



User Manual

Please attach keyboard and receiver graphics

FreeBoard 2FT

Multi-Channel

Radio Frequency Wireless Keyboard with Track ball

Windows 95/ 98/ 2000/NT compatible

For IBM AT or compatible PC

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Package Contents

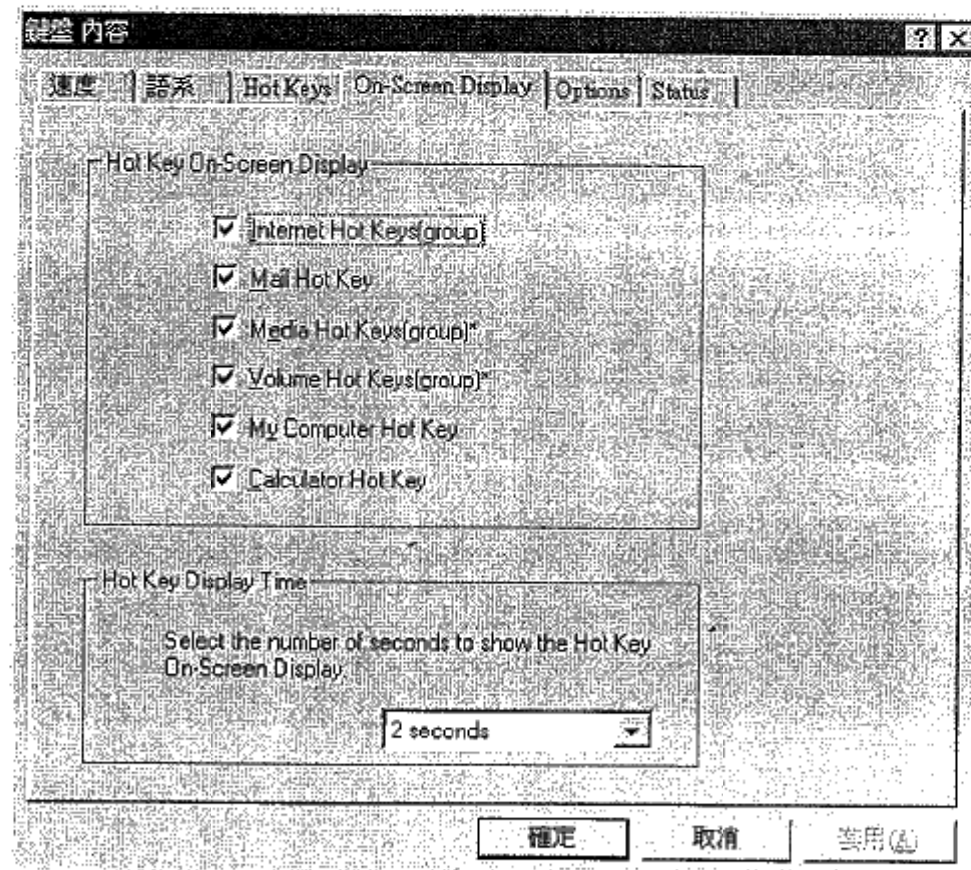
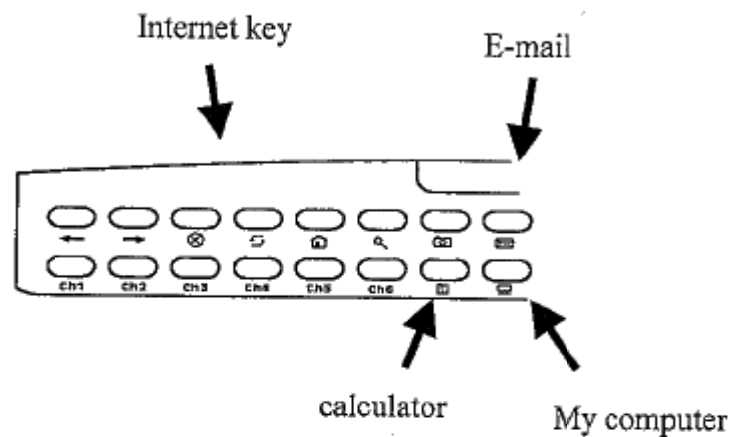
You should find the following items in the packing box.

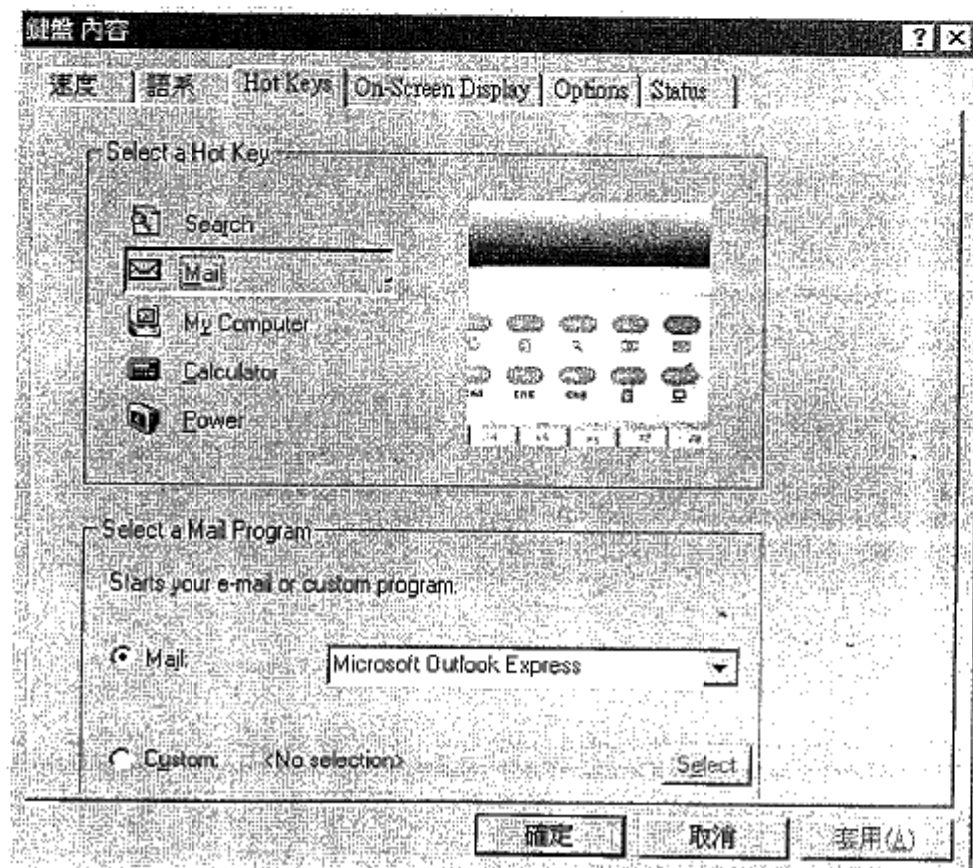
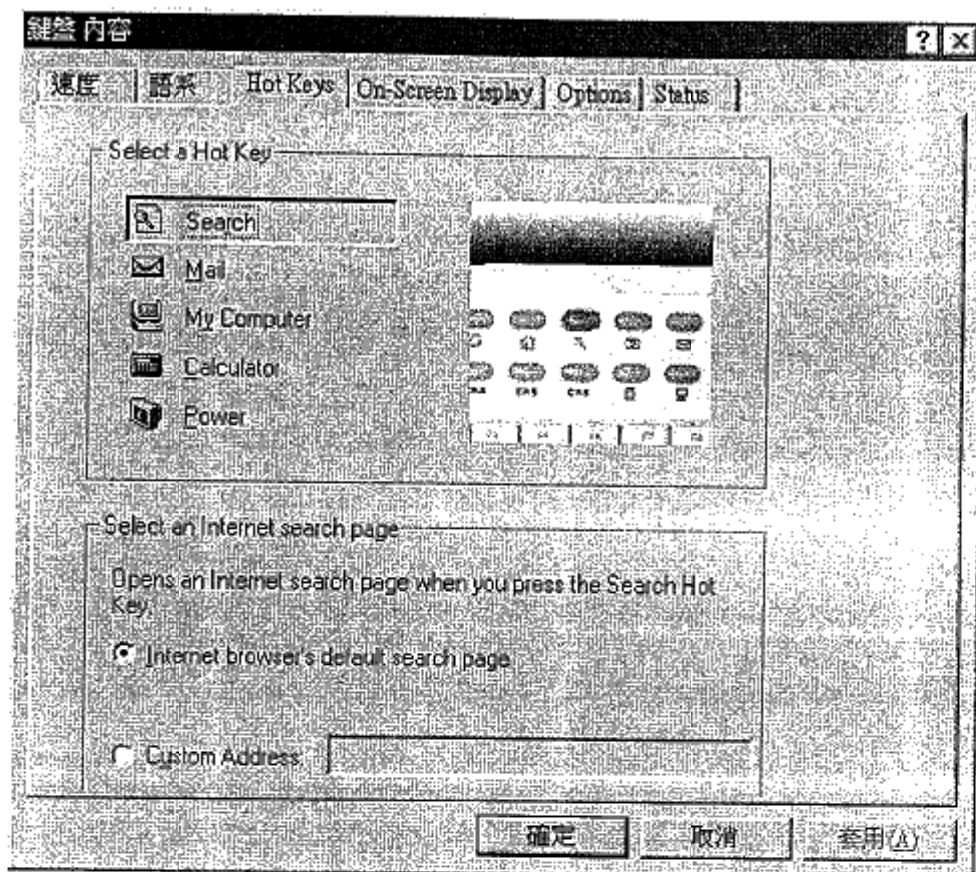
- Wireless keyboard (1)
- RF receiver (1)
- This user manual (1)
- AAA size batteries (2)

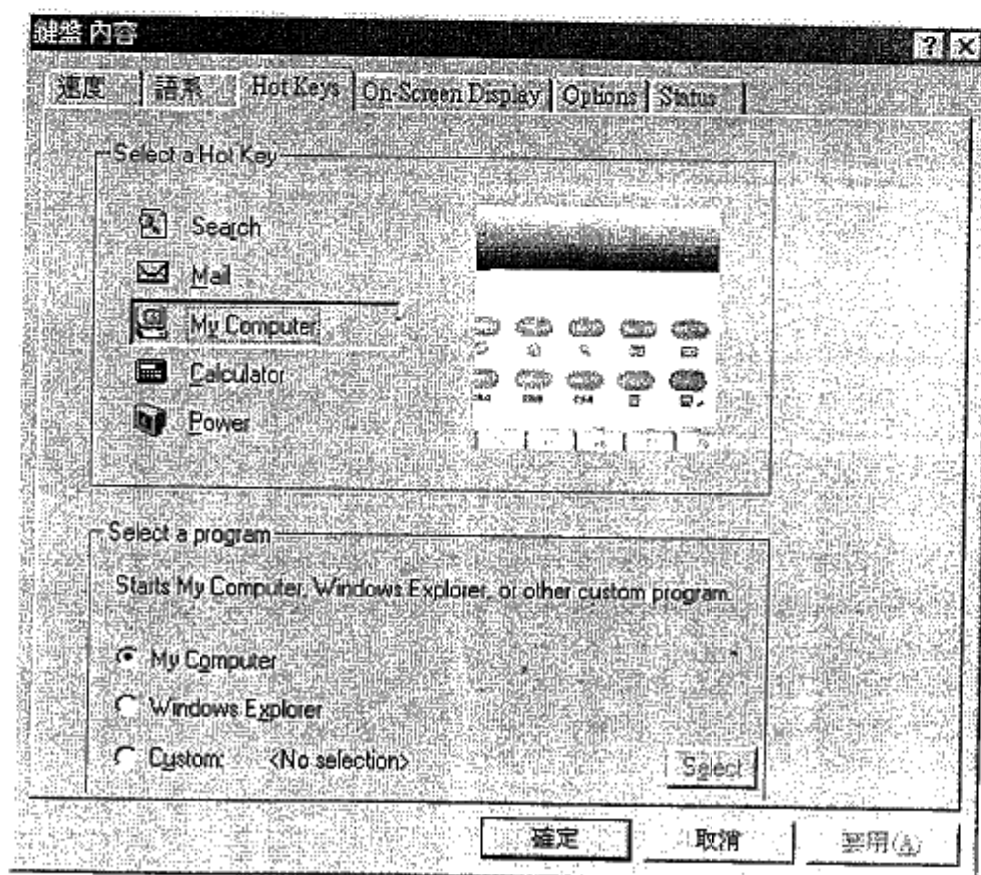
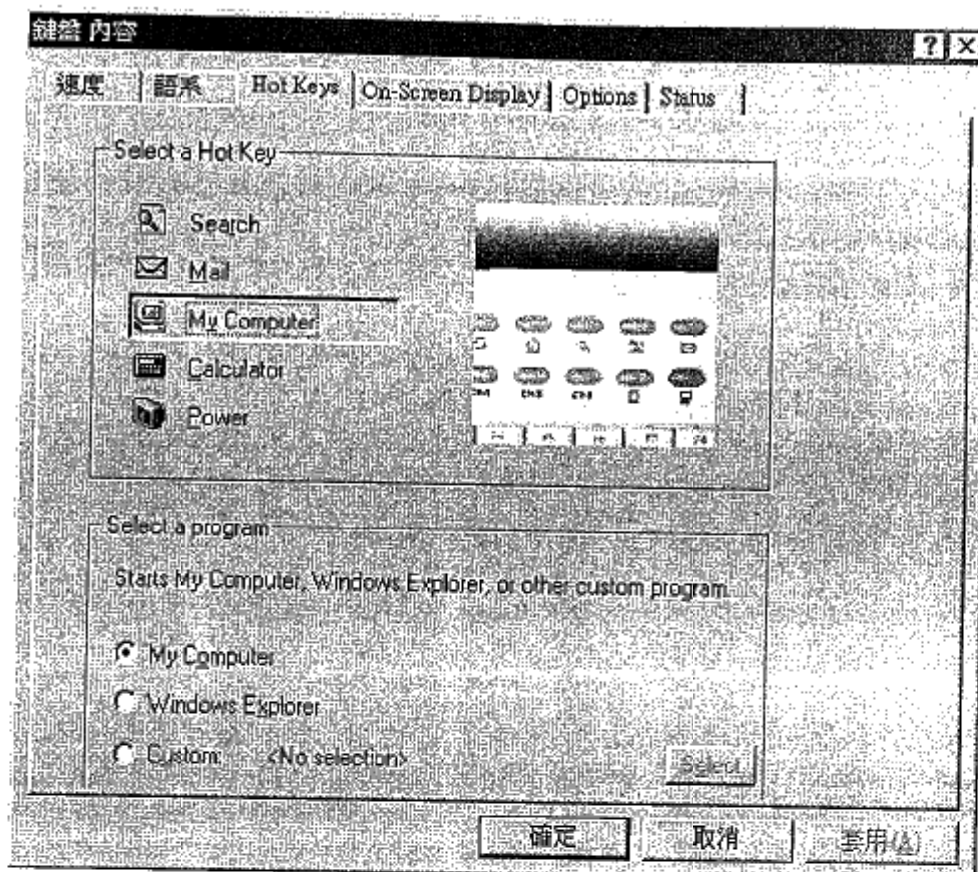
Key Definition

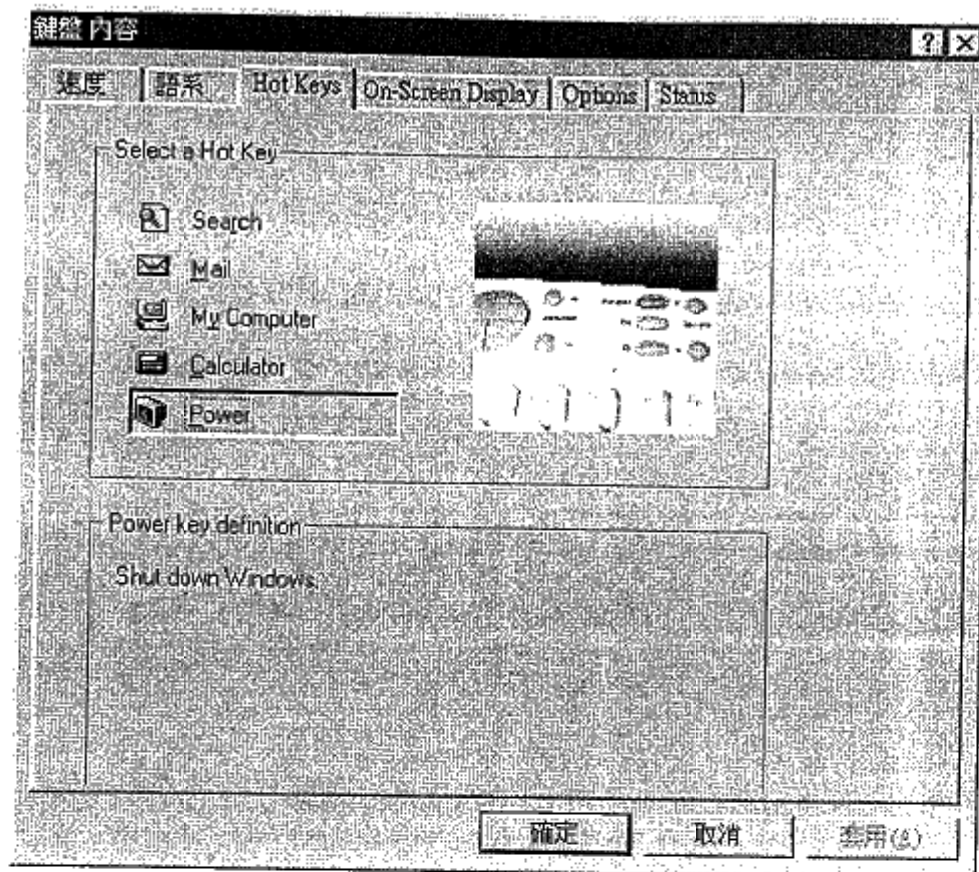
In addition to general keys you can find on ordinary keyboards, FreeBoard 2F wireless keyboard has some extra keys for particular functions.

1. Hot keys for internet & multi-media

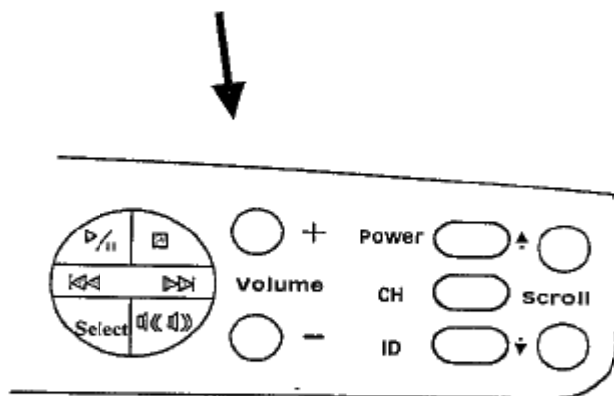




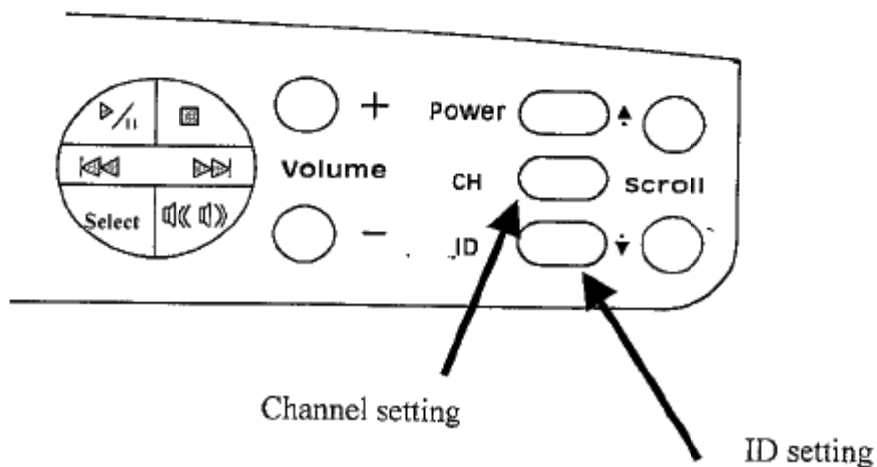


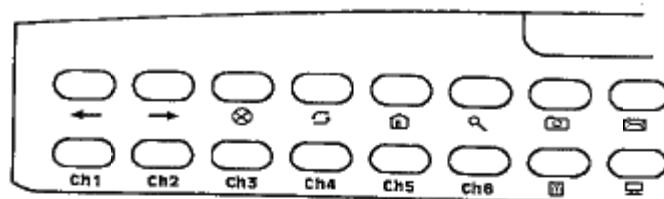


Multimedia

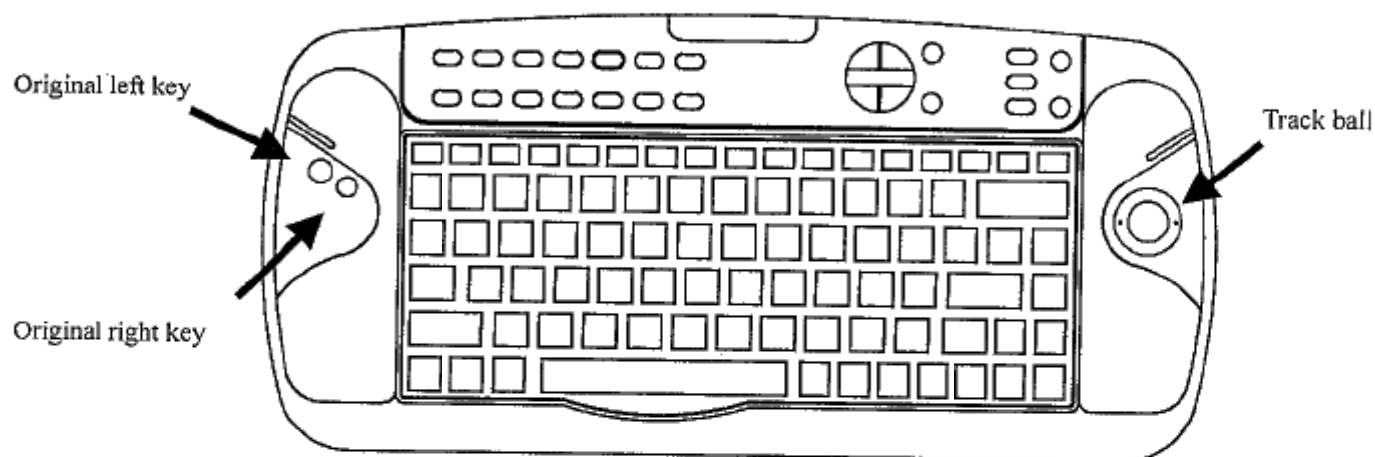


2. Hot keys for RF control & touch pad





Channel 1 ~ channel 6



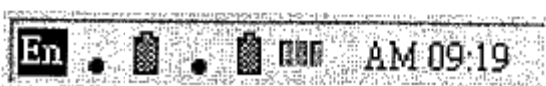
Num lock



Scroll lock



Caps lock



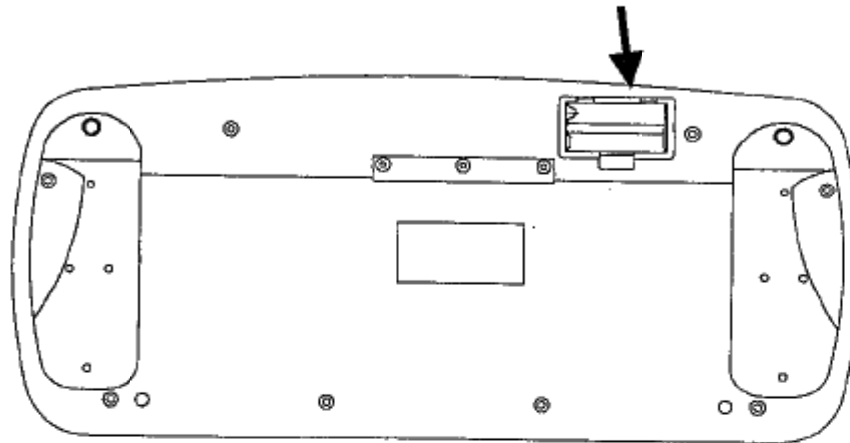
Basic Installation

Please follow the steps one by one to finish the installation.

1 Install Batteries

1.1 Remove the battery cover of the keyboard

Inserting batteries



1.1 Insert attached two AAA size batteries into battery slot, and make sure the batteries are installed in correct pole direction.

1.2 Click the cover back and make sure it is well mounted.

- Note : You are recommended to use alkaline batteries to avoid replacing batteries frequently.

2 Install RF Receiver

2.1 Turn your computer off.

2.2 Unplug your original keyboard and mouse off from your computer.

2.3 Plug the touch pad connector (green color) to the computer's mouse PS/2 port.

2.4 Plug the keyboard connector (purple color) to the computer's keyboard PS/2 port.

2.5 Turn your computer on.

- Note 1 : Do not connect or disconnect the receiver unit while the computers is in operation. It may damage the computer and/or communication ports.
- Note 2 : If you prefer to use FreeBoard 2F just as a keyboard (not using touch pad), please plug just the keyboard connector (not plugging touch pad connector).

The Basic installation is completed now. And, your FreeBoard 2F is ready for use. To ensure best performance of RF transmission/receiving , especially in multi-users situation, please follow the procedures in Advanced Installation.

Advanced Installation

1 Channel/ID allocation

- 1.1 Channel allocation : FreeBoard 2F wireless keyboard contains 6 communication channels to support totally 6 users in the same office. In case of 2 or more users in the same office, please make sure that each user utilizes his particular channels to avoid interference each other.
- 1.2 ID allocation : FreeBoard 2F wireless keyboard contains 16 ID codes which are designed to blockade radio interference between keyboard using the same channel. In following conditions, 2 users may use a same channel while selecting different ID codes.
- a. Distance between the 2 users is far enough (over 10 meters or more), and
 - b. The 2 users are in different rooms separated by a wall.

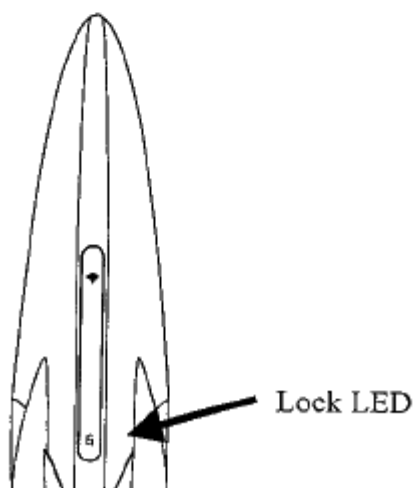
Note 1 : All users in the same office should use their particular channels, different from those used by other colleagues.

Note 2 : If total users are not more than 6, it's recommended that all users, even in different rooms, use their particular channels to achieve the best performance.

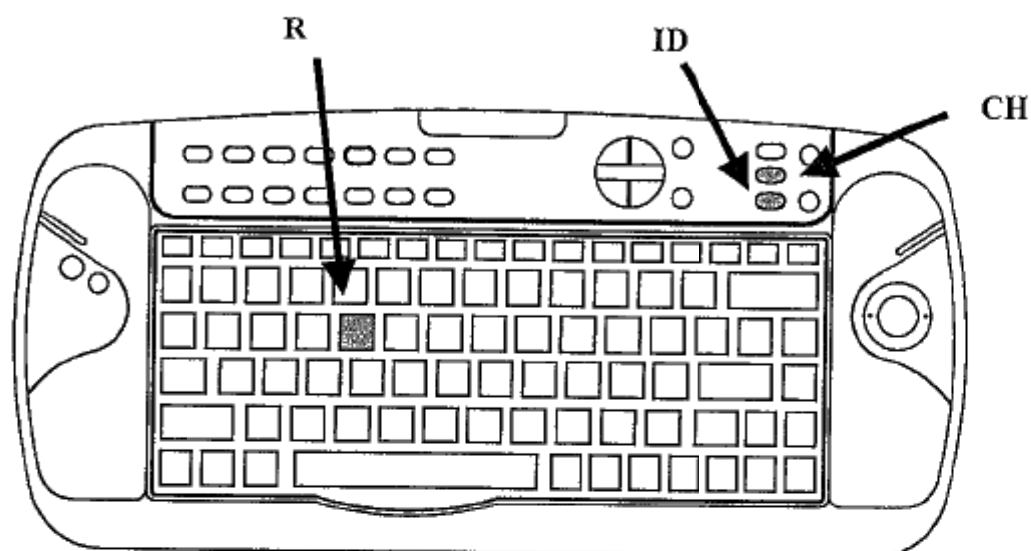
2 Channel/ID selection and lock

FreeBoard 2F wireless keyboard has default (factory) setting at channel 1 and ID 1. To select, or change to, particular channel/ID, please follow steps below.

- 2.1 Make sure the "Lock" LED is off. If it's on, press the "Lock" key on the back of thereceiver, and the "Lock" LED will light off.



- 2.2 Point the keyboard to the receiver within a distance of 1 feet and press the “CH”, “ID” and “R” keys simultaneously. The keyboard will be on default setting channel 1 and ID 1.



- 2.3 Point the keyboard to the receiver within a distance of 1 feet and press any of following keys simultaneously. The “Data Stauts” LED will blink once. Now, the operation channel is set up.

CH + Ch1 = Channel 1

CH + Ch2 = Channel 2

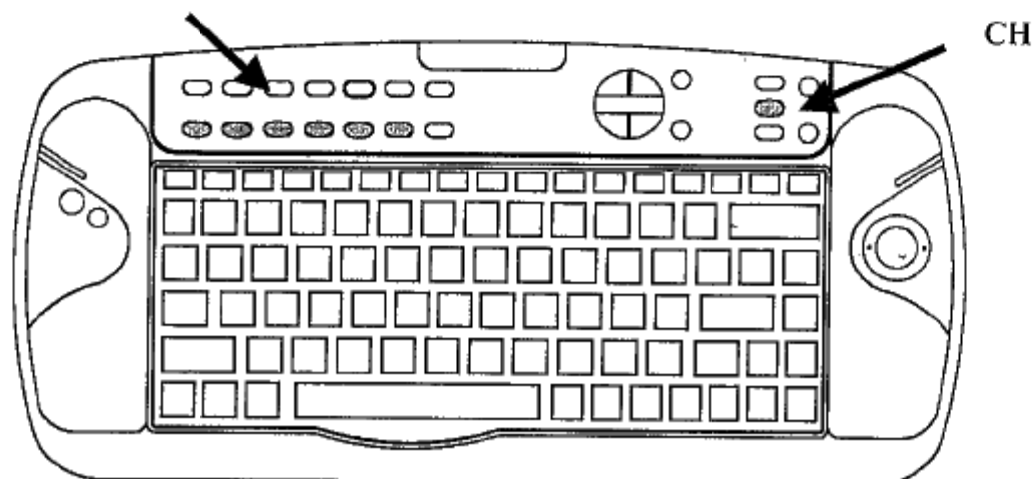
CH + Ch3 = Channel 3

CH + Ch4 = Channel 4

CH + Ch5 = Channel 5

CH + Ch6 = Channel 6

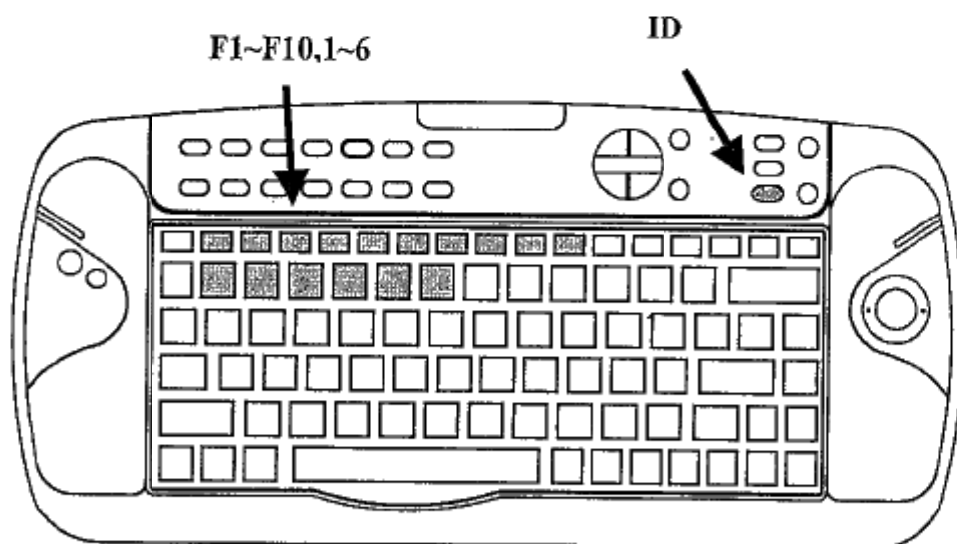
Ch1 ~ Ch6



- 2.4 Point the keyboard to the receiver within a distance of 1 feet and press any of following keys simultaneously. The "Data Status" LED will blink once. Now, the ID code is set up.

ID + F1 = ID 1
ID + F2 = ID 2
ID + F3 = ID 3
ID + F4 = ID 4
ID + F5 = ID 5
ID + F6 = ID 6
ID + F7 = ID 7
ID + F8 = ID 8
ID + F9 = ID 9
ID + F10 = ID 10
ID + 1 = ID 11
ID + 2 = ID 12
ID + 3 = ID 13
ID + 4 = ID 14
ID + 5 = ID 15
ID + 6 = ID 16

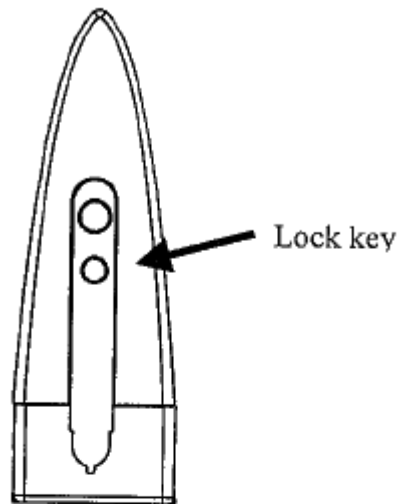
Note : The keys 1, 2, 3, 4, 5 & 6 are those also for !, @, #, \$, % & ^ respectively (may differ in variant language version). They are **not** those also for J, K, L, U, I & O.



- 2.5 Press the "Lock" key on the back of the receiver. The "Lock" LED will light on.

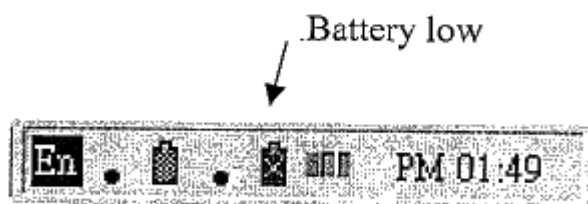
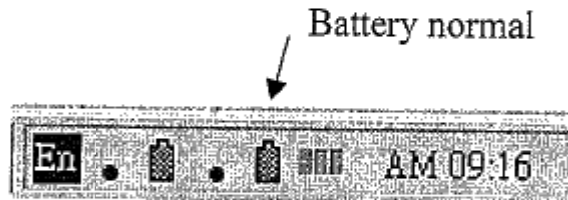
Note : Please remember to lock your channel and ID after selection. This will prevent them from being interfered and changed occasionally while your

colleagues are processing channel/ID selection.



3 Battery replacement

Battery replacement will delete the channel and ID memory. After replacing battery, please follow steps above to select and lock the channel and ID.



Trouble Shooting

- Be sure you have connected the touch pad connector (green color) and keyboard connector (purple color) of RF receiver correctly and firmly onto the computer's mouse PS/2 port and keyboard PS/2 port.
- Be sure you have installed the batteries correctly.
- Avoid putting keyboard and/or receiver on a steel desk. This may shorten transmission distance.
- Avoid putting keyboard and/or receiver within 15 cm from computer or bottom part of monitor which may transmit noise interfering RF transmission.
- Occasionally outside sources or nearby RF wireless device may cause interference and influence your mouse. Please change the channels to achieve best performance.
- Be sure your keyboard is within 6 feet distance from RF receiver.
- Be sure your operating system is MicroSoft Windows 95/98/NT/2000. This wireless RF keyboard and mouse system does not support other operating systems.

Technical Specification

Description & Commodity	Wireless keyboard for computer
Model	FreeBoard 2F
Operation Frequency	27 MHz
Operation Range	6 feet
Switch Life	1,000,000
Power consumption	● <16 mA @ working mode 3 Vdc ● <50 uA @ stop mode at 3 Vdc
Battery life	>6 month
RF output power	<1mW
Power supply	2 * AAA Alkaline battery
Buttons	● 88 key ● 18 multi-media key ● track ball
Channel	6 channel with 4 bit (16) security ID
Receiver power consumption	< 23 mA
System Requirement	IBM PC compatible
Weight	● key board without battery < 750 g ● key board with battery < 780 g ● receiver < 170 g
Storage temperature	-10 ~ 85 °C
Working temperature	0 ~ 40 °C
Remark	● CANNOT be used in Apple or iMac ● Only PS/2 compatible ● Win 95, 98, 2000, NT