

TAXIMETER

Digitax
AUTOMOTIVE ELECTRONICS

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Main Features

Dimensions

Width: 28 cm.
Height: 8,5 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

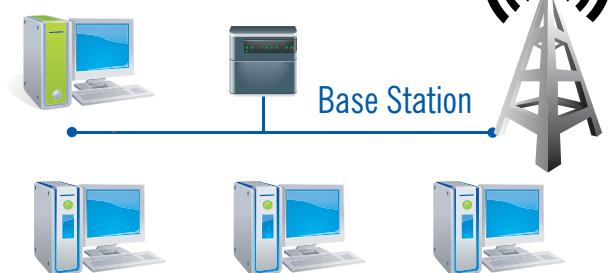
1 Roof Light 25 Watts
4 Programmable power outputs 5 Watts

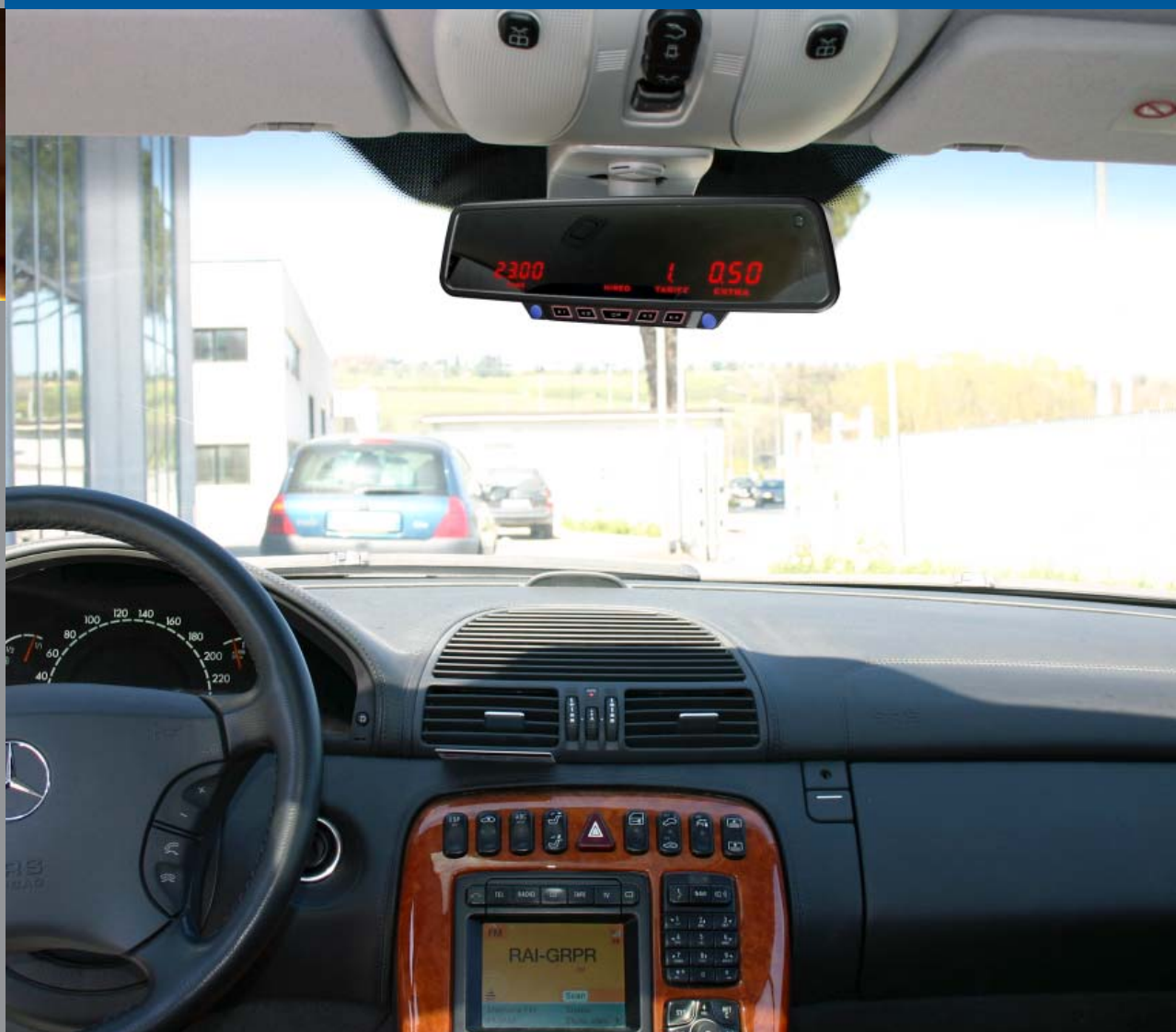


Interfacing System



The **Digitax M1** 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 115200 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 115200 using a frame structure N, 8, 1: signal level +/- 12 V, using the protocol COMMTAX 2 described in this document.





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