign stops blinking for few seconds.

Press **OP** button to end the print out procedure and go back to **For Hire** position.



# *“Trip by Trip”*

## *Print Out Format*

The “Trip by Trip” Memory buffer can record various events in its locations.

- **Normal Trip** Trip with the passenger on board in **Hired** mode
- **Black Trip** Trip made with the passenger on board but in **For Hire** mode
- **Shift** Total time Driver’s Work
- **C.Card Trip** Normal trip in **Hired** mode payed by a Credit Card
- **Power Off** It will be recorded if the meter stays powered off for more than 2 minutes

The “Trip by Trip” print out format use the follow definitions:

- **START** Date and time when the event (Trip, shift, power off) starts
- **END** Date and time at the event stops
- **DRIVER** Driver ID number
- **KT** Kilometers between 2 trips
- **KB** Kilometers in hired of the current trip
- **KS** Kilometers runned in For Hire/Hired with passenger on board
- **SPD** Top Speed reached during the Trip
- **TN** Trip Progressive Number
- **AMT** Trip total amount
- **CREDIT CARD N.** Credit card number
- **EXPIRE** Credit Card’s expiring date

## *Print Out Format Examples*

```
NORMAL TRIP
START      20/01/1999      15:03
END        20/01/1999      15:15
DRIVER N   999999999
KT 56      KB  10.0      SPD  80
TN. 1      AMT.      2.40 B
```

```
BLACK TRIP
START      20/01/1999      15:25
END        20/01/1999      15:45
DRIVER N   999999999
KT 10.0    KS  20      SPD  70
TN. 2      AMT.      ***** B
```

```
SHIFT
START      20/01/1999      15:03
END        20/01/1999      20:09
DRIVER N   999999999
```

```
                SHIFT
START      27/01/1999      13:23
END        27/01/1999      13:25
DRIVER N   999999999
KT 0.5     KS  0.5     SPD  42
TN. 77     AMT.      2.40 B
CREDIT CARD N.
4922961140076910
EXPIRE      03/99
```

```
POWER OFF
START      27/01/1999      17:41
END        27/01/1999      17:44
DRIVER N   999999999
                POWER OFF
```

# Ticket Print Out

The Ticket heading is composed by 208 spaces (13 horizontal lines - 16 vertical columns) where can be inserted 64 different ASCII characters (chracter 32 is equivalent to a blank space).

In order to program the taximeter heading format must:

- Remove the taximeter programming cover
- Insert the Programming Key.

In order to set the ticket format of any Digitax Printer do the following procedure:

Select **For Hire** position.  
Press **K2** button .  
The big display will show "Prg ti" for a few seconds.



The signs "**Stopped**" and "**Hired**" will light.  
The big display will show the character ASCII number code in the right digits and in the left one the ASCII character representation.  
The small display will show: in the left digits the horizontal line number and in the right digits the vertical column number..



Press **K2** button to increase the ASCII index.



Press **K1** button to decrease the ASCII index.  
*P.S. Character 32 is equivalent to a blank space.*



Press **K4** button to forward of one space.



Press **K3** button to backward of one space.



Press **OP** button to end the Ticket Heading format procedure and go back to **For Hire** position.  
• Remove the Programming Key.  
• All the modifications done till now will be recorded.



		Vertical Columns															
Lines		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	

Num. Code	ASCII Code	Num. Code	ASCII Code
32		64	@
33	!	65	A
34	"	66	B
35	#	67	C
36	\$	68	D
37	%	69	E
38	&	70	F
39	'	71	G
40	(	72	H
41	)	73	I
42	*	74	J
43	+	75	K
44	,	76	L
45	-	77	M
46	.	78	N
47	/	79	O
48	0	80	P
49	1	81	Q
50	2	82	R
51	3	83	S
52	4	84	T
53	5	85	U
54	6	86	V
55	7	87	W
56	8	88	X
57	9	89	Y
58	:	90	Z
59	;	91	[
60	<	92	\
61	=	93	]
62	>	94	^
63	?	95	_

Programming Example																
"TAXI SERVICE"																
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Ascii Car.			T	A	X	I		S	E	R	V	I	C	E		
Num. Code	32	32	84	65	88	73	32	83	69	82	86	73	67	69	32	32



## Totalizers

The F1 taximeter has a double set of 37 totalizers each also called statistic memories that store in accumulative form several events.

The events stored are:

1. Quantity of trips
2. Quantity of drops or units
3. Total Km
4. Total Km in For Hire
5. Total Km in Hired
6. Km run with passenger infrared sensor ON and taximeter in For Hire (black trips)
7. Total Km in overspeed
8. Total collected
9. Credit card collect
10. Fare collect
11. Extra charges collect
12. VAT collect (if VAT separate calculation enabled)
13. Time in For Hire
14. Time in Hired
15. Time in Wait (Hired and not moving)
16. Total time
17. Collect in Tariff 1
18. Collect in Tariff 2
19. Collect in Tariff 3
20. Collect in Tariff 4
21. Collect in Tariff 5
22. Collect in Tariff 6
23. Collect in tariffs 7 to 63
24. Units in Tariff 1
25. Units in Tariff 2
26. Units in Tariff 3
27. Units in Tariff 4
28. Units in Tariff 5
29. Units in Tariff 6
30. Units in Tariff 7 to 63
31. Km run in tariff 1
32. Km run in tariff 2
33. Km run in tariff 3
34. Km run in tariff 4
35. Km run in tariff 5
36. Km run in tariff 6
37. Km run in tariff 7 to 63