Formula 734-E
Pocket-sized Laser Terminal

FEATURES

- Extremely compact and sturdy
- Very light weight (184 g)
- Large data and program memory capacity
- "Overspeed" capability
- User-friendly interface
- Excellent price/performance ratio

APPLICATIONS

- Goods shipping/receiving
- Inventories
- Materials pick-up
- Warehouse management
- Shop Floor
- Shelf price-checking
- Goods re-assortment in points of sale

GENERAL DESCRIPTION

The **Formula 734-E** is a lightweight, pocket-sized and fully programmable terminal, claiming the greatest sales success of the Datalogic PDC range.

With up to 1MB of RAM memory for managing large databases and 512KB of Flash memory for application programs of large dimensions, the **Formula 734-E** solves the most complex application needs. Furthermore, the "overspeed" capability boosts software performance, thus increasing the operator's productivity. Its excellent reading performance allows bar codes to be scanned up to a distance of 70 cm, while the long life batteries assure a large autonomy able to cover more than one work shift. The wide backlit LCD display, with 4 lines and 16 characters, clearly shows much information while the practical 25-key alphanumeric keyboard allows data, codes and descriptions to be input very quickly. Protection against bumps, dust and water are all features that make the **Formula 734-E** suitable for intensive use even in industrial environments.

By using the optional EasyGen™ Application Generator or the Development System for Formula software packages for Windows environment, developers can easily customize applications according to the end user specific needs.

The most common data collection applications such as inventory, picking and shipping/receiving, especially in the Retail market, are easy to perform thanks to the **Formula 734-E** features. Nevertheless, the **Formula 734-E**, thanks to the best price/performance ratio of its category, is considered the ideal solution of many applications even in Transportation & Logistics and Manufacturing markets.

DATALOGIC

MODELS AND ACCESSORIES

PRODUCT	DESCRIPTION	ORDER NO.
F734-E/512	F734-E Enhanced Pocket Terminal 512KB	941504180
F734-E/1024	F734-E Enhanced Pocket Terminal 1024KB	941504190
ACCESSORIES		
F951/C	Charger	94A15400X
F951	Transceiver/Charger - RS232 / RS485	94A15401X
F951/V	Vehicle Transceiver/Charger RS232 / RS485 (without power supply)	94A154350
F950/4/C	Charger - 4 slots	94A15402X
F950/4	Transceiver/Charger - 4 slots - RS232 (x1) / RS485 (x4)	94A15403X
F950/4/RS232	Transceiver/Charger - 4 slots - RS232 with NCK for RS485	94A15404X
F902	T-Box	94ACC4020
NCK	RS485 Network/PC connection kit (1)	94ACC400X
FBK734-	Battery kit for F734/B	94ACC4610
FBS734-	Set of batteries for F734/B (5 pc pack)	94ACC4620
FLH734	Leather holster	94ACC4010
FCB232 D 25 F	RS232 serial connection cable for PC/XT T 8 M - D25 F 2 m	94A054010
FCB232 D 9 F	RS232 serial connection cable for PC/XT T 8 M - D9 F 2 m	94A054000
FCB485 SYS	RS485 serial connection cable for SYSNET 2m	94A054020
FCB EAV	Eavesdrop cable kit 2+2 m	94A054030
Rubber Cover	Rubber protection cover F732/F734 BATCH	94ACC4650
DS FOR FORMULA	Development system for Formula Basic Line	94A104860
CA51 Compiler	8051 Compiler kit V6 for F6xx and F7xx	94A104890
EASYGEN™	Easy application generator package for Formula batch terminals: F660, F725, F732, F734	94A104850
UTILITY TOOLS FULL PACK ADV. ED. F734	Software package for Windows 95, 98, NT	94A104170

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

SPECIFICATIONS

OPERATIVE SYSTEM	Datalogic proprietary
PROCESSOR	8 bit CMOS
PROGRAM MEMORY	512 KB Flash dedicated to the application program
DATA MEMORY	512, 1024 KB RAM for data
DISPLAY	Graphic high-contrast LCD with backlight
SCREEN FORMAT	4 lines x 16 characters
KEYBOARD	Alphanumeric with 25 silicon rubber keys
SIGNAL TO OPERATOR	Bicolor LED; Piezoelectric buzzer; programmable frequency and duration
CLOCK/CALENDAR	Quartz controlled RTC; programmable date and time
SCANNING RATE	36 scans/sec
MINIMUM RESOLUTION	0.15 mm (6 mils)
DEPTH OF FIELD	3 to 70 cm (1.2 to 27.6 in), depending on barcode thickness
READING ANGLES	±65° skew; ±55° pitch
BAR CODES	EAN 8, EAN 13, UPC/A-E, 2/5 family, Code 128, Code 93, Code 2/7, Code 3/5, 3/9 family, MSI, DELTA A IBM
LASER CLASSIFICATION	VLD - Class II
SERIAL COMMUNICATION	Infrared (via optocoupler) between F734 and F951 or F950/4, RS232 or RS485 between F951 or F950/4 and PC or Host. Trasmission speed: 19,200 bit/sec
POWER SOURCE	250 mAh NiCd rechargeable batteries
AUTONOMY	18 h, with reading every 45"
BATTERY CHARGING	Via Formula 951 single slot Transceiver/Charger or Formula 950/4 multiple slot Transceiver/Charger
DIMENSIONS	165 x 56 x 32 mm (6.5 x 2.2 x 1.3 in)
WEIGHT	184 g (6.5 oz)
OPERATING TEMP.	0 to 50 °C (32 to 122 °F)
DROP RESISTANCE	Resists drops from 1m (3.3ft) onto concrete
ENVIRONMENTAL PROTECTION	Industrial, protected against dust and water

ACCESSORIES

Rubber Cover

EasyGen™ Package

DS for Formula™ Package

DATALOGIC
code e-volution

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