

# F3 PLUS TAXIMETER

**Digitax**  
AUTOMOTIVE ELECTRONICS

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# Main Features

## Dimensions

Width: 18,5 cm.  
Height: 6,2 cm.  
Depth: 2,5 cm.

## Weight

Gr. 350 ca.

## Displays

Fare counter:  
6 Digits Red High-Luminosity Led  
Extra counter:  
5 Digits Red High-Luminosity Led  
Illuminated Front Text  
1 Digit tariff index

## Power Supply

From 8,5 to 16 Volts

## Temperature

From -15 to 70 °C.

## Relative Humidity

95%

## Mechanical Strenght

3 g

## Distance Unit

From 10 cm. to 6553 meters  
Step 10 cm.

## Waiting Time Unit

From 0,1 sec. to 6553  
Step 0,1 sec.

## Totalizator Mode

Dataflash 1Mb  
- 45 + 45 Statistic Memory  
- 12 x 45 Monthly Statistic  
- 50 x 45 Statistics for each Driver

## Tariff Structure

63 Smart and fully independent Tariffs  
+8 Night Tariffs  
+8 Holiday Tariffs  
+4 Autofare Tariffs  
+4 Autidistance Tariffs

## Tariff Choice

Manual  
Radio

## Automatic at pre-programmed:

- Distance(s)  
- Time(s)  
- Date(s)  
- Fare(s)  
- Amount(s)

## Tariff Program Change

Manual by Key  
Via Radio  
By Programmer  
By Chip Card  
By Infrared Programmer

## Peripheral Connections

Printer  
Magnetic Card Reader  
Chip Card Reader/Writer  
Infrared Passenger Sensor  
Mobile Data Terminal  
Modem  
Cellular Phone

## Communications Ports

Internal COM1 and COM2  
RS232 +/- 12 Volts STD  
4 Input/Output TTL level

## Communications Protocols

GMSI  
Mobilstar  
RomaNet  
Telecom It. (Upgradable)

## Operative Firmware

Upgradable firmware on Flash

## Transducer

Mechanical Hall Effect or Internal adapter for electronic speedometer up to 100.000 l/km

## Power Outputs

1 Roof Light 25 Watts  
4 Programmable power outputs 5 Watts



# Interfacing System



The **Digitax F3** Taximeter has several communication channels that make possible the communication with the external world. Two independent RS232 serial ports at baud rate from 300 to 38400 and a 4 wire synchro channel plus a special printer driver, allow the interfacing to several devices at the same time. The Commtax 2 included protocol allows remote managing of all the taximeter, magnetic Credit Card reader, chip card and printer functions. The link to a dispatch system or another mobile terminal is accomplished on the RS232 port at any baud rate from 300 to 38400 using a frame structure N, 8, 1: signal level +/- 12 V, using the protocol COMMTAX 2 described in this document.





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