

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, ...

Programmable

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

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 ...

Reliable

The Keyboards are equipped with **Cherry MX** Mechanical switches insuring extremely long lifetime (> 1 000 000 000 operations).

FREE™ Family at a Glance



Controller

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

- **TM-MRK** (PS/2+RS232 : 8kb)
- **TM-MUK** (USB : 32kb)
- Reprogrammable

Keyboard Modules with alphanumeric keys

Keyboard modules equipped with Cherry MX Mechanical Keyswitches. Choice of numerous configurations (alphanumeric)

- **TM-KMQ128A** – 72 alpha + 48 keys (3x16), size 329 x 222 x 42 mm (w x d x h)
- **TM-KMP128A** – 72 alpha + 48 keys (3x16), size 329 x 222 x 42 mm (w x d x h)
- **TM-KMR128A** – 45 alpha + 80 keys (5x16), size 253/315 x 222 x 42 mm (w x d x h)

Azerty or qwerty version available

Keyboard modules with x-y matrix layout

Keyboard modules equipped with Cherry MX Mechanical Keyswitches. Choice of numerous configurations (rows & columns)

- **TM-KMX128A** – 128 keys (8 x 16), size 329 x 222 x 42 mm (w x d x h)
- **TM-KMX096A** – 96 keys (8 x 12), size 253 x 222 x 42 mm (w x d x h)
- **TM-KMX064A** – 64 keys (8 x 8), size 176 x 222 x 42 mm (w x d x h)
- **TM-KMX032A** – 32 keys (8 x 4), size 100 x 222 x 42 mm (w x d x h)
- **TM-KMX032A Numeric** – 20 pre-programmed num + 3 x 12 programmable keys

Azerty or qwerty version available

Identification modules

Modules that ensure user identification.

- **TM-IKA** : keylock module, every position is separately programmable
- **TM-IBA** : ibutton® reader
- **TM-IRA** : FR-ID module, 125 kHz, reading distance up to 7cm

Pointing device modules

Choice of trackball or touch pad module

- **TM-PBA** : 16mm Trackball module in PS/2 or USB output
- **TM-PGA** : Touch pad module in PS/2 output, left and right mouse key

No drivers needed

Card reader

The barcode / magnetic stripe card reader can be added anywhere within a configuration

- **Magnetic stripe card readers** : TM-RAA / TM-RBA / TM-RDA
- **Bar code slot reader** : TM-RDA

Units are fixed to other FREE modules or used as separate elements. All keyboards have horizontal & vertical cable canals on the bottom. Modules join together in a simple direct mechanical connection.

FREE™ touch me It is Real