

FREE+™



A modular programmable data entry system

FREE+™ is

Modular

Left & Right extension through mechanically and electrically connected Keyboards, Card Readers, Identification devices, Voice & Image communication ...

Flexible

Front & Back through electrically connected Alphanumeric, PIN Module, Display...

Programmable

One **Master Communication Module** connecting all **Slave Modules**.
PS/2, RS232 and USB Interfaces can be combined.

Reliable

Automatic Recognition of Installed Configuration.
Upload, Download and easy **Programming** of the **Layout File**.
Any combination of key, single, double or quadruple key is possible.
Supported operating systems : 95, 98, ME, NT, 2000, XP
And many more user friendly programming features ...

The 12.1" monitor is optionally equipped with **OMRON B3F** insuring extremely long lifetime (> 1 000 000 operations).

ELO 5 Wire AccuTouch™ with a **Sealed LCD TFT** module offer optimal resistance to liquid spills and operation for a lifetime of 35 million finger touches.
Bottom cable connection system offers optimal space occupation and protection.

FREE+™ Family at a Glance



Controller

The controller co-ordinates communication between all modules, stores information and talks to the computer

- **TM-MRT** (PS/2+RS232 for screen module)
- **TM-MUT** (USB for screen module)
- Reprogrammable

Screen modules

Screen modules can be 12.1" or 15" touch screen or not

- **TM-TVR/TVU** - 12.1" touch screen (RS232 or USB), SVGA, 800 x 600 pixels
- **TM-TV0** - 12.1" screen, SVGA, 800 x 600 pixels, 376 x 270 x 95 mm
- **TM-XVR/XVU** - 15" touch screen (RS232 or USB), 1024 x 768 pixels
- **TM-XV0** - 15" screen, XGA, 1024 x 768 pixels, 376 x 312 x 109 mm

TFT LCD screen with audio options and shortcut keys (for 12.1" only)

Customer screen

Compact display for delivering information to customers or operators

- **TM-DV0-A** – 6.4", TFT screen, VGA 640 x 480 pixels, 210 x 159 x 57mm, standalone

Front keyboard

Front keyboard as part of FREE+ configuration or as standalone unit

- With matrix layout – **TM-KFX-095E** or **TM-KFX-095R**
- With alphanumeric layout – **TM-KFQ-095E** or **TM-KFQ-095R**

Inclination mechanism for screen modules

The viewing angle may be adjusted in two ways : inclination mechanism and pole angle adjustment (12.1" or 15")

Inclination mechanism

- **TM-SM5** – for inclination 35° - 50° in increments of 5°, size 356 x 267 x 14 mm
- **TM-SM7** – for inclination 55° - 75° in increments of 5°, size 356 x 267 x 14 mm

Pole angle adjustment

- **TM-SP1** - desktop mounting hat enables the screen to incline to any position up to verticale

Accessories

Central European and north American mains socket available

Units can be equipped with other FREE modules or used as separate elements. Modules join together in a simple direct mechanical connection.

FREE+™ touch me It is Real