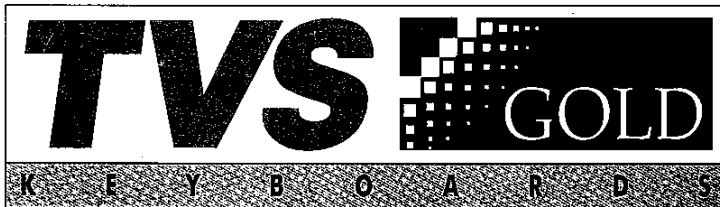


EXHIBIT C

User Manual

Presenting the first ever Tamil-English Keyboard - World Class Quality at your fingertips



TVS GOLD keyboards that come to you with state-of-the-art technology, are now enhanced with a unique Bi-lingual (ISCII Based) feature (Tamil and English). As a superior quality keyboard - the TVS GOLD offers substantially greater life and enhanced handling comfort along with a string of other value added benefits. The TVS GOLD keyboard always gives you performance, that's par excellence. In addition to the Tamil / English keyboards, the bi-lingual feature is also available in 7 other languages - any one of Devanagiri / Telugu / Kannada / Malayalam / Gujarati / Punjabi / Bengali - along with English.

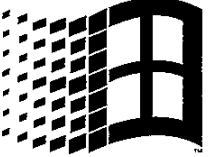
**Tamil/English
Keyboard**

TAMIL



LASER ETCHED KEYCAPS
UL RECOGNISED

Microsoft Certified



**WINDOWS '95
COMPATIBLE**

WINNING FEATURES

*** Long Operating Life of Switch**
(Upto 50 million times per switch)

*** Lightness of Touch**
(Operating force : 60 ± 15 cN)



*** Wide Compatibility**
(Compatibility with IBM PC-AT & PS/2)



*** Low Fatigue Factor**
(Sculptured Keycaps)



*** Highly reliable**
($>200,000$ Hrs MTBF)



SPECIFICATIONS

Electrical :

Input Power Rating	:	+5.0 VDC $\pm$ 10%, 25 mA
Interface	:	Bi-directional
Data Format	:	Data transfer to and from the keyboard in IBM PC compatible format
Connector Type	:	5 Pin DIN for IBM PC - AT 6 Pin Mini DIN connector for IBM PS/2

Pin No.	5 Pin Din (STD)	6 Pin Mini Din (PS/2)
1	Clock	Data
2	Data	Not Used
3	Not Used	Ground
4	Ground	Power
5	Power	Clock
6	-	Not Used

Mechanical :

Switch Type	:	Mechanical
Switch Feel	:	Click Tactile

Environmental :

Operating Temperature	:	5°C to 40°C
Storage Temperature	:	-40°C to 60°C
Relative Humidity	:	10 to 85%

ORDERING INFORMATION

TVS GOLD : 1A230028.

TVS Gold Bilingual Keyboard	SKU No. for STD Model	SKU No. for PS2 Model
Tamil / English	1104KB05	1104KB10
Devanagiri / English	1104KB07	1104KB12
Telugu / English	1104KB06	1104KB11
Kannada / English	1104KB08	1104KB13
Malayalam / English	1104KB16	1104KB17
Gujarati / English	1104KB14	1104KB15
* Punjabi / English	1104KB24	1104KB25
Bengali / English	1104KB18	1104KB19

*Will be available in Q2 / 99

EXCLUSIVE SPECIFICATIONS

	TVS GOLD
Mechanical :	
Total Travel	4.0 $\pm$ 0.0 / 0.5 mm
Operating Force	60 $\pm$ 15 CN
Dimension	490 (L) x 180 (W) x 20 (H) mm

TVS Electronics Ltd.

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