

biocomfort

Wireless Gateway USB105



User Manual
Printed in Germany

Wireless RF Gateway
Model USB105
Part no. 590086
User Manual

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Contents of Package

- Wireless RF Gateway USB105
- CD ROM
- User manual
- Biocomfort Limited Product Warranty
- Biocomfort End-User License Agreement

Info at www.biocomfort.com

For help getting started or any questions you may have, please do not hesitate to give us a call at 1-866-294-8267 (available from 9 a.m. to 5 p.m. Monday through Friday EST)

1 Safety Information

Dear Customer,

we are pleased that you have chosen this Biocomfort product.

Please read these safety and operation instructions before using this Biocomfort product or any accessories provided with this product or allowing any other person to use this product. When using this Biocomfort product, these basic safety precautions and warnings must be followed to reduce the risk of injury to your person and health, the risk of damage to the Biocomfort product and the risk of injury or damage to other persons or property. Retain all safety, operating and use instructions for future reference.

If you allow any other person to use this product, you must ensure that the person has

received and read and understands this user manual, including in particular the safety instructions herein.

Keep this user manual in close proximity to the equipment.

All warnings on the product and in the user manual must be strictly adhered to. You are responsible to ensure that any other person using this product adheres to these warnings and instructions.

All operating, use and assembly instructions must be followed by you. Failure to do so could result in health injury, bodily harm and/or damage to the equipment or other property.

The product is only intended for use as described in this manual.

1.1 Intended use

The Wireless RF Gateway USB105 is designed to manage wireless networks of Biocomfort devices such as a blood pressure monitor, a blood glucose monitor or a diagnostic scale, to configure these devices and to receive the readings measured with these devices.



1.2 Warnings

The symbols below identify and alert the user to the presence of important safety, operating, and service instructions.

WARNING:

Indicates that non-compliance with the safety instructions may lead to health injury or bodily harm of the user or other persons.

CAUTION:

Indicates that non-compliance with the safety instructions may lead to damage to the product or other property and/or to bodily harm of the user or other persons.

WARNING:

This product is only intended for adults, not for children or infants. Do not allow any child or infant to use this product.

WARNING:

This product contains one or more chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

CAUTION:

Do not open, disassemble or tamper with the product in any way. Opening the device automatically cancels all warranties. If you have technical or troubleshooting questions, please contact us via web, email and phone.

CAUTION:

Never push objects of any kind into the product or accessories through openings as

this action might short-circuit parts and result in a fire or electric shock.

Do not locate or use the product or accessories near water (for example, near a bathtub or a sink, in a wet basement, or near a swimming pool). Never immerse the product in any liquid and never spill liquid of any kind on the equipment or cables or cords.

CAUTION:

Do not use liquid, aerosol cleaners, or solvents on or near the product or any accessory. Clean only with a dry cloth. Disconnect any cables from the computer and before cleaning either the product or any accessory.

CAUTION:

This product should never be placed near or over a radiator or heat register.

CAUTION:

Do not use mobile phones, microwave ovens or other instruments that emit an electromagnetic field near this device as they may cause this device to malfunction.

CAUTION:

Use only with Biocomfort parts and accessories with this device.

Parts and accessories not approved by Biocomfort for use with this device may damage the unit.

CAUTION:

Do not activate or use the wireless device where the use of wireless devices (e.g. phones) is prohibited or when it may cause interference or danger.

CAUTION:

The wireless device may not work properly if it is near a wireless device or equipment that has not been approved by or does not comply with the regulations of the Federal Communications Commission (FCC). Any such device or equipment may interfere with the operation of the Biocomfort wireless device.

CAUTION:

Do not use the wireless device in hospitals or near other medical equipment or devices that is not manufactured by Biocomfort. Follow any restrictions imposed by hospitals on the use of wireless devices.

CAUTION:

Do not use the wireless device on aircraft. Wireless devices can cause interference in aircraft. Follow instructions by authorized aircraft personnel.

WARNING:

Do not use the wireless device at a refueling point. Do not use near fuel or chemicals.

WARNING:

Do not use the wireless device near blasting. Follow any restrictions. Do not use the device where blasting is in progress

WARNING:

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

2 Using the Wireless RF Gateway for the first time

Caution:

Please install the software before you connect the wireless gateway with the computer.



2.1 Minimum System requirements

- Windows® 2000/XP/Vista
- PC min. 400 MHz or higher
- USB 1.1 or higher
- CD-ROM drive

2.2 Installing the software

As the Wireless RF Gateway can be part of various Product Packages the installation of the drivers for the USB105 may be different from case to case. Therefore please refer to the software installation instructions of the package the USB105 came with.

3 Technical Data

Power Supply

Operating Voltage	5 VDC
Operating current	48 mA at 3 VDC

Radio

Operating frequency	2.4 GHz
Transmit power	0 dBm (max. EIRP)
Receive sensitivity	-85 dBm (typ.)
Range (Line of Sight)	max. 20 m
Data rate	250 kbps
FFC ID:	VUB590086

PC interface

Type	USB 1.1
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Mechanical data:

Dimension (L x W x D)	3,54" x 1,38" x 0,47"
Weight	0.8 oz.

Operating conditions

Temperature range	32 °F ... 104 °F
Rel. Humidity	20 % ... 85 %
No mechanical shocks or vibrations.	

Storage and transport conditions

Temperature range	-4 °F ... 140 °F
Rel. Humidity	10 % ... 95 % (no condensation)

4 Electromagnetic Compatibility

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

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to 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 in accordance with the manufacturer's instructions, may cause interference harmful to radio

communications. There is no guarantee, however, 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 to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or TV technician for help.

Warning:

Changes or modifications to this unit not expressly approved by the party responsible

for compliance could void the user's authority to operate this equipment.

EU Regulatory Conformance:

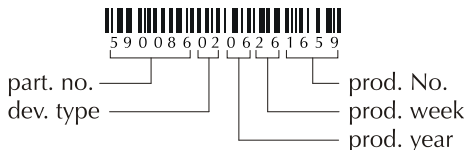
Biocomfort hereby declares that the Wireless RF Gateway USB105 is in compliance with the essential requirements and other relevant provisions of EMC-Directive 89/336/EEC and R&TTE-Directive 1999/5/EC. The Declaration of Conformity is available for viewing at the following location in the EU Community:

Biocomfort Diagnostics GmbH & Co. KG
Bernhaeuser Strasse 17
73765 Neuhausen a.d.F.
Germany

5 Symbols and abbreviations

On the device, packaging material and in the operating manual you will find the symbols shown below with the following meanings:

The serial number of the device is composed as follows and can be found under the barcode.



Please follow the operating manual

REF

Part/Order number

FCC ID

FCC registration number



CE symbol



Symbol for separate collection of electric and electronic devices (EU only)



FCC symbol

SN

Serial number

6 Limited Product Warranty Information

This product (other than the software and documentation) is subject to the Biocomfort One-Year Limited Warranty separately included herewith and also available from Biocomfort or any authorized Biocomfort dealer or from Biocomfort's website at <http://www.biocomfort.com/support>.

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