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KORG microKEY Air Blutooth
MIDI Keyboard

KORG microKEY Air Blutooth MIDI Keyboard Owner's Manual

Contents

KORG

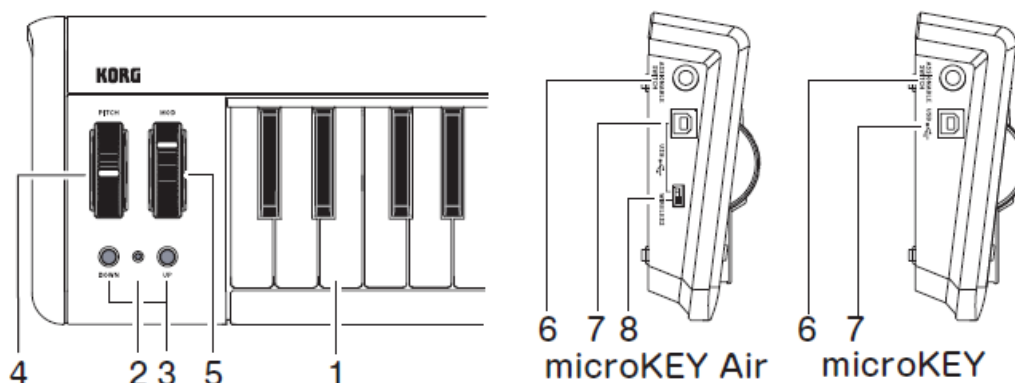## KORG microKEY Air Blutooth MIDI Keyboard

Product Information

- **Specifications**
  - **Product:** Korg microKEY Air/microKEY MIDI

- **Power Supply:** Battery or USB bus power
- **Compatibility:** Computer music environment

- **Precautions**
  - **Before using the Korg microKEY Air/microKEY, please take note of the following precautions:**
    - **Power Supply:** Make sure to turn off the power switch when the unit is not in use. If the unit will not be used for an extended period, remove the battery to prevent leakage.
    - **Interference:** Keep the unit at a suitable distance from radios and televisions to avoid reception interference.
    - **Handling:** Do not apply excessive force to the switches or controls to prevent breakage.
    - **Cleaning:** To clean the exterior, use a clean, dry cloth. Do not use liquid cleaners, benzene, thinner, cleaning compounds, or flammable polishes.
    - **Storage:** After reading the manual, please keep it for future reference.
    - **Foreign Matter:** Avoid placing any liquid containers near the equipment to prevent damage or accidents. Take care to prevent metal objects from entering the equipment.
    - **Unauthorized Changes:** Any unauthorized changes or modifications to the system can void the user's authority to operate the equipment.

- **Compliance Information**
  - **The Korg microKEY Air/microKEY complies with the following regulations:**
    - **FCC Rules:** This device complies with Part 15 of the FCC Rules. It may not cause harmful interference and must accept any interference received.
    - **Industry Canada:** This device complies with Industry Canada license-exempt RSS standard(s). It may not cause interference and must accept any interference.
    - **European Union Directives:** The product meets the requirements of Directive 1999/5/EC. You can view the Declaration of Conformity (DoC) on the Korg website.

- **Disposal Notice (EU only)**
  - If the symbol is displayed on the product, manual, battery, or package, it must be disposed of correctly to avoid harm to human health or damage to the environment.
  - Contact your local administrative body for details on the correct disposal method.
  - If the battery contains heavy metals over the regulated amount, a chemical symbol will be displayed on the battery or battery package.

- **Adjusting MIDI Settings**
  - To use the Korg microKEY Air/microKEY in a computer music environment, you need to adjust the MIDI settings of the host application.
  - Follow the directions provided in the host application's owner's manual to define these settings properly.

Controls

microKEY Air/microKEY Controls

1. **Keyboard**
   - The microKEY Air and microKEY are equipped with velocity-sensitive mini keys.

2. **Power Indicator**
   - **RED:** (microKEY Air/microKEY) Connected using the USB port and receiving power via USB.
   - **BLUE:** (microKEY Air) Waiting to connect (Blinking) or connected (Steady) via a wireless connection.
   - **PURPLE:** (microKEY Air) Indicates the battery level is low when connected via a wireless connection.

3. **Octave DOWN and UP buttons**
   - By transposing the keyboard up or down in one-octave steps, the Octave buttons provide access to the entire note range. Press either Octave button repeatedly to select the desired note range.

Octave shift status	±0	+1/-1	+2/-2	+3/-3	+4/-4(37 key only)
Octave LED color	Unlit	Green	Orange	Red	Blinking red

   TIP Simultaneously pressing the Octave UP and DOWN buttons will reset the Octave shift back to ±0.

4. **PITCH Bend wheel**
   - Use this wheel to send pitch-bending messages and add expression to your performance.
   - The spring-loaded center-zero design allows you to bend the pitch up or down.

5. **MOD wheel**
   - Use this wheel to send modulation messages. The factory default control change number is set to CC#1 (Modulation).

6. **ASSIGNABLE SWITCH jack (Pedal Input)**
   - This standard 1/4" input jack can accept a PS-1 footswitch or DS-1H damper pedal (sold separately). The factory default control change number is set to CC#64 (Damper).
   - When the microKEY Air/microKEY is turned on, the polarity of the connected foot switch is automatically detected.
   - When using the foot switch, connect it before turning on the microKEY Air/microKEY. Do not touch the pedal while turning the microKEY Air/microKEY on.

7. **USB Port**
   - Use this USB-B port to connect the microKEY Air/microKEY to your computer using a USB cable.
   - Connecting the USB Cable will turn the microKEY On. If the Mode Switch (microKEY Air) is set to USB (see below), connecting the USB cable will turn the microKEY Air On.
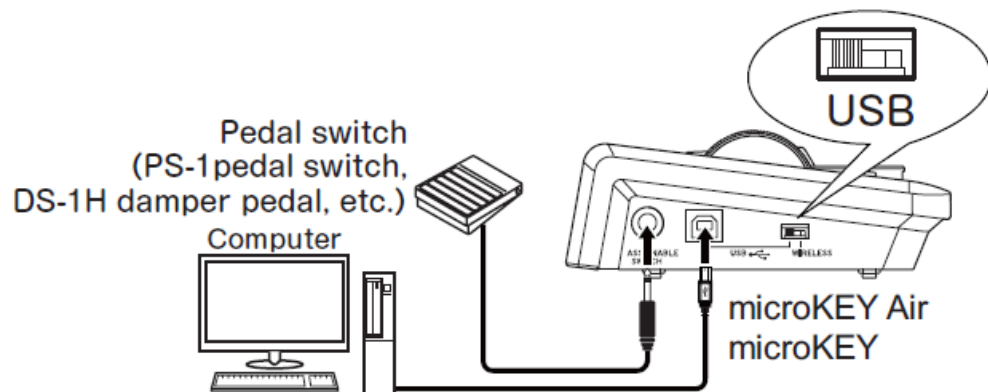
8. **Mode Switch** (microKEY Air only) The microKEY Air can connect to your computer via USB or Bluetooth Wireless.

- **WIRELESS:** The microKEY Air connects to the computer via Bluetooth; power is provided by the internal batteries.
- **USB:** The microKEY Air connects to your computer using the USB cable; power is provided from the computer via USB.

Getting Connected

Getting Connected (Connecting via USB)

Connections and power

1. **Mode Switch (microKEY Air Only)**
   - Set the Mode Switch to USB and continue to Step 2. For the microKEY, skip to Step 2.
2. **Connect the USB Cable**
   - Connect one end of the USB cable to your computer; connect the other end to the USB-B port on the microKEY or microKEY Air. Use only the USB cable provided. Once connected to the computer, the microKEY Air/microKEY will turn On; the Power Indicator LED will glow red.
   - **TIP Windows Users :**
     - When the microKEY Air/microKEY is first connected to your Windows computer, the USB-MIDI driver pre-installed with the operating system will be used automatically. This pre-installed USB-MIDI driver will not allow the microKEY
     - Air or microKEY to access multiple programs or applications at the same time. To remedy this situation, simply download the KORG USB-MIDI driver at **www.korg.com** and install the driver as instructed with the supporting documentation.

Turning off the Power

1. **Disconnect the USB Cable**
   - Disconnect the USB cable from the microKEY Air or microKEY. Once disconnected the Power Indicator will go dark (unlit). microKEY Air users: Set the Mode Switch to USB before disconnecting the USB cable.
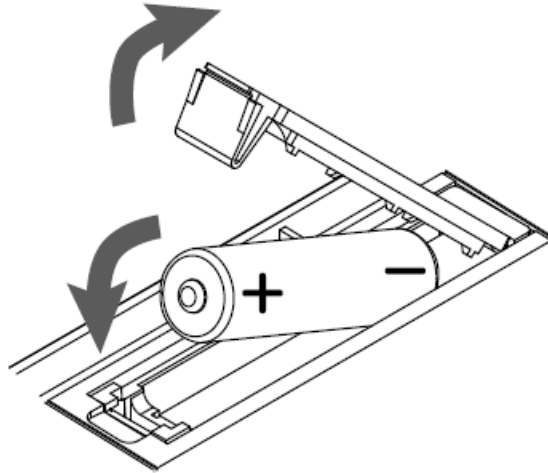
Getting Connected (Connecting via Bluetooth) (microKEY Air only)

- To use the device wirelessly, the device must be running on battery power.
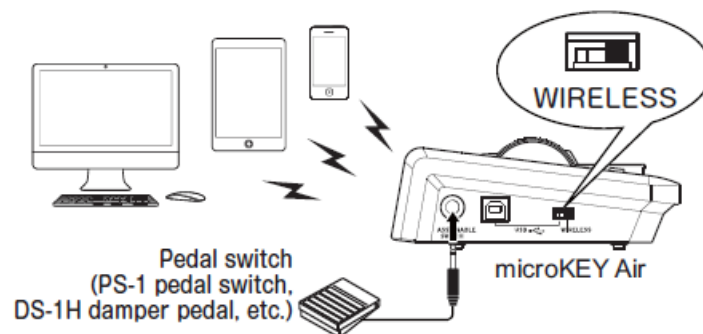
Installing the Batteries

- **Be sure the USB cable is disconnected from the microKEY**
    - The air before proceeding. Open the battery cover on the rear panel and install two AA batteries. Be sure to observe the correct polarity. Finally, close the battery cover.
    - If the microKEY Air encounters an operational error that cannot be cleared or resolved by turning the power On and Off, try removing and re-installing the batteries.

Turning on the power

- Set the Mode Switch to WIRELESS. The microKEY Air will turn on, and the power LED will blink in blue to indicate the connection standby mode.
- Once the connection has been established, the Power Indicator LED will change from blinking to a steady blue light.

Connections

For details on connecting to an iPhone/iPad or Mac, or to a Windows PC, refer to "Bluetooth MIDI Connection Guide." Download the latest version of the "Bluetooth MIDI Connection Guide" from the Korg website (**http://www.korg.com/**).

Turning off the power

1. **Set the Mode Switch to USB.**
    - This will turn off the wireless link and will turn the microKEY Air off; the Power Indicator will go dark (unlit).
    - **MicroKEY Air users:** If your microKEY Air is connected to the computer via USB, placing the switch in the USB position will activate the USB connection, and the unit will not turn off. In this case, you must also

remove the USB cable from the microKEY Air.

Customizing the MIDI Settings

- Easy to use and simple in design, the Korg microKEY Air and microKEY also allow you to access a variety of performance features and operational parameters using the Korg Kontrol Editor software.
- The Korg Kontrol Editor is available as a download directly from **http://www.korg.com/corporate/distributors/** or from **http://www.korg.com/**.

MIDI Channel

- The MIDI channel microKEY Air/microKEY should be set to match the MIDI channel of the software or application being used.

MIDI Channel [1…16]

- This specifies which MIDI channel the microKEY Air/microKEY will use to transmit note messages, pitch bend messages, and other MIDI messages that are sent when you use the MOD wheel, damper pedal, etc.

Keyboard

- In addition to using the Octave UP/DOWN buttons on the front panel, you can also transpose the microKEY Air and microKEY to play in any musical key.
- In addition, the touch response of the keyboard (Velocity Curve) can be adjusted to match your playing style or to create a different effect.

Transpose [-12…+12]

- The Transpose parameter can transpose the pitch of the keyboard up or down in semitone steps. The range is -12 to +12.

Velocity Curve [Curve 1…8 / Const]

- Adjust the velocity curve to determine how keyboard dynamics will affect the output level.
- There are eight Velocity Curves to choose from; you can also select any fixed velocity—ideal for replicating organs, harpsichords, and other instruments that lack keyboard dynamics.

1	Heavy	Requires a strong strike to produce the maximum effect.
2			A curve that's closer to normal than 1.
3		A curve that's closer to normal than 2.
4	Normal	A normal curve.
5		Allows even soft strikes to produce an effect.
6		A curve that allows even softer strikes than 5 to produce an effect.
7			Allows medium-strength strikes to produce a constant but less dynamic effect.
8	Light	A curve that is flatter than 7.
Const	–	The velocity value will always be constant.

Const Velocity Value [1…127]

- If Const (Constant Velocity) is selected as the Velocity Curve, then this parameter will be available to set the Constant Velocity Value. Every note will play with the same MIDI value selected here.

Mod Wheel

- By default, the MOD wheel is set to MIDI CC#1 (Modulation Amount).
- These parameters allow you to change this CC#, plus you can set upper and lower values for the Modulation.
- In addition, the Function of the MOD wheel can be completely disabled.

Wheel Enable [Disable/Enable]

- When set to Disable, the wheel will not transmit any MIDI messages.

Control Change Number [0…127]

- You can select any MIDI CC#, allowing the MOD wheel to control nearly any MIDI parameter.

Upper Value [0…127]

- This parameter specifies the value of the CC message that is transmitted when the wheel is pushed up.

Lower Value [0…127]

- This parameter specifies the value of the CC message that is transmitted when the wheel is pulled down.

Assignable Switch

- By default, the ASSIGNABLE SWITCH jack is set to MIDI CC#64 (Damper). These parameters allow you to

change this CC#, plus you can set the polarity of the pedal, or allow the microKEY Air/microKEY to detect the polarity automatically.

Control Change Number [0…127]

- You can select any MIDI CC#, allowing an attached pedal switch (sold separately) to control nearly any MIDI parameter.

Polarity [Auto/-/+]

- **AUTO:** When the microKEY Air/microKEY is turned on, the polarity of the foot switch is automatically detected.
- **-, +:** Choose one of these values to specify the polarity manually.

Wireless (microKEY Air only)

- **Auto Power Off [Disable/Enable]**
  - When Auto Power Off is set to Enable, the microKEY Air will automatically turn off if no operations are performed after 4 hours.
  - To turn the microKEY Air back on after the Auto Power Off function has turned it off, set the Mode Switch to USB, and then return it to the WIRELESS position.
- **Battery Type [Alkaline/Ni-MH]**
  - Set this parameter to match the type of batteries installed in the microKEY Air.
  - Select "Ni-MH" when using nickel-metal hydride batteries, or "Alkaline" when using alkaline batteries.
- **Device Name**
  - This parameter allows you to specify the name (up to 25 alpha-numeric characters) that will appear on the Bluetooth-enabled device when setting up a wireless link.
  - These settings will be applied the next time that the microKEY Air is turned off, then on again.

Restoring the Factory Settings

- During a USB connection, to restore all of the microKEY Air/microKEY parameters back to their original factory values, hold down both the Octave UP and Octave DOWN buttons while turning the power on.
- The process of restoring the factory settings will take several seconds after you turn on the power. You must not turn off the power during this time.
- The factory settings cannot be restored during a wireless connection.

Troubleshooting

Here is a quick guide to resolving some common issues.

- **microKEY Air/microKEY will not turn on**
  - When used in the wireless mode, the microKEY Air is powered by two AA batteries. Be sure the batteries have been installed correctly.
  - The microKEY may not receive enough power from a non-powered (passive)

USB hub. In this case, switch to a powered (active) USB hub, or simply connect the microKEY directly to the computer.

- **The microKEY Air cannot establish a wireless link (microKEY Air only)**
    - Verify that your computer or iPhone/iPad is compatible with Bluetooth 4.0.
    - Verify that the operating system for your computer or iPhone/iPad is compatible with Bluetooth Low Energy MIDI. Compatible operating systems are Mac OS X Yosemite or later, Windows 8.1 or later (KORG BLE-MIDI
- **Driver is required), and iOS 8.0 or later Software programs do not respond**
    - Confirm that the microKEY Air/microKEY is selected in the MIDI port settings of the application that you're using.
    - In certain cases, the selected application may not support a specific function.
    - Please check the owner's manual of your host application.
- **The pedal operation is reversed**
    - The polarity of the connected footswitch is automatically detected when the power is turned on. Be sure the pedal is connected BEFORE the power is turned on, and do not touch the pedal while turning the microKEY Air/ microKEY on.
- **The keyboard does not respond to keyboard dynamics**
    - Verify that the Keyboard Velocity Curve is not set to Const. (Constant Value).

Specifications

- **Wireless method (microKEY Air):** Bluetooth Low Energy
- **Connectors:** USB-B connector (for computer connection) ASSIGNABLE SWITCH jack
- **Power supply:** USB bus power mode (for a USB connection) Two AA batteries (for a wireless connection) (microKEY Air)
- **Battery service life (microKEY Air):** Approximately 20 hours (when using alkaline batteries)
- **Current consumption:** 100 mA or less
- **Dimensions(W×D×H):**
    - 33.46×5.47×2.13 inches / 850×139×54 mm
    - (MICROKEY2-61AIR / MICROKEY2-61)
    - 27.91×5.47×2.13 inches / 709×139×54 mm
    - (MICROKEY2-49AIR / MICROKEY2-49)
    - 22.24×5.47×2.13 inches / 565×139×54 mm
    - (MICROKEY2-37AIR / MICROKEY2-37)
- **Weight:** 3.75 lbs. / 1.7 kg (MICROKEY2-61AIR / MICROKEY2-61)
    - 3.09 lbs. / 1.4 kg (MICROKEY2-49AIR / MICROKEY2-49)
    - 2.20 lbs. / 1.0 kg (MICROKEY2-37AIR / MICROKEY2-37)
- **Included items:** USB cable, Owner's manual

Operating requirements

Operating requirements (USB connection)

- **Windows:** Microsoft Windows 7 SP1 or later (32bit/64bit).

- **Mac:** OS X Mountain Lion 10.8 or later. Operating requirements (WIRELESS connection)(microKEY Air)
- **Windows:** Computer installed with Microsoft Windows 8.1 or later and compatible
- **with Bluetooth 4.0** (KORG BLE-MIDI Driver is required)
- **Mac:** Mac installed with OS X Yosemite 10.10 or later and compatible with Bluetooth 4.0
- **iOS:** iPhone/iPad installed with iOS 8 or later and compatible with Bluetooth 4.0
- Keyboard functionality is not guaranteed with all computers that satisfy these system requirements.
- Specifications and appearance are subject to change without notice for improvement.

Precautions

- **Location**
  - Using the unit in the following locations can result in a malfunction.
  - In direct sunlight
  - Locations of extreme temperature or humidity
  - Excessively dusty or dirty locations
  - Locations of excessive vibration
  - Close to magnetic fields
- **Power supply**
  - Be sure to turn the power switch to OFF when the unit is not in use. Remove the battery in order to prevent it from leaking when the unit is not in use for extended periods.
- **Interference with other electrical devices**
  - Radios and televisions placed nearby may experience reception interference. Operate this unit at a suitable distance from radios and televisions.
- **Handling**
  - To avoid breakage, do not apply excessive force to the switches or controls.
- **Care**
  - If the exterior becomes dirty, wipe it with a clean, dry cloth. Do not use liquid cleaners such as benzene or thinner, cleaning compounds, or flammable polishes.
- **Keep this manual**
  - After reading this manual, please keep it for later reference.
- **Keeping foreign matter out of your equipment**
  - Never set any container with liquid in it near this equipment. If liquid gets into the equipment, it could cause a breakdown, fire, or electrical shock. Be careful not to let metal objects get into the equipment.

FCC

THE FCC REGULATION WARNING (for USA)

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, under Part 15 of the 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 per 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 the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

If items such as cables are included with this equipment, you must use those included items. Unauthorized changes or modifications to this system can void the user's authority to operate this equipment.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter. This device complies with Part 15 of the FCC Rules.
Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

CAN ICES-3 B / NMB-3 B
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). This device complies with Industry Canada license-exempt RSS standard(s).

Operation is subject to the following two conditions:

1. this device may not cause interference, and
2. this device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE).

European Union Directives Conformance Statement

- Korg Inc. hereby declares that the product meets the requirements of Directive 1999/5/EC.
- You can view the Declaration of Conformity (DoC) to Directive 1999/5/
- EC in the Owner's Manual of this product posted on the Korg website(**www.korg.com**).

Notice regarding disposal (EU only)
If the symbol is shown on the product, manual, battery, or package, you must dispose of it correctly to avoid harm to human health or damage to the environment. Contact your local administrative body for details on the correct disposal method. If the battery contains heavy metals over the regulated amount, a chemical symbol is displayed below the symbol on the battery or battery package.

DECLARATION OF CONFORMITY

DECLARATION OF CONFORMITY (for USA)

- **Responsible Party:** KORG USA INC.
- **Address:** 316 SOUTH SERVICE ROAD, MELVILLE

- **Telephone:** 1-631-390-6500
- **Equipment Type:** BLUETOOTH MIDI KEYBOARD/COMPACT MIDI KEYBOARD
- **Model:** microKEY Air / microKEY

This device complies with Part 15 of FCC Rules.
Operation is subject to the following two conditions:

1. This device may not cause harmful interference,and
2. this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTICE TO CONSUMERS

- This product has been manufactured according to strict specifications and voltage requirements that are applicable in the country in which it is intended that this product should be used.
- If you have purchased this product via the Internet, through mail order, and/or via a telephone sale, you must verify that this product is intended to be used in the country in which you reside.

WARNING:

- Use of this product in any country other than that for which it is intended could be dangerous and could invalidate the manufacturer's or distributor's warranty.
- Please also retain your receipt as proof of purchase otherwise your product may be disqualified from the manufacturer's or distributor's warranty.
- Apple, iPad, iPhone, Mac, iOS, and OS X are trademarks of Apple Inc., registered in the U.S. and other countries.
- Windows is a trademark of Microsoft Corporation in the U.S. and other countries.
- Bluetooth is a registered trademark of Bluetooth SIG, Inc.
- All product names and company names are the trademarks or registered trademarks of their respective owners.

Thank you for purchasing the Korg microKEY Air/microKEY. To use this product in a computer music environment, you'll need to adjust the MIDI settings of the host application. Please follow the directions in the host application's owner's manual to difine these settings.

- MICROKEY2-61AIR
- MICROKEY2-49AIR
- MICROKEY2-37AIR
- MICROKEY2-61
- MICROKEY2-49
- MICROKEY2-37

Documents / Resources

KORG microKEY Air Blutooth MIDI Keyboard [pdf] Owner's Manual
microKEY Air Blutooth MIDI Keyboard, microKEY, Air Blutooth MIDI Keyboard, Blutooth MIDI Keyboard, MIDI Keyboard, Keyboard

References

- **Distributors | KORG (USA)**
- **KORG (USA)**
- **KORG (USA)**
- **Manual-Hub.com - Free PDF manuals!**
- **User Manual**