



Formula 725-725/RF

Hand-Held Laser Terminal

Features

- Superb reading capability and large memory capacity
- User-friendly interface with icons
- Easy programmable to maximize productivity
- Long Range and wireless versions available
- Sturdy and extremely well protected

Applications

- Inventory control
- Goods picking
- Goods shipping/receiving
- General warehouse management
- Shelf replenishment and price verification
- Intensive use also in industrial environment

General Description

Although it is positioned at mid-level of the Formula line, the **Formula 725** Hand-Held Laser Terminal with pistol grip, offers features and functionality typical of high-end products.

Compact and lightweight, the **Formula 725** successfully faces the most trying conditions of today's industrial use such as incidental falls, extreme environmental temperatures and intensive use.

In addition to the excellent standard reading capability, Datalogic has developed the **Formula 725** Long Range version that enables reading of bar codes located in difficult-to-reach places, even up to 1.5 m away.

An extensive memory with up to 2MB reserved for data, making the **Formula 725** ideal for use in applications where large files must be managed.

This Hand-Held Laser Terminal features a graphic LCD backlit display with excellent readability and software controlled icons. It is also equipped with an alphanumeric 20-key keyboard for easy data and descriptions entry, making user interaction easy and productive.

The wireless version, **Formula F725/RF**, integrated in the Formula 433MHz Communication System, performs radio connection at 433 MHz, which does not require an operating license, as per the ETSI 300-220 European regulations.

For customized applications, the **Formula 725** and the **Formula 725/RF** are fully programmable in C language using the *Development System F725*.

Furthermore, Powergen 2000 is the ideal solution for simply and quickly creating applications without any knowledge of complicated programming languages, thanks to the user friendly icon-based graphic interface.

Models and Accessories

MODEL	DESCRIPTION	ORDER NO.
F725/512	Hand-Held Laser Terminal 512KB	941304010
F725/2048	Hand-Held Laser Terminal 2048KB	941304030
F725/RF/512	Hand-Held Laser Terminal 512KB - RF version	941304100
F725/LR/512	Hand-Held Laser Terminal 512KB - Long Range version	941304060
F725/LR/2048	Hand-Held Laser Terminal 2048KB - Long Range version	941304080
F725/LR/RF/512	Hand-Held Laser Terminal 512KB - RF and Long Range version	941304110
ACCESSORIES		
F925	Transceiver/Charger	94A15405X
F925/4	Transceiver/Charger - 4 slots - RS232 (x1) /RS485 (x4)	94A15407X
FBK725	Battery kit for F725 - F725/RF	94ACC4200
FBS725	Set of batteries for F725- F725/RF	94ACC4210
FCB232 D 9 F	RS232 serial connection cable for PC/AT T 8 M - D 9 F 2m	94A054000
FCB232 D 25 F	RS232 serial connection cable for PC/XT T 8 M - D 25 F 2m	94A054010
FCB485 SYS	RS485 serial connection cable for SYSNET 2 m	94A054020
FCB EAV	Eavesdrop cable kit 2 + 2 m	94A054030
DEVELOPMENT SYSTEM F725	C libraries for software development	94A104530
POWERGEN 2000 for F725	Rapid application development system for Windows 95, 98/ NT	94A104190
UTILITY TOOLS ADV. ED. FULL PACK for F725	Software package for Windows 95, 98, NT	94A104160
SYSTOOLS ADVANCED EDITION	Software package for Windows 95, 98, NT	94A104310
OLE FOR FORMULA	Active X software for Windows 95, 98, NT	94A104300

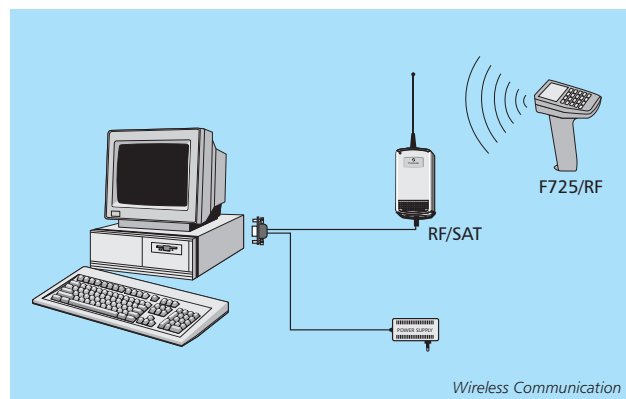
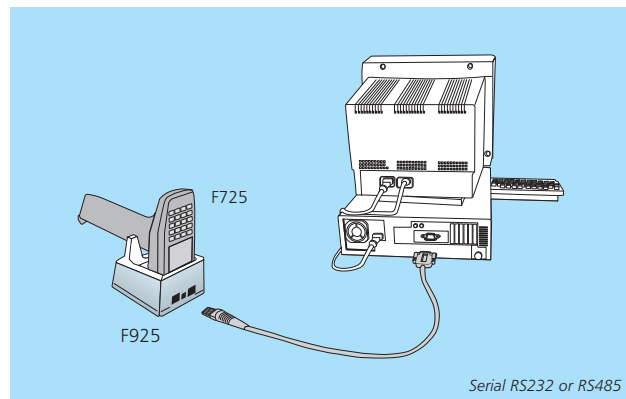
x = 1 - power supply for USA; 2 - power supply for Europe; 4 - power supply for UK; 5 - power supply for Australia

Specifications

OPERATING SYSTEM	Datalogic proprietary
PROCESSOR	8 bit CMOS
MINIMUM RESOLUTION	0.15 mm (6 mils)
SCAN RATE	36 scans/sec
DEPTH OF FIELD	3 to 70 cm, 10 to 150 cm (LR version)
READING ANGLES	±65° skew, ±55° pitch
BAR CODES	EAN 8, EAN 13, UPC/A, UPC/E, 2/5 family, 3/9 family, 2/7, Codabar, 93, 128, MSI, Delta A IBM
SYSTEM MEMORY	64 KB Flash dedicated to the application program; 512 KB or 2 MB RAM for data
DISPLAY	Graphic LCD with backlight
SCREEN FORMATS	4 lines of 16 characters with icons
KEYBOARD	20 alphanumeric silicon rubber keys
SIGNAL TO OPERATOR	Bicolor LED and piezoelectric buzzer, software programmable frequency/duration
CLOCK/CALENDAR	Quartz controlled RTC, date and time programmable
INTEGRATED SCANNER	VLD - Class II
SERIAL COMMUNICATION	Infrared by optocoupler between F725 and F925 RS232 or RS485 between F925 and PC Transmission speed: 300 to 19,200 bit/sec
WIRELESS COMMUNICATION	(F725/RF) Formula 433 MHz Wireless Communication Frequency: 433.92 MHz, Narrow Band Transmission distance*: up to 50 m indoors, 70-80 m outdoors Transmission speed: 9600 bit/sec Power output:<10 mW Approval: Europe - ETSI 300-220
POWER SUPPLY	250 mAh NiCd user changeable batteries
AUTONOMY	18 h (with reading every 45"); 15 h F725/RF
BATTERY CHARGING	Via F925 Transceiver/Charger
DIMENSIONS	113 x 56 x 144mm (4.45 x 2.20 x 5.67 in)
WEIGHT	240 grams (8.48 oz); 255 grams (9.01 oz) (F725/RF)
OPERATING TEMPERATURE	-20 to 50°C (-4 to 122°F)
DROP RESISTANCE	1.2 m (3.94 ft) onto concrete Electrostatic discharges protection up to 15 kV in air
PROTECTION CLASS	Industrial, against dust and water jettings

*Transmission distance depends on environment characteristics

Connections



DATA LOGIC DL

Bar Code & More

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We reserve the right to make modifications and improvements

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