Model Series RT-2900W Modern Design Membrane Keyboard

■ *FUNCTIONAL*

Auto Repeat
This function is controlled by the host system with the following default values. When a key is held down, the keyboard will continuously output 10.9 characters per second after a delay of 0.5 seconds.

Locking Functions
LEDs located on the enclosure indicate the status of Num Lock, Caps Lock and Scroll Lock Keys. The LED indicators are controlled by the host system.

Buffering
The keyboard will buffer up to 16 bytes when the system is unable to receive scan codes from the keyboard. The keystrokes are stored in a first-in-first-out (FIFO) buffer.

Input-Output Data Logic Level
Data input and output is standard TTL level.

■ *ELECTRICAL*

Input Voltage
4.75 to 5.25 VDC.

Input Current
75 milliamperes maximum.

■ *MECHANICAL*

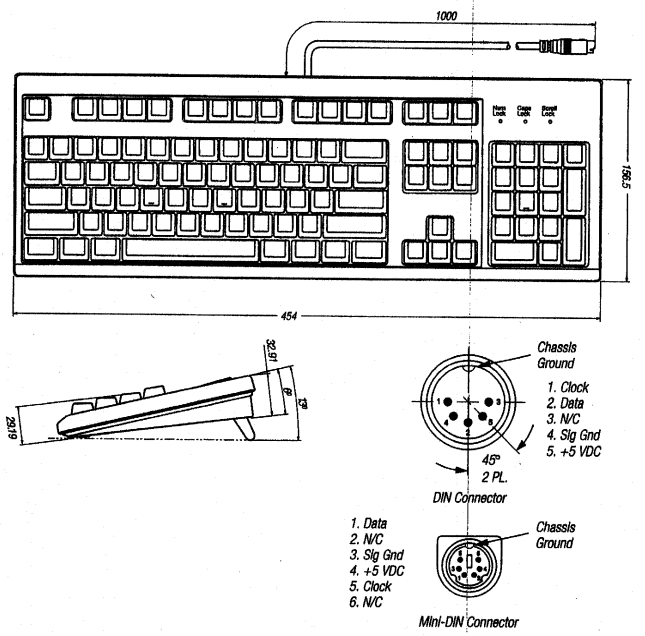
Enclosure Material
Injection Molded Thermoplastics.

Keycap Material
Thermoplastic.
UL flammability rating 94 HB.

Enclosure Color
Pearl White

Keycap Color
Pearl White

Dimensions in are in millimeters *Cable exits from center, right, or left*



■ *ENVIRONMENTAL*

Temperature
Operating: +32°F to +131°F (0°C to +55°C)
Storage: -40°F to +149°F (-40°C to +65°C)

Relative Humidity
0 to 95 percent.

Electromagnetic Compatibility
The keyboard is designed and manufactured to comply with Class B limits, Part 15 of FCC rules for computing device peripherals. Also complies with Canadian ICES-003 Class B.

Electrostatic Discharge (ESD)
The level of ESD protection is dependent on the grounding of the host system. In most cases the RT keyboard features 10 KV protection without any soft errors. Conforms to IEC 1000-4-2 specifications.

Agency Approval
Keyboard is approved by FCC, UL, CSA, TUV, VCCI and CE.

■ *MECHANICAL*

Contact Material
Mylar with silver-carbon overlay.

Keyswitch Travel
0.140 ± .020 inch (3.6 ± .5 mm)

Travel to Make
0.090 ± .020 inch (2.3 ± .5 mm)

Operating Force
Momentary Action:
2.0 oz. nominal (55 grams)

Feel *- Tactile.*

Life *- Meets or exceeds 10 million cycles.*

ISO 9002

NMB
COMPONENTS FOR YOUR SUCCESS

NMB

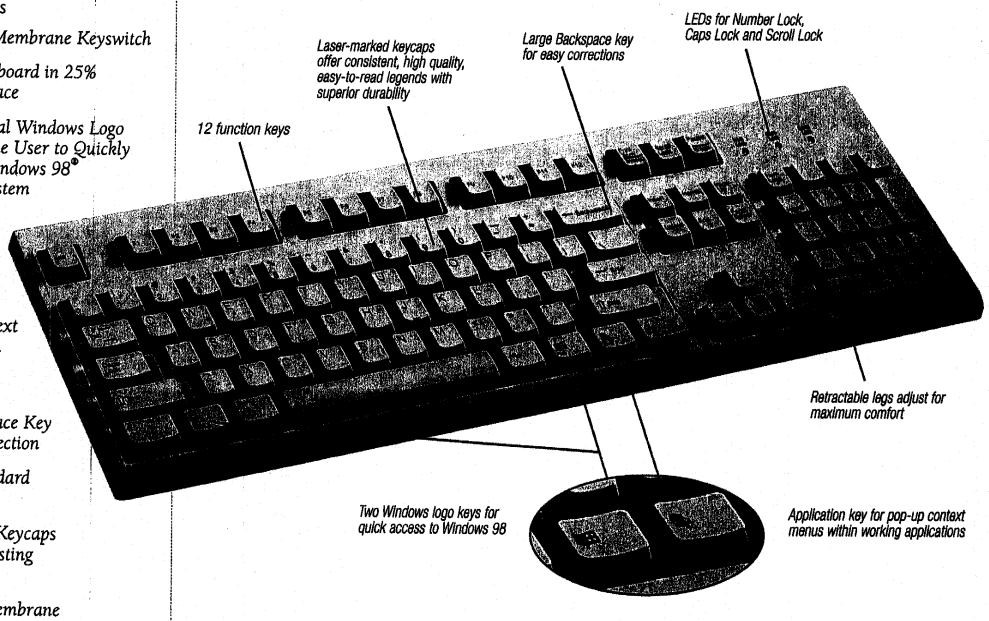
Model Series RT-2900W

Right Touch™

Modern Design Membrane Keyboard

/BENEFITS

- esign with Single caps
- t Membrane Keyswitch
- eyboard in 25% pace
- onal Windows Logo the User to Quickly Windows 98® ystem
- text in
- pace Key rrection
- ndard
- l Keycaps asting
- Membrane Rated at ycles of e Operation
- tibility with er Processor
- tibility with DOS, 5 and Windows 98
- -2 Compatibility N or Optional connector.
- t RMA Process
- Model Available... ndustry Standard red)



The "Right Touch" For Compatibility

The new NMB Right Touch keyboard for Windows 98 has a 25% smaller footprint than a full size keyboard, complementing modern enclosure designs and smaller office work areas. With the addition of three new keys for increased functionality with the Windows 98 operating system, users have direct access to all applications.

The RT-2900W keyboard operates with any DOS, Windows and Windows 98 compatible system. As a result of advanced electronic engineering and extensive compatibility testing, certification by Microsoft Compatibility Labs has been awarded.

Assembled in a high volume, state-of-the-art, automated factory, NMB keyboards deliver high quality at a competitive price. NMB's reputation as the leader in the worldwide keyboard industry is built upon 27 years of keyboard experience, outstanding domestic engineering support, and a commitment to customer service and satisfaction.

Visit the NMB Technologies home page at www.nmbtech.com for more information on our products.

ISO 9002

Designed for Microsoft® Windows NT® Windows 98

nologies Inc., 9730 Independence Ave., Chatsworth, CA 91311 • tel: 818.341.3355 • fax: 818.341.8207 • Internet: www.nmbtech.com • e-mail: info@nmbtech.com

Notice

Information in this manual is subject to change without notice.

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NMB Technologies, Inc.

NMB
TECHNOLOGIES INC.

Computer Keyboard

User's Manual

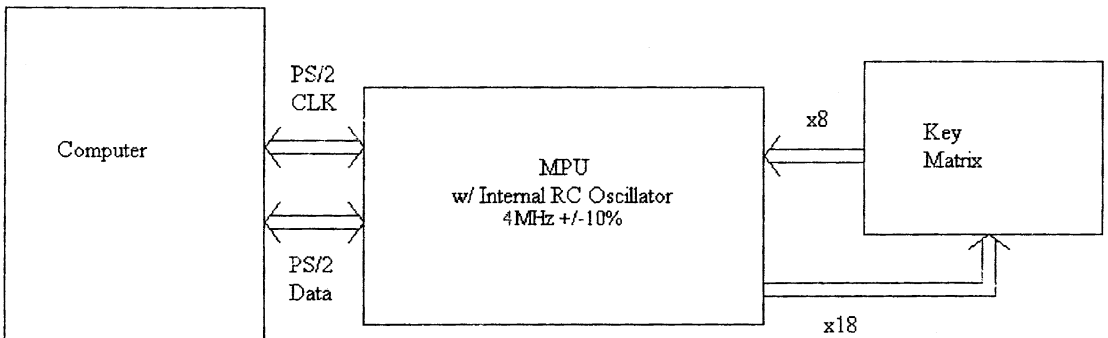
To Angle the Keyboard:

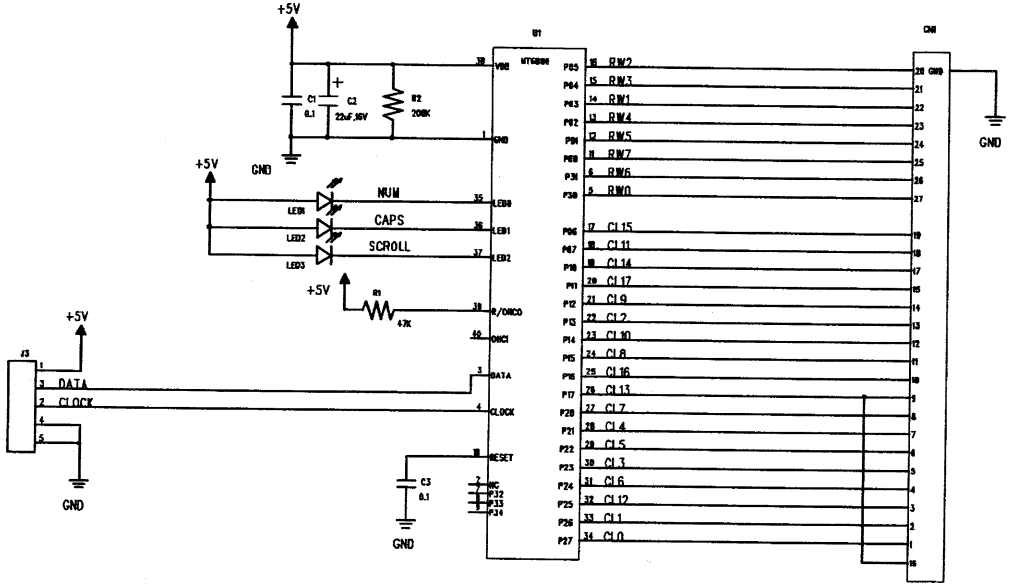
- Use the fold-out tilt legs, located at the back left and right corners on the underside of the keyboard. Pull the tabs outward to full open position. Do not use excessive force when doing so.

To Install the Keyboard:

- Turn off computer before installing the keyboard.
- Find the keyboard receptacle on the rear panel of the computer. Usually, an icon can be seen to identify the keyboard connector as shown below.

- Connect keyboard plug on keyboard cable to the proper receptacle on the computer.
- **Note:** Never attempt to force the plug into the receptacle if it does not fit!


Computer
PS/2
CLK
PS/2
Data
MPU
w/ Internal RC Oscillator
4MHz +/-10%
x8
Key
Matrix
x18



3.ALL CAPACITOR VALUES ARE IN MICROFARADS.
2.ALL RESISTOR VALUES ARE IN OHMS.
1.REFERENCE PRINTED BOARD 125438 LATEST REV.
NOTE;UNLESS OHTERWISE SPECIFIED

REV	DESCRIPTION	ECN NO.	DATE	ENGINEER
A	PRODUCTION RELEASE	RE-2920	15/MAR/2000	E.SHZ

DATE: 21/MAR/2000
DRAWN: E.SHIMIZU
CHECKED: N.MYZK
APPROVED: N.TKHS

MINEBEA CO.,LTD.
MECHATRONICS DIV.

TITLE: SCHEMATIC DIAGRAM
CHAI YO (MTN11)

SIZE: A3
DRAWING NO: 125142
REV: A
SCALE: NONE
SHEET: 1 OF 1