EXHIBIT C

User Manual

TVS ELECTRONICS

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 Devanagri / Telugu / Kannada / Malayalam / Gujarati / Punjabi / Bengali - along with English.

TVS GOLD
KEYBOARDS

LASER ETCHED KEYCAPS
UL RECOGNISED

WINDOWS '95 COMPATIBLE

Microsoft Certified

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)

TVS GOLD
KEYBOARDS

SPECIFICATIONS

Electrical :

Input Power Rating	:	+5.0 VDC ± 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
Devanagri / 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 ± 0.0 / 0.5 mm
Operating Force	60 ± 15 CN
Dimension	490 (L) x 180 (W) x 20 (H) mm

TVS Electronics Ltd.

Plot No. 34, Developed Plots, South Phase, Industrial Estate, Guindy, Chennai 600 032. Ph: +91(44)2325501-09 Fax: +91-44-2327577.

National Call Centre: 044-2322399 / 2322511

BRANCH OFFICES

AHMEDABAD	:	+91-79-7443702 / 7443705.
BANGALORE	:	+91-80-2241679 / 2245010.
CALCUTTA	:	+91-33-4769611 - 14.
CHENNAI	:	+91-44-2325501 - 09.
KOCHI	:	+91-484-355874 / 365492 / 369627.
MUMBAI	:	+91-22-7682765 / 7632139 / 7631950.
NEW DELHI	:	+91-11-4603367 - 69 / 4603714.
PUNE	:	+91-20-374508.
SECUNDERABAD	:	+91-40-7847244 / 7845144 / 7816667.

Visit our website at www.tvs-e.com

67GW02/993.0K