Multimedia wireless keyboard with wireless mouse

MANUAL

WARRANTY

PLEASE READ THIS LIMITED WARRANTY CAREFULLY TO UNDERSTAND YOUR RIGHTS AND OBLIGATIONS.

The receipt is considered valid proof of purchase and should be kept in a safe place. This receipt will be required for receiving any warranty service. This limited warranty is extended only to Medion products purchased from Medion or from a Medion authorized dealer. It is extended only to the original purchaser of Medion products, and is not transferable to anyone who subsequently purchases the hardware from the original purchaser.

We warrant to the end user that each product, including related software, accessories, media and supplies, shall be free from defects in materials and workmanship for the warranty time from date of purchase. This warranty covers only those defects that arise as a result of normal use of the product. This warranty does not cover any other problems, including problems that arise as a result of improper maintenance or modification; software, accessories, media or supplies not provided or supported by us; or operation outside the manufacturer's specifications.

Any parts in this device repaired or exchanged by a valid service representative will be covered under the original warranty period. Products shipped without accessories will be returned without accessories. Any replacement product or component may be either new or like new, provided that it's functionality is at least equal to that of the product being replaced.

LIMITATION OF WARRANTY

To the extent allowed by local law, no other warranties or are made with respect to this personal computer or the warranty services by any person, including but not limited to us and our suppliers. The express warranty stated above is the only express warranty made to you and is provided in lieu of all other express or implied warranties and conditions (if any) including any created by any other documentation or packaging. For additional warranty information, please refer to enclosed warranty card.

LIMITS OF LIABILITY

To the extent allowed by local law, except for the obligations specifically set forth in this warranty statement, in no event shall we or our third party suppliers are liable for direct, indirect, special, incidental, or consequential damage, whether based on contract or any other legal theory and whether advised of the possibility of such damages. This includes loss or damage of personal data on your PC.

LOCAL LAW

This warranty statement gives you legal rights. You may also have other rights which vary from jurisdiction to jurisdiction. To the extent this warranty statement is inconsistent with local law, certain disclaimers and limitations of this statement may not apply to the customer.

MAKING COPIES OF THIS MANUAL

This manual contains information protected by law. All rights reserved. Duplicating this information in mechanical, electronic, or any other form, without the written approval by the manufacturer, is prohibited by copyright law.

Table of Contents:

SAFETY AND MAINTENANCE

⇨ Whenever you edit your data, make backup copies on an external data medium (disks, tape). No liability is accepted for loss of data and consequential damages.

⇨ This product is designed to run on a PC/AT (IBM-compatible) computer with PS/2-ports.

⇨ Follow the safety instructions for the computer to which you are connecting the devices.

⇨ Never open up the component housings. This might lead to a short-circuit or even to a fire.

⇨ Never allow children to use electronic devices unsupervised. Children may not always correctly identify potential hazards.

⇨ Arrange the connection set so that no-one can tread on or trip over it.

⇨ Only have the units repaired by an authorized service partner. Please contact customer service if you have any technical problems.

⇨ Remove all power cables before installation. If the computer is not disconnected from the power outlet damage may result. Unless expressly instructed otherwise, only remove and change the connections in the **powered down** state.

⇨ Keep the devices away from moisture and avoid dust, heat and direct sunlight. Ensure an ambient temperature that is suitable for office equipment.

⇨ Before cleaning the devices, remove the cable connection with the computer. Clean the devices and other components with a damp cloth. Do not use any solvents, corrosives or gaseous detergents.

⇨ Position and operate these devices only on a stable, even and vibration-free surface.

⇨ Allow a clearance of at least 50 cm (19.7") from sources of high-frequency and magnetic interference (TV, mobile telephone, infrared devices, loudspeaker cabinets, etc), in order to avoid malfunctions and loss of data. The clearance between the transmitter and the charging/slave station should be greater than 50 cm (19.7").

⇨ When connecting additional or other components the EMC (electromagnetic compatibility) directives must be adhered to. Do not operate the mouse when it is in the charger. The devices are not intended for use in a heavy industry environment.

ERGONOMICS

Medical studies have shown that certain physical ailments and injuries are linked to prolonged and repetitive movements in an unsuitable working environment and to bad working habits. Take frequent breaks when using a computer. If you experience pain, numbness or tingling in your arms, wrists, hands or fingers, consult a doctor.

Remove the power plug of your computer from the power outlet and contact customer service:

- if the connections are grazed or damaged;
- if liquid has entered the device housing;
- if a device does not operate correctly;
- if a device is dropped or the housings damaged.

SAFETY AND MAINTENANCE

FCC COMPLIANCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Shielded interface cables, if any, must be used in order to comply with the emission limits.

CONTENTS

Please check that the contents are complete and please notify us <u>within 14 days of purchase</u>, if any item is missing. The product you have purchased contains:

Wireless receiver with cable set (2 x PS/2 connectors)
Wireless keyboard
Wireless mouse
2 batteries (AAA, 1.5 V)
3 batteries (AA, 1.5 V)
Installation and application software
This user manual

TECHNICAL DATA

Radio mouse	5 keys with control wheel
Keyboard	125 keys
Connections	2 x PS/2 connectors
Battery operated mouse	2 x AAA, 1.5 V batteries
Battery operated keyboard	3 x AA, 1.5V batteries
Standard compliance	FCC

SYSTEM REQUIREMENTS

| Computer	PC/AT-compatible computer (ATX for Sleep, Wake-up, etc.)
Processor power	Pentium 100 MHz or higher
Operating system	Windows® 98SE/ME/2000/XP
RAM	16 MB, 32 MB or more recommended
Hard disk drive	min. 10 MB free space
Installation	CD-ROM drive
Connections	2 PS/2-port

SETTING UP

INSERT BATTERIES IN THE KEYBOARD

1. Turn the keyboard upside down.
2. Remove the battery compartment cover by pushing down on the cover and pulling it in the direction of the arrow.
3. Insert the 3 x AA batteries supplied in the battery compartment of the keyboard. Ensure that the battery poles correspond to the "**+**" and "**-**" markings.
4. Slide the cover back on until it locks into place.

> ➲ If the LED on the keyboard is blinking, it means that the batteries are empty. Replace the batteries and tune, if necessary, the units by pressing the automatic frequency adjustment.

INSERT BATTERIES IN THE CORDLESS MOUSE
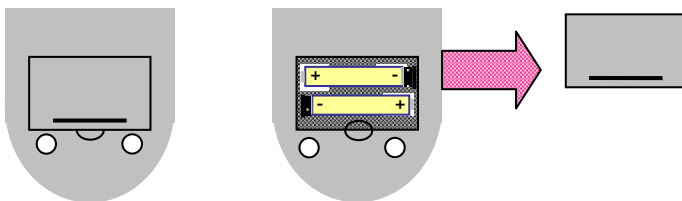
1. Turn the mouse upside down and remove the battery compartment cover by pushing your fingernail into the recess and carefully pushing the cover upwards.
2. Insert the batteries supplied (2 x batteries, type AAA) in the battery compartment of the mouse. Ensure that the battery poles correspond to the "**+**" and "**-**" markings.
3. Slide the battery compartment cover back on until it locks into place.

> ➲ If the mouse wheel is blinking red, it means that the batteries are empty. Replace the batteries and tune, if necessary, the units by pressing the automatic frequency adjustment.

BATTERY DISPOSAL

> ➲ **Important:** Batteries are special waste and must be properly disposed of. Replace batteries only with batteries of the same or an equivalent type.

CONTROLS
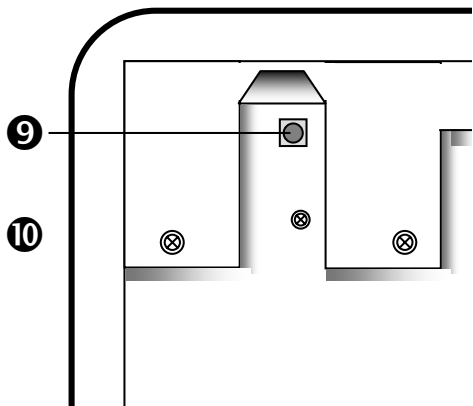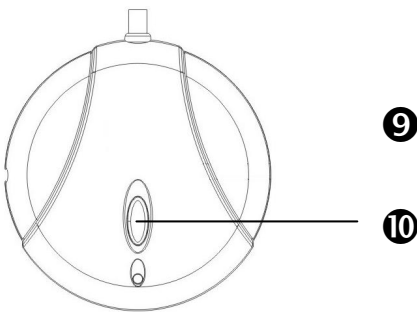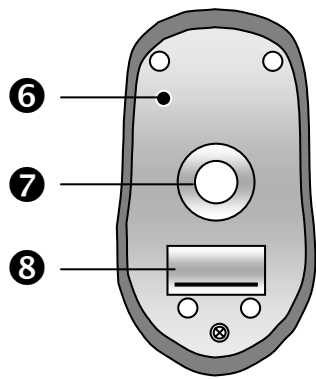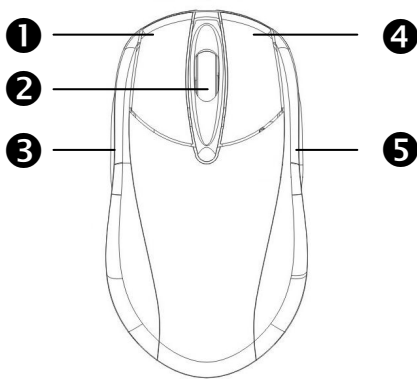
❶	Left mouse button	❻	Mouse frequency adjustment
❷	Mouse wheel and button	❼	Mouse ball
❸	Left mouse additional button	❽	Mouse battery compartment
❹	Right mouse button	❾	Keyboard frequency adjustment
❺	Right mouse additional button	❿	Slave station frequency adjustment

INSTALLING THE SLAVE STATION

1. Please refer to the notes in the "*Safety and maintenance"* section.

2. Switch the computer and all the attached peripherals off (monitor, printer, external modem, etc.) and disconnect from the power outlet.

3. Position the computer with its rear towards you so that it is comfortable and safe to operate.

4. Insert the green PS/2 plug in the corresponding PS/2 socket of your PC. If your PC corresponds to the PC'98 directives, then the socket will have the same colour-coding.

5. Now position the slave station and the mouse at your workplace so that they are comfortable to use (minimum distance between charging/slave station and transmitter of 50 cm / 19.7")

6. Reconnect all peripheral devices.

7. Now restore the power to your computer and then switch on all the required peripheral devices once again.

8. Start the PC. The charging/slave station initializes.

9. Press the automatic frequency adjustment (⓾) in order to tune the units to one another.

10. Turn the mouse and the keyboard over and press the frequency adjustment (❻,❾) with a sharp object (ball-point pen tip, etc.).

11. The tuning is now complete. Turn the mouse and keyboard back over.

INSTALLING THE SOFTWARE

When programs or drivers are installed, important files may be overwritten and changed. You should make a backup of your hard disk in the event of problems, so that you can access the original files following installation.

Under **Windows® 98SE / ME** and **Windows® 2000/XP** you need a mouse driver in order to use or adjust the special functions.

Note: If your operating system is set so that the installation of drivers is only accepted if these have been signed (approved by Microsoft), a dialog appears that says "**Digital signature not found**".
To install the drivers click the "**Yes**" button.

If the installation program does not start when the CD is inserted, you must carry out the installation as follows:

1. Wait until Windows® has fully loaded.
2. Then insert the installation CD in your CD-ROM drive.
3. Open the "*Start*" menu and select "*Run".*
4. Now enter the letter for the CD-ROM drive (here e:) followed by a colon and the "setup" program name:

<div align="center">

e:setup

</div>

5. Click "*OK"* to confirm.
6. Follow the instructions on the screen.
7. Restart your PC.

Once installation is complete, double-click "Mouse" in your Windows Control Panel to configure the mouse to your needs.
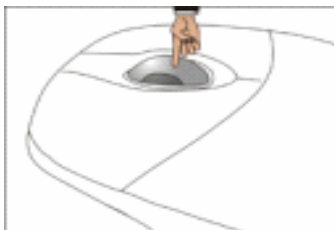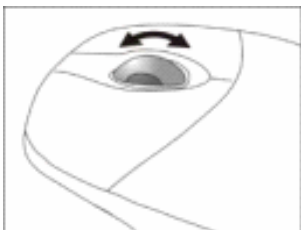
UNINSTALLING THE DRIVER SOFTWARE
In order to remove the device driver from your PC, use "Add or Remove Programs" in your Windows Control Panel.
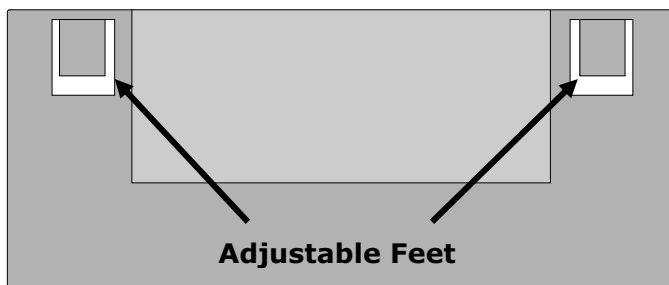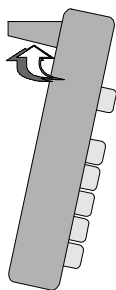
OPERATING THE COMPONENTS

MOUSE WHEEL

1. To scroll, move the wheel.

1. To use the wheel as a button, click as shown in the graphic below.
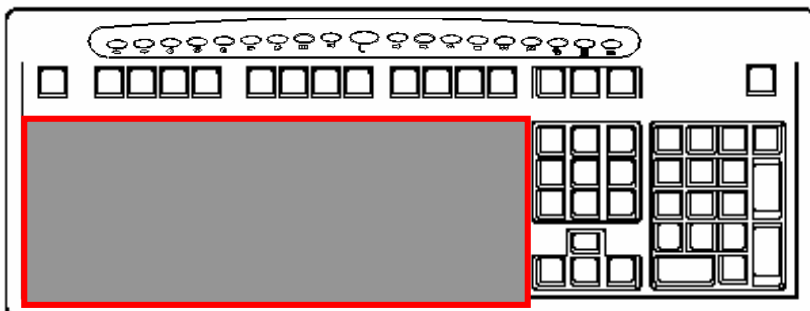

You can configure the mouse by double-clicking the symbol in the taskbar.

THE KEYBOARD

On the base of the keyboard are two folding feet that let you adjust the angle of the keyboard.
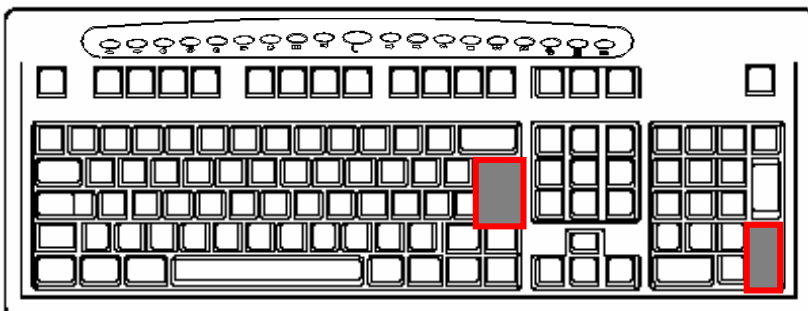

Adjustable Feet

THE QWERTY KEYBOARD

The QWERTY keyboard consists of keys with numeric, alphanumeric and special characters. The keyboard layout is generally the same as that of a typewriter, with some additional keys added for specific computer functions.

THE RETURN KEY

The **RETURN** (or **ENTER**) key is identified by an arrow pointing to the left. Press **ENTER** to confirm preset or manually entered commands. In application programs, such as a word processing program, **ENTER** moves the cursor to the start of the next line. The **ENTER** key in the number pad has the same function as the **RETURN** key.

THE **SHIFT** AND **CAPS-LOCK** KEYS
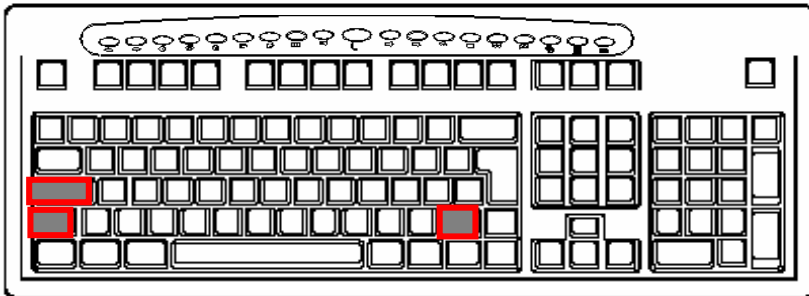
There are two **SHIFT** keys, which are identified by a wide arrow pointing upward. When the **SHIFT** key is pressed, letters entered are shown as capitals. For other keys the characters shown in the top section of the key will be displayed.

The **CAPS-LOCK** key is identified by a wide arrow pointing downward. When this key is pressed it has the same effect as the **SHIFT** key being held down continuously.

The **CAPS-LOCK** function is deactivated by pressing the **SHIFT** key (depending on Operating system).

OPERATING THE COMPONENTS

SPACE, TAB AND BACKSPACE KEYS
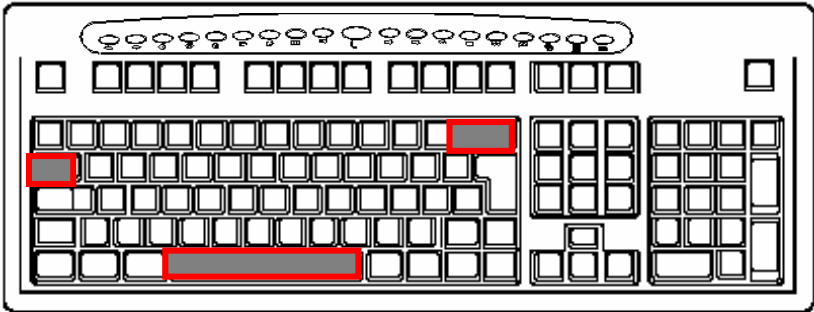
The **BACKSPACE** key is identified by a thin arrow pointing left. When it is pressed the character to the left of the cursor is deleted. If there are any characters to the right of the cursor, then these are moved one space to the left with the cursor.

The **SPACEBAR** is the long, unmarked key on the bottom row of the keyboard. Press it to create a space between characters.

Two opposing arrows identify the Tab key, one on top of the other. In word processing **TAB** normally moves the cursor a certain distance to the right or, when the shift key is pressed simultaneously, to the left. The **TAB** function may, however, vary according to the program used.

THE ALT AND CTRL KEYS
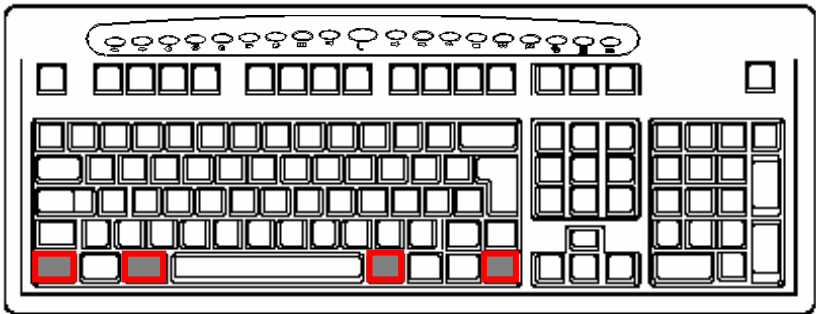

The left **Alt** key performs certain functions in conjunction with other keys. The application program determines these functions. In order to enter a combination of keys that include the **Alt** key, hold the **Alt** key down while pressing the other key. The right **Alt** key operates in a similar way but selects certain special characters. The **Ctrl** key, like the **Alt** key, carries out program functions.

Useful key combinations (software-dependent):

Key Combination	Function and Description
Alt + F4	As a rule ends the program selected or closes the window opened.
Alt + Print screen	Copies the image of the window currently active to the clipboard.
Shift + 2	Generates the @ character required for e-mails (pronounced: at).
Ctrl + Alt + Del	System properties are launched.

CURSOR CONTROL KEYS
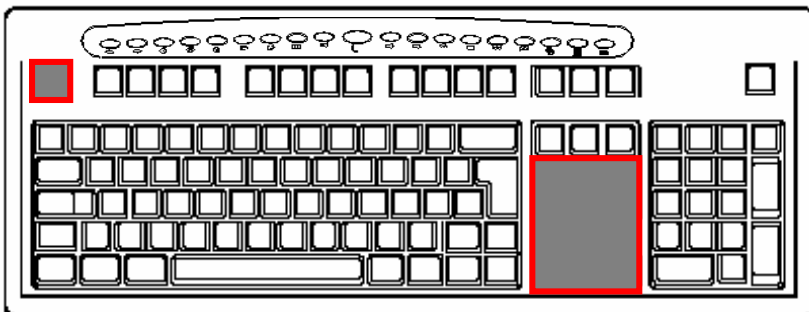
The four **directional keys**, also known as arrow keys, are responsible for controlling the cursor on the screen. The cursor moves in the direction shown on the key.

The **Home** key moves the cursor to the start of a line and the **End** key to the end of the line.

The **Page↓** and **Page↑** keys scroll one page on in the corresponding direction.

The functions described are dependent upon the application program and may differ from program to program. In combination with the control key (**Ctrl**) the cursor control keys may offer additional functions.

The **Insert** key changes the keyboard to the insert character mode. In insert mode the data are entered at the cursor position and all subsequent characters are shifted to the right. The insert mode remains active until the **Insert** key is pressed again.

The **Delete** key removes the character to the right of the cursor. All other characters to the right of the cursor shift one space to the left.

The **Escape** (**ESC)** is used to leave a program or program-specific menu. Its precise function is dependent upon the software used.

THE NUMBER AND CURSOR PAD
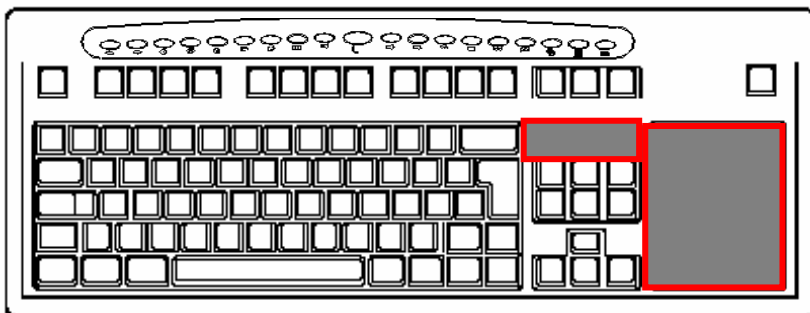
The number pad is used for rapid input of figures and numerical operations. The number pad is not designed for numerical touch-typing. Pressing the **<NUM>** key activates the number pad, otherwise then the cursor pad is active and the key functions are the same as for the control pad.

The **Print Screen** key allows a printout (hardcopy) of the screen content on a printer (where connected). This does not apply, however, to all characters, and no graphics are output to the printer. In addition this key only works under MS-DOS with the corresponding setting. Under Windows the screen is copied as a graphic to the clipboard.

The **Break** key allows data output on-screen to be halted and restarted by the operation of any other key. This is used in the MS-DOS operating system if you wish to output text from the screen that is longer than one screen page. If the <**Break**> key is operated when the **Ctrl** key is pressed, then commands or programs currently being executed, such as screen output, will be interrupted.

The **Scroll** lock key has no function in the MS-DOS operating system. Some Windows software uses this key to freeze the cursor at a certain position. If the key is pressed once, then the Scroll lock function is activated. The function is switched off by pressing the key again.

OPERATING THE COMPONENTS

THE FUNCTION AND WINDOWS KEYS
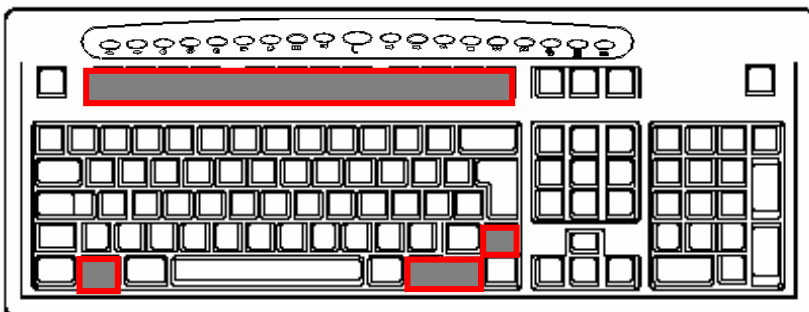
The F1 to F12 keys in the top row of the keyboard are known as *Function keys*. The function keys have no generally applicable function and are assigned differently by each piece of software. Instructions on the assignment of these keys will be found in the manuals of the respective software programs. Help is usually called up via the F1 key.

 The left and right Windows keys (with the Windows banner) are used to call up the Windows opening menu.

Tip: Press this key simultaneously with the **E** key to start **Windows Explorer**; pressing simultaneously with the **Pause** key calls up the **Device Manager** or **System Properties**.

 The Applications key corresponds to clicking the right mouse button. In Windows, for example, this key opens the context menu for the work area.

SPECIAL KEYS AND FUNCTIONS

These keys have **special functions** which can usually only be supported of the corresponding program has been installed and activated. With this program the functions are freely programmable. Click the in the taskbar (or on the control panel) to start the configuration dialog:
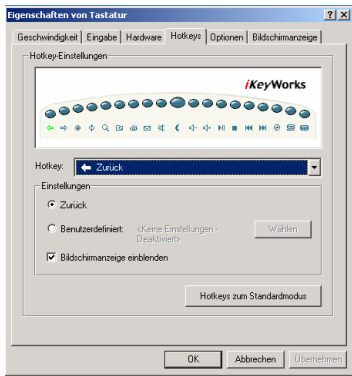
FEATURES OF THE SPECIAL KEYS

Correct operation of the special keys is dependent upon a number of factors:

- Operating system / Configuration

    The special keys call up certain functions of the operating system. Unfortunately, these are not standardized meaning that, for example, a call under Windows®98 will have a different result from one under Windows®2000. This is particularly noticeable in the media player, control keys and sleep functions amongst others.
    So, for example, the control keys in a number of operating systems / configurations only operate if the media player has started, and in other operating systems / configurations only if it has not been started.

    Please check this in your system, as it is impossible to give uniformly applicable instructions.
    Windows®98 does not generally support the powering-down of the PC and placing it in standby mode.

- Motherboard / BIOS

    Operation of the Sleep, Wake and Off special keys requires a motherboard and a BIOS with full ATX-support. If these are not available the keys cannot work correctly, if at all.

- Installed Software and Drivers

    Certain drivers or software can prevent the PC being placed in sleep or standby mode. You can usually find more details on this point in the **NOHIBER.TXT** file located in the Windows directory.

CUSTOMER SERVICE

CUSTOMER SERVICE

WHAT TO DO IN THE EVENT OF MALFUNCTION

Malfunctions can sometimes have very trivial causes, but at times can also be of quite a complex nature and call for an in-depth analysis.

BASIC HINTS

➢ The regular running of the Windows® programs "**Defrag**" and "**Scandisk**" can remove sources of error and raise system performance.

ERROR HANDLING AND TIPS

Start with a careful visual check of all cable links. If the LCD's are not working, make sure that the power is reaching the computer and all peripherals.

➢ Switch the computer off and check all cable connections, you may have connected the mouse and the keyboard the wrong way around. Once you have ascertained that the power supply is not at fault and all connections are intact, switch on the computer again.

➢ Check that the PS/2 ports are active and correctly configured and that there are no resource conflicts with other devices. Please refer to your PC user manual on this point.

➢ Have the batteries been inserted incorrectly or are they spent? Check the polarity (+/-) and exchange them for new ones as necessary.

➢ If you are working on a metal surface, use a screening base. Position the charging/slave station in such a way that a good radio connection is ensured (minimum distance between master and charging/slave station approx. 50 cm / 19.7").

➢ Communications problems: If a number of radio devices interfere with each other when in operation, you can change the channels of the devices. However, the mouse and the keyboard must have the same channels. The slave station recognises the channel automatically. Then you must reinstall the slave station (see page 8).

Channel tuning

Channel tuning

CUSTOMER SERVICE
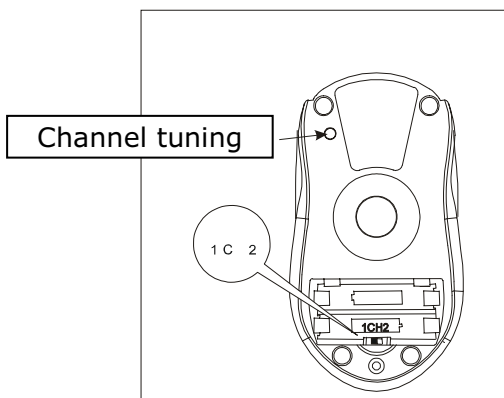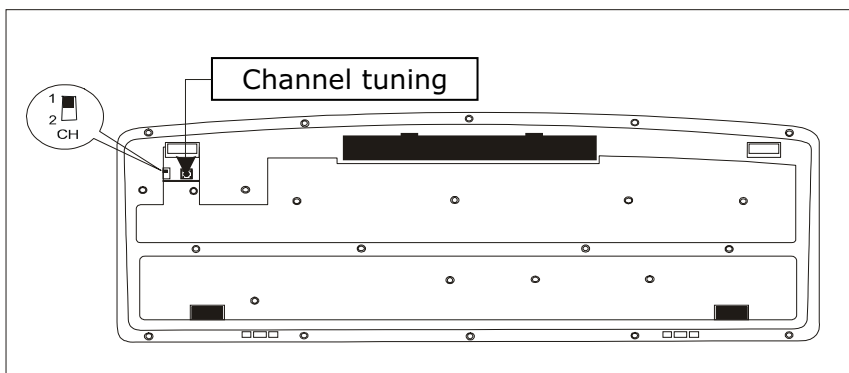
- ➢ The keys **Standby**, **Sleep** and **Wake up** can usually only be used if the driver (Windows® 98/2000) has been loaded and the PC system (ATX) supports them. See also page 19. Has APM or ACPI been disabled in the BIOS? Please refer to your PC user manual. Have the power options under Windows® been correctly set? You can check this in "Power Options" in the Windows Control Panel.
- ➢ The **Fn** key has not been assigned and is reserved for future applications.
- ➢ If the disk drive keys do not work, try starting the **Media player** first by pressing the **Media** key.
- ➢ If the audio CD plays but nothing can be heard, this may be due to a number of causes:
  - The volume for CD playback may be set too low. Double-click the loudspeaker symbol in the taskbar in order to start the mixer and check the volume setting for CD audio.
  - Insert the CD in another CD drive, if you have more than one drive installed.
  - The drive in which the Audio CD has been inserted, is not linked internally with the sound card (possibly the motherboard). Follow the instructions on your PC and check this connection.
- ➢ The Windows calculator cannot be started The program may have been uninstalled. Reinstall the program.
- ➢ Instead of Internet Explorer, the Internet connection wizard is started. You must have configured an Internet link before you can use this function.
- ➢ An Internet or e-mail program other than the one normally used is started. The keyboard starts the programs that are defined as the "defaults". Check these in "Internet Options" in the Windows Control Panel.

TECHNICAL SUPPORT

This program has been extensively and successfully tested in our test laboratory with a number of different devices. It is nevertheless quite normal for the drivers to be updated from time to time. This means, therefore, that problems of compatibility with other, as yet untested, components (programs, devices) may arise. Driver updates and the most up-to-date information on this product can be found at the following Internet address:

🕸 Internet: www.medion.com

IF YOU NEED FURTHER HELP ......

If the suggestions in the above sections have not helped to solve your problem, please contact us. It will help us to help you if you can have the following information available:

- What is your computer configuration?
- What additional peripherals are you using?
- What messages are appearing on the screen?
- What software was running when the fault occurred?
- What steps have you already taken to solve the problem?
- If you already have a customer number, please state this.

CUSTOMER SERVICE