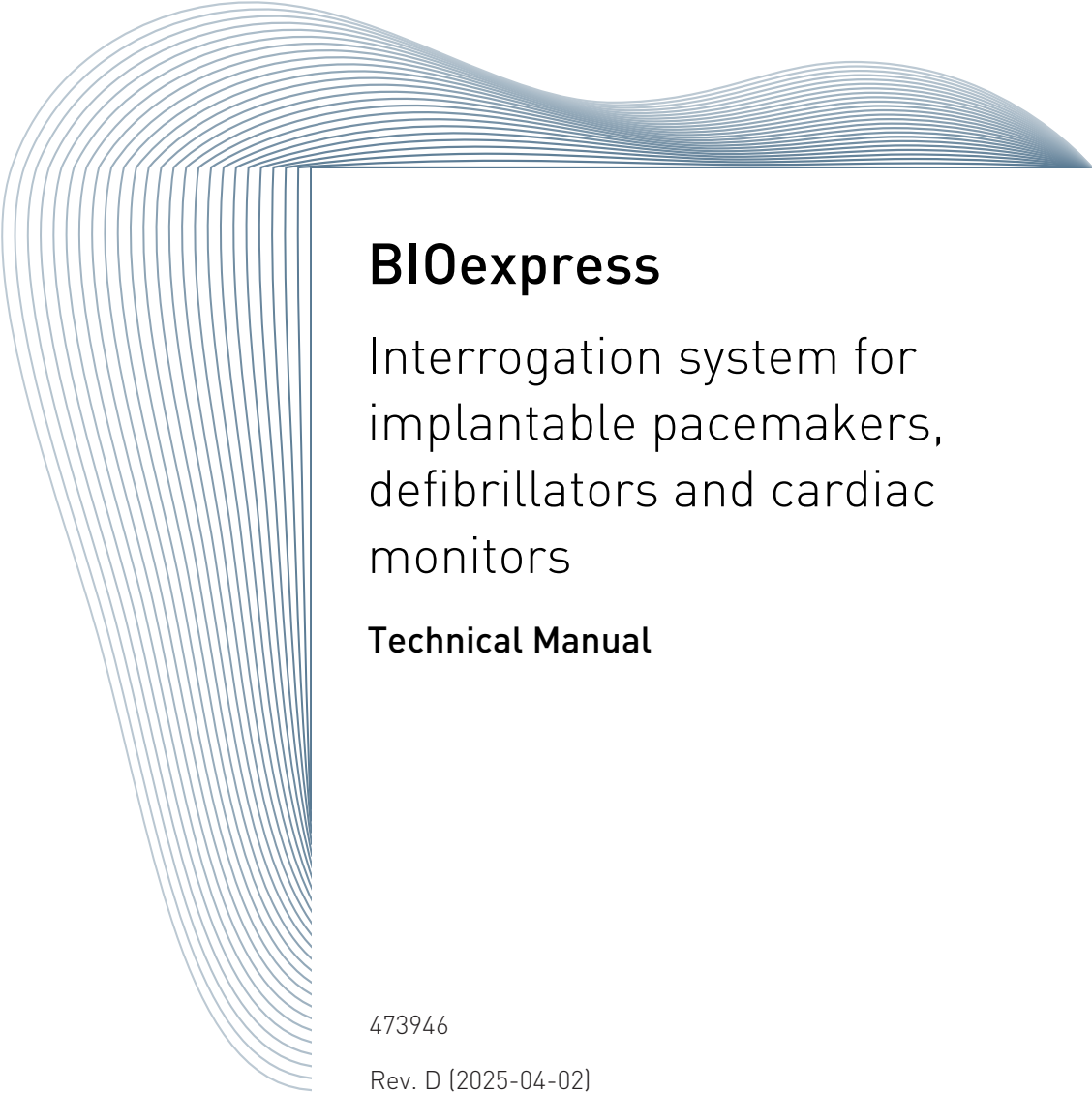




BIOexpress

Interrogation system for
implantable pacemakers,
defibrillators and cardiac
monitors

Technical Manual

473946

Rev. D [2025-04-02]

R_x
only

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1 About this Technical Manual

Technical manuals are either included in hard copy form in the storage package or available in digital form on the internet: <https://manuals.biotronik.com>.

1. Consult all relevant technical manuals.
2. Keep the technical manuals for future reference.

Conventions

Identification of Safety Warnings

The following symbol draws attention to potential safety risks:



Follow all safety warnings indicated by this symbol to avoid possible serious or fatal injury or damage to the system.

Safety warnings are also indicated by a signal word.

- **DANGER:** Non-compliance may immediately lead to severe injury or death.
- **WARNING:** Non-compliance leads to a potentially dangerous situation that can cause severe injuries or death.
- **Caution:** Non-compliance leads to a potentially dangerous situation that can cause moderate injuries.
- **Attention:** Non-compliance leads to a potentially dangerous situation that can cause minor injuries and/or material damage.

Typographical Conventions

The following typographical conventions are used in this technical manual:

Instructions

The individual steps of an instruction are numbered. Prerequisites, intermediate results, and results may be specified.

Prerequisite

- This is a prerequisite.
1. Step
 2. Step
 - Intermediate result
 3. Step

Result

This is the result.

Cross references

Cross references are indicated using "see" or "see also".

Highlights

Text that needs to be highlighted is shown in **bold**.

Figures

Figures that show the product or the user interface are used for illustration. The details shown in the figure may differ from that of the delivered product or your software version.

Gender

If personal designations are used only in the male or female form for reasons of better readability, this expressly includes all other gender identities.

2 Product Description

Intended Purpose

BIOexpress enables healthcare professionals to conduct interrogations of implanted devices at various points-of-care without the need for staff trained with programming devices to be present. It allows the interrogation of device data from implanted BIOTRONIK IPGs, ICDs, or ICMs. The interrogated data is provided as a report to a BIOTRONIK representative.

BIOexpress provides contact information for healthcare professionals to call and request assistance from BIOTRONIK representatives for a technical assessment of an implanted device to support clinical workflows.

Indications and Contraindications

BIOexpress is indicated for use with all supported BIOTRONIK IPGs, ICDs and ICMs.

There are no separate indications or contraindications for BIOexpress, they are identical to the indications and contraindications of the implantable device.

Part of the Body Applied or Interacted With

BIOexpress interacts with the body of the patient via

- the wand applied to the intact skin of a patient,
- the wand in a sterile cover applied to the patient (no direct contact to the skin due to the sterile cover),
- the cable between the wand and the controller.

Expected Longevity

BIOexpress is designed for a supported longevity of at least 5 years.

Patient Target Group

BIOexpress is intended to be used with patients who have received a compatible IPG, ICD, or ICM. The patient population is identical to the population of these implantable devices.

Intended Conditions of Use

Application Environment

BIOexpress can be used in the following locations:

- In an emergency room.
- In a patient care area in a hospital.
- In a follow-up room or catheter lab in a hospital.
- In a physician's office.

The use of BIOexpress in oxygen rich environments is not permitted.

BIOexpress has either a fixed location (e.g., shelf in an emergency room) or is moved between different locations. It is usually carried or transported in a protective case.

Frequency of usage can be as little as once a month and up to several hours per day. On average, BIOexpress is used an hour a day.

Intended User

BIOexpress is intended to be used by the following user group:

- Healthcare professionals (e.g., nurses, physicians, hospital technicians, general practitioners).

The following user group is involved in the workflow:

- Remote consultants (BIOTRONIK employees, e.g. field representatives).

For all addressed healthcare professionals, the following applies:

- They have not necessarily been trained on implantable devices.
- They may not have access to a BIOTRONIK programmer and/or may not be familiar with programmers.
- They have access to a manual, quick user guide, or similar that describes how to use BIOexpress.

For all addressed remote consultants, the following applies:

- They are familiar with BIOTRONIK implantable pacemakers (IPGs), implantable cardioverter defibrillator (ICDs), or implantable cardiac monitors (ICMs).
- They are familiar with the use of BIOTRONIK programmers.

Frequency and Duration of Application

BIOexpress focuses on the following functions:

- Interrogation of implant data by a healthcare professional.
- Transmission of the interrogated data in report format to a remote consultant.
- Providing information to the healthcare professional on how to contact a remote consultant to receive a technical assessment of the implanted device.

The frequency of the application varies for different clinics and is dependent on individual clinical workflows, guidelines and user groups. The duration of an application can be up to 30 minutes.

Compatibility

BIOexpress is compatible with a wide variety of BIOTRONIK implantable devices. These include implantable pulse generators (IPGs), implantable cardioverter defibrillators (ICDs), implantable devices for cardiac resynchronization therapy (CRT), and implantable cardiac monitors (ICMs).

The complete list of supported devices can be found under List of Supported Implanted Devices [Page 21].

3 Safety

Caution

Limitations of Remote Assistance

- Medical and therapeutic decisions are to be made by the healthcare professional.
- The remote consultant provides a technical review only.
- A report must be requested by the healthcare professional.
- The remote consultant and the report do not provide a patient diagnosis and should not be considered as medical advice.

Attention

Functional Impairment due to Incorrect Installation

Malfunction can be caused by hazardous environmental conditions.

- Protect BIOexpress and its accessories from the accidental ingress of liquids and condensation.
- Keep a minimum distance of 30 cm (12 inches) between BIOexpress and other radio equipment.
- BIOexpress is MR Unsafe. Do not bring it into an MRI Zone 4 (MRI scanner room).

Defibrillation

BIOexpress is defibrillation protected. During defibrillation, do not touch the patient or the attached accessories. Otherwise, there is a danger that you may suffer an electrical shock. The device's recovery time after defibrillation is 5 seconds.

Data Security

Please note the following data security measures when using BIOexpress:

- Wireless communication between BIOexpress and the BIOTRONIK network infrastructure includes multiple levels of encryption to protect patient and clinician data.
- Use only wireless access points (Wi-Fi) that are secure (at least WPA2 security standard).
- Protect your BIOexpress against unauthorized access.
- Lock BIOexpress when you are not using it.
- If your BIOexpress is lost or stolen, contact BIOTRONIK.

Electromagnetic Interference

Possible Electromagnetic Interference

BIOexpress is protected against electromagnetic interference and electrostatic discharges when used in the vicinity of high-frequency surgical instruments. The interference emitted by the device has also been reduced to a minimum in this specialized environment. BIOexpress meets all requirements of IEC 60601-1-2, Table 4 through Table 9 and 8.11.

Classification	
Radiated Emission CISPR 11	• Group 1 • Class B
Conducted Emission CISPR 11	

**WARNING****Electromagnetic Interference through Using Portable RF Communication Equipment**

Operating portable RF communication devices (including peripheral devices such as antenna cables and external antennae) within proximity of 30 cm (12 inches) of BIOexpress can impair its performance. This applies even when using cables specified for this device.

- Keep portable RF communication devices at least 30 cm (12 inches) away from BIOexpress.

**WARNING****Risk of Electromagnetic Interference**

The use of BIOexpress close to or stacked with other devices should be avoided, as this may lead to incorrect operation.

- Where usage in such a manner is unavoidable, you should monitor BIOexpress and the other device(s) to ensure correct operation.

Strong electromagnetic interferences that occur in the close vicinity of electrical motors, power cables, PCs, monitors or other – possibly defective – electrical devices may compromise the function of BIOexpress in certain cases.

This kind of malfunction should be considered as a possible cause if the following is observed:

- BIOexpress switches on by itself.
- BIOexpress displays other inexplicable behaviors

Correct operation of BIOexpress can be restored by the following methods:

- Switch off the interfering electrical device.
- Remove the source of interference from BIOexpress.
- Switch BIOexpress off and on.

If the interference continues, contact BIOTRONIK.

4 First Steps

Check the Package Contents

The product package includes BIOexpress with power cable and the quick guide in a carrying case. BIOexpress itself comprises the controller and the wand, connected with a cable.

Check the carrying case and the content for any visible damage.



Attention

Functional Impairment due to Damage

Malfunction can be caused by mechanical impact, i.e., from dropping BIOexpress.

- Prior to use, check BIOexpress for any visible damage and use it only when it is intact.



Attention

Functional Impairment due to Wrong Power Supply

Malfunction can be caused by connecting the wrong external power supply.

- Only use components delivered with BIOexpress and authorized by BIOTRONIK for your own safety.



Attention

Functional Impairment due to Condensation

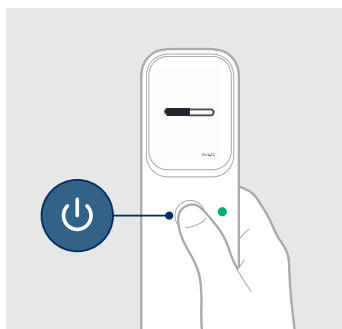
When BIOexpress undergoes significant changes in temperature (for example, when transporting it from a cold environment to a warm one) condensation can occur on or inside BIOexpress and permanently damage the electronics.

- Allow BIOexpress to acclimatize to the new ambient condition by waiting for any condensation to evaporate before powering on BIOexpress.

How Do I Turn On BIOexpress?

BIOexpress is supplied ready for use, and you can operate it immediately by turning it on. However, it is recommended to charge it before you use it for the first time, see Charging [Page 16].

Press and hold the key on BIOexpress to turn it on.



Upon powering on BIOexpress, a self-test that lasts a few seconds will be conducted. During this self-test, BIOexpress connects to the Internet (either via Cellular or Wi-Fi network). When the self-test is over, a start screen is displayed. You can now interrogate the patient's implanted cardiac device.

Press and hold the key on BIOexpress for approx. 15 seconds to reset it.

How Do I Use BIOexpress?

BIOexpress is a portable device with a rechargeable battery but can also be used with the power cable plugged in.

There is a sterile cover available for optional use with the wand, see Accessories and Spare Parts [Page 21].

No programming features are available with BIOexpress. If device programming is required, please contact your cardiology department or BIOTRONIK representative.



Attention

External Power Supply

- Do not place the power supply near the patient or on the floor.
- Lay all cables in such a way that there is sufficient strain relief and they do not pose a tripping hazard.



Attention

Functional Impairment due to Damage

Malfunction can be caused by mechanical impact, i.e., from dropping BIOexpress.

- Prior to use, check BIOexpress for any visible damage and use it only when it is intact.



Attention

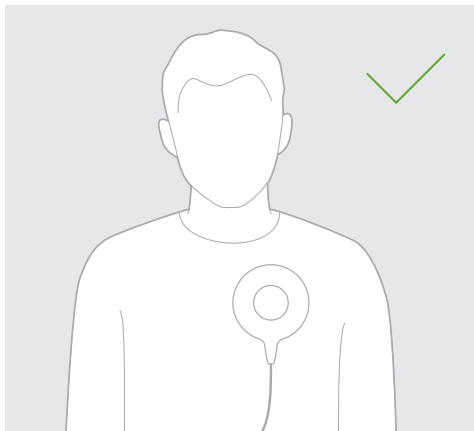
Functional Impairment due to Incorrect Installation

Malfunction can be caused by hazardous environmental conditions.

- Protect BIOexpress and its accessories from the accidental ingress of liquids and condensation.
- Keep a minimum distance of 30 cm (12 inches) between BIOexpress and other radio equipment.
- BIOexpress is MR Unsafe. Do not bring it into an MRI Zone 4 (MRI scanner room).

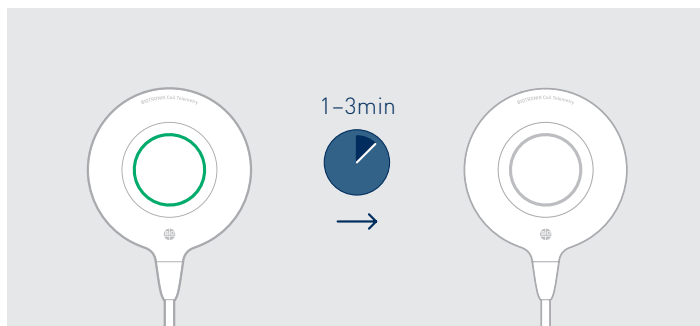
Interrogating the Implanted Device

Place the wand on the patient's chest directly above the implanted device so that you can see BIOTRONIK's logo on the wand. Ensure that the patient does not come into contact with the controller.



The implanted device is being interrogated.

During the interrogation, the LED circle lights up green. You know the interrogation is complete, when the LED circle is no longer lighted green. Remove the wand from the patient's chest.



Possible Problems

- The LED circle lights up green but flashes.
 - Reposition the wand, the implanted device could not be detected.
- The LED circle is turned off.
 - You are interrogating an implanted device that is not supported or not from BIOTRONIK.



Attention

Incorrect Positioning of the Wand

The wand communication with the implanted device is unstable or not possible.

- Place the wand on the patient's chest directly above the implanted device so that you can see BIOTRONIK's logo on the wand. Please be aware that the patient may have more than one active implanted device.
- Remove any motor from the vicinity because it may interfere with the communication to the implanted device.



Attention

Internet Connection

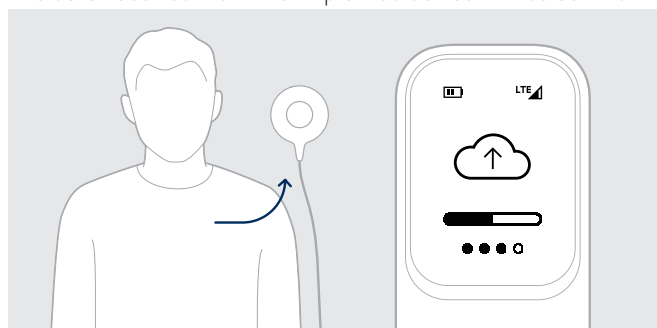
The main operating functions of BIOexpress are only available if an internet connection has been established reliably for BIOexpress to connect to the BIOTRONIK network infrastructure.

- Pay attention to the signal strength displayed on BIOexpress.
- Alternatively, use a local internet access point.

Uploading Data

After you have interrogated the implanted device, follow the instructions on the display. The wand will turn off automatically when the interrogation is complete and can be removed from the patient.

The data received from the implanted device will be sent to BIOTRONIK.



Once the data has been transmitted, a serial number (SN) is displayed on the BIOexpress screen along with a phone number to call.

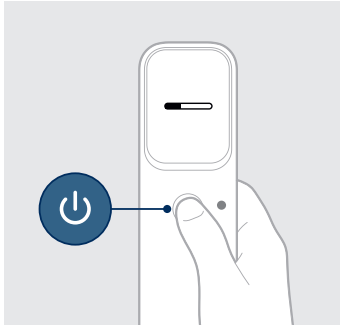
Please write down this number and call the BIOTRONIK hotline.

You may want to charge BIOexpress after every usage before you store it in the carrying case. Information on charging can be found here [Page 16].

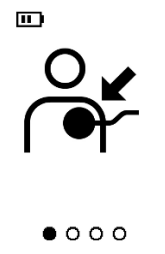
How Do I Turn Off BIOexpress?

The wand turns off automatically when the interrogation has been completed.

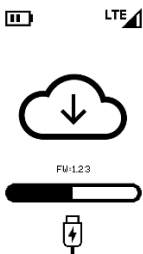
To turn off BIOexpress, press and hold the key.



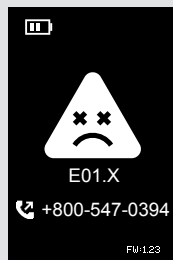
5 The BI0express Screen

The BI0express screen displays the following icons:	
	Self-test is in progress.
	Place wand on the patient's chest where the implanted device is located.
	Implanted device is being interrogated.
	Remove wand from the patient's chest.
	Uploading device data to BIOTRONIK.
	Upload is complete.

The BIOexpress screen displays the following icons:

	Call BIOTRONIK representative.
	Software update is being downloaded.
	Battery is being charged.
	Battery is defective.

The BIOexpress error codes on the screen

**E01 System error**

Restart the BIOexpress device.

If this error occurs again, please call the BIOTRONIK hotline for a replacement.

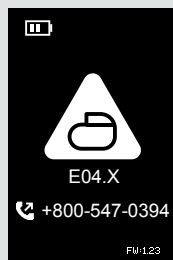
**E02 Implanted device not found**

Reposition the wand over the implanted device until the wand flashes green.

Verify that the implanted device is a BIOTRONIK device by checking the Patient ID card.

**E03 Implanted BIOTRONIK device not supported**

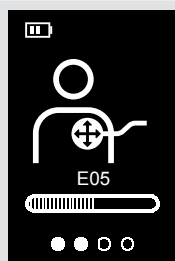
The system is checking if an update is available. Restart the controller after the update completes and attempt to reinterrogate.

**E04 Implanted BIOTRONIK device not supported**

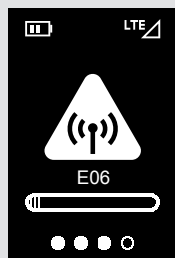
This implant can only be interrogated with a BIOTRONIK programmer. If you need assistance, please call the BIOTRONIK hotline.

Restart the system to interrogate a different implanted device.

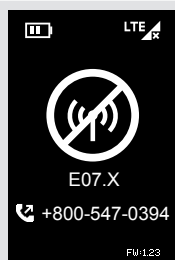
The BIOexpress error codes on the screen



E05 Connection to implanted device lost
Reposition the wand over the implanted device until the wand flashes green.



E06 Upload is taking longer than expected
Relocating the BIOexpress device may improve the internet connection.



E07 No network connection can be established
Please call the BIOTRONIK hotline.

The Cellular strength (LTE connection) symbols on the screen



No LTE signal found.



LTE signal is sufficient.



LTE signal is good.



LTE signal is very good.



Error in connecting to LTE.

6 Handling

Charging

Attention

External Power Supply

- Do not place the power supply near the patient or on the floor.
- Lay all cables in such a way that there is sufficient strain relief and they do not pose a tripping hazard.

Attention

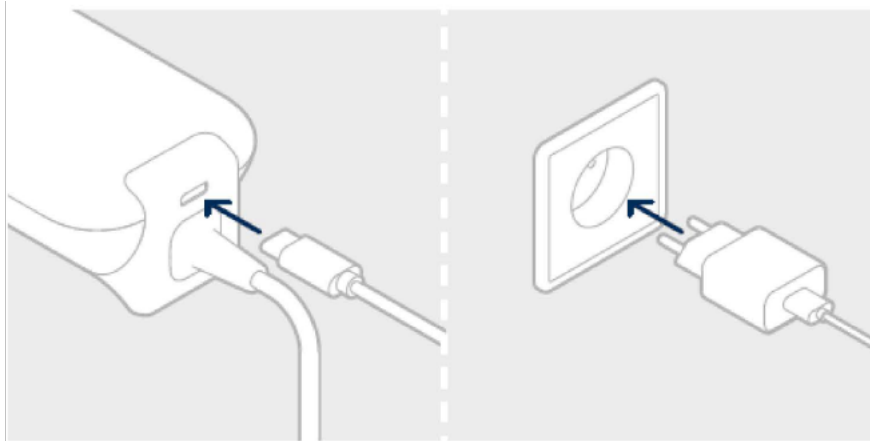
Functional Impairment due to Wrong Power Supply

Malfunction can be caused by connecting the wrong external power supply.

- Only use components delivered with BIOexpress and authorized by BIOTRONIK for your own safety.

You may want to charge BIOexpress after every usage if you have the possibility to do so. It is recommended to charge it before you store it so that BIOexpress is fully charged before the next use.

To do this, insert the power cable into BIOexpress and the power supply plug into the wall outlet. BIOexpress will be charged even if it is turned off.



A battery that is completely charged will last for about 30 interrogations. If you want to use BIOexpress and the battery charge level is too low, you can use it with the power cable plugged in.

Cleaning and Disinfecting

Clean BIOexpress after each use with a damp cloth or with an alcohol, hydrogen peroxide, or quaternary ammonium compound disinfectant.

Maintenance, Inspection and Battery Replacement

When BIOexpress is used correctly, ongoing maintenance is typically not required.

If the cable connecting the controller and the wand or the power cable is damaged, return it to BIOTRONIK.

BIOexpress does not require a regular technical safety check.

⚠ Attention**Battery Replacement**

If the battery of BIOexpress is damaged or depleted, it must be replaced.

- Switch off BIOexpress and disconnect the power cable before replacing the battery.
- Do not touch the electrical contacts of the battery or the installation compartment.

⚠ Attention**Correct Battery Handling and Changing**

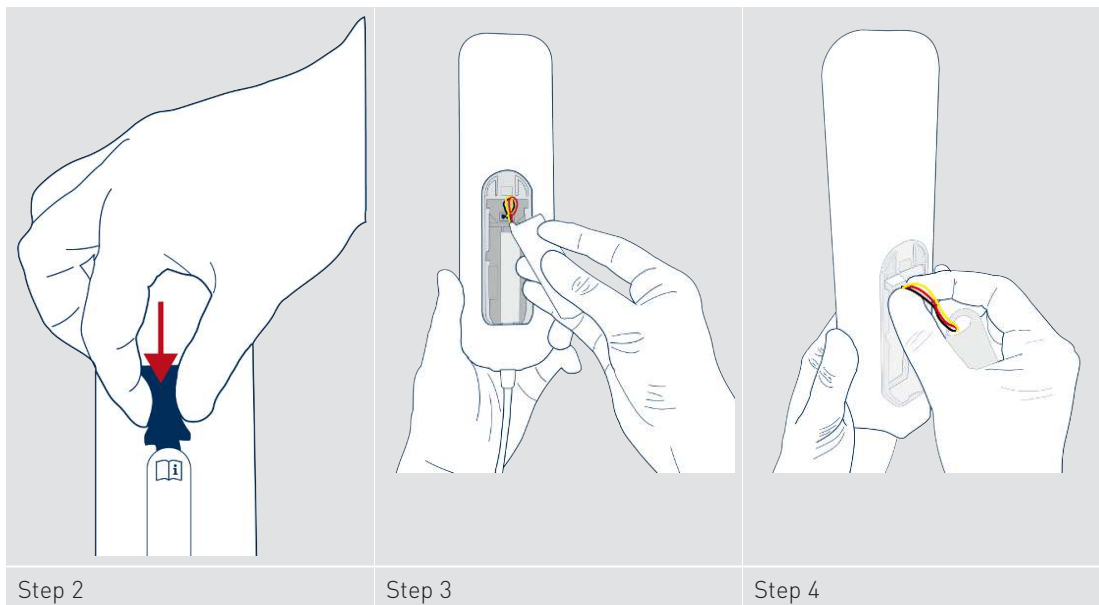
Malfunction can be caused by a damaged battery, by the incorrect handling of the battery or by using an unauthorized charger. This may result in excessive heating, battery case rupture, or ignition of the battery.

- Always use only batteries and authorized chargers shipped with BIOexpress or ordered from BIOTRONIK, see Accessories and Spare Parts [Page 21].
- Charge the rechargeable battery at least every 6 months and a few hours before using.
- After replacing a battery, connect the power cable and charge the battery before operating the BIOexpress on battery power.

To change the battery, follow the steps below:

1. Turn BIOexpress so that the display is facing down.
2. Insert the thin part of the opening tool into the slot of the battery lid to open it.
The opening tool is delivered along with the battery replacement kit.
3. Remove the battery from the battery compartment with the cable still attached.
4. The battery has a cable with a JST connector. Remove this connector carefully from the connector box.
5. Insert the JST connector from the new battery into the connector box.
There is only one way that the pins of the JST connector fit into the box.
6. Place the new battery into the compartment in a way that the battery cables are not compressed.
7. Close the battery lid until it snaps in place with an audible click.

Alternatively, instead of replacing the damaged battery, you can return BIOexpress to BIOTRONIK.



Updating the Software

You do not have to update the software manually. When BIOexpress is turned on, the software will be updated automatically.

The download and installation of the software update will typically take 15 minutes. If BIOexpress is not fully charged, you may charge it while updating the software, see Charging [Page 16].

If you want to interrupt the software download, press and hold the key on BIOexpress for about 2 seconds.

Disposal

If you are no longer using BIOexpress either return it to BIOTRONIK or dispose of it and its associated power cable as electronic waste in accordance with the applicable country-specific regulations.

Observe the International Air Transport Association's instruction for shipping batteries and rechargeable batteries (IATA Packing Instruction 965/966) (UN 3480/3481):

Waste lithium batteries and lithium batteries being shipped for recycling or disposal are forbidden from air transport unless approved by the appropriate national authority of the State of Origin and the State of the Operator.

7 Appendix

Technical Data

- Operating mode: continuous operation
- Longevity: 5 years
- IP 30
- Operating temperature: +10°C to +40°C (+50°F to +104°F)
- Storage temperature: 0°C to +50°C (+32°F to +144°F)
- Store in a dry place
Relative humidity for storage and operation: 20% to 75% (non-condensing)
- Atmospheric pressure: 700 to 1060 hPa
- Information according to Article 33 of Regulation (EC) No. 1907/2006 (REACH)
see <https://www.biotronik.com/material-compliance>

BIOexpress Controller

- Dimensions (L x W x H): approx. 232 x 66 x 35 mm
- Weight (incl. battery): approx. 270 g
- LTE Cat M1 frequency bands: 700 MHz, 850 MHz, 1700 MHz, 1900 MHz
Power Class 3 (max. 23 dBm)
- Wi-Fi frequency bands: 2.4 GHz ISM band, 5 GHz U-NII band
Max. 23 dBm power, compliant with IEEE 802.11 a/b/g/n

BIOexpress Wand

- Dimensions (L x W x H): approx. 132 x 102 x 35 mm
- Weight (incl. cable): approx. 208 g
- Length of cable: 0,9 m (3 feet)
- Frequency band: 9 to 315 kHz
- Operating frequency: 9 to 90 kHz, OOK modulation

Power supply

- Input voltage: 100–240 V AC at 50–60 Hz
- Output voltage: 5 V DC; 3 A; 15 W
- Protection class: II

Telemetry Data for the USA

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

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

This device complies with part 95 of the FCC Rules.

This device may not interfere with stations operating in the 400.150–406.000 MHz band in the Meteorological Aids, Meteorological-Satellite, and Earth Exploration Satellite Services, and must accept any interference received, including interference that may cause undesired operation.

This device will be registered with the Federal Communications Commission under the following number:

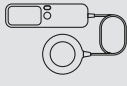
FCC ID: QRI-BEXWW1

Symbols

The symbols on BIOexpress and the power supply have the following meaning:

Symbol	Meaning
	Power supply port
	Comply with the technical manual (white image on blue background)
	Wi-Fi Pairing
	Consult the instructions for use!
	Type BF applied part, defibrillation-protected
	For interior use only
	Protection class II
IP30	Protection against solid foreign objects with a diameter of 2.5 mm or more No protection against water

Legend for the Label

Symbol	Meaning
	Medical device
	BIOTRONIK order number
	Serial number
	Manufacturing date
	Unique device identification
	BIOexpress
	Contents
	Distributor

Symbol	Meaning
	Temperature limit
	Air pressure limit
	Humidity limit
	Consult the instructions for use!
	Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.
	Manufacturer

Accessories and Spare Parts

Model	Order number	Description
Carrying case	490855	Padded case for storing and carrying.
Quick guide	490854	Important information at a glance.
Battery replacement kit	490858	Battery to replace.
Battery compartment cover	490853	Cover to close the battery compartment.
Plastic cover (sterile)	396985	10 sterile covers for the wand for single use, cannot be resterilized.
Power supply	490857	Power supply for U.S.

List of Supported Implanted Devices



Attention

Interrogation of an Implanted Device that is not Supported

The interrogation of an unsupported implanted device may interfere with the implant function.

- Interrogate only one of the implanted devices listed.

BI0express is compatible with the following ICMs and newer:

- BIOMONITOR III
- BIOMONITOR III_m
- BIOMONITOR IV

BIOexpress is compatible with the following ICDs and newer:

- Idova 7 VR-T, 7 VR-T DX, 7 DR-T, 7 HF-T
- Ilesto 5 VR-T, 5 VR-T DX, 5 DR-T, 5 HF-T,
Ilesto 7 VR-T, 7 VR-T DX, 7 DR-T, 7 HF-T
- Iforia 3 VR-T, 3 DR-T, 3 HF-T,
Iforia 5 VR-T, 5 VR-T DX, 5 DR-T, 5 HF-T,
Iforia 7 VR-T, 7 VR-T DX, 7 DR-T, 7 HF-T
- Inventra 7 VR-T, 7 VR-T DX, 7 DR-T, 7 HF-T, 7 HF-T QP
- Iperia 5 VR-T, 5 VR-T DX, 5 DR-T, 5 HF-T, 5 HF-T QP,
Iperia 7 VR-T, 7 VR-T DX, 7 DR-T, 7 HF-T, 7 HF-T QP
- Itrevia 5 VR-T, 5 VR-T DX, 5 DR-T, 5 HF-T, 5 HF-T QP,
Itrevia 7 VR-T, 7 VR-T DX, 7 DR-T, 7 HF-T, 7 HF-T QP
- Ilivia 7 VR-T, 7 VR-T DX, 7 DR-T, 7 HF-T, 7 HF-T QP
- Intica 5 VR-T, 5 VR-T DX, 5 DR-T, 5 HF-T, 5 HF-T QP,
Intica 7 VR-T, 7 VR-T DX, 7 DR-T, 7 HF-T, 7 HF-T QP
- Inlexa 1 VR-T, 1 DR-T, 1 HF-T,
Inlexa 3 VR-T, 3 DR-T, 3 HF-T, 3 HF-T QP,
Inlexa 7 VR-T, 7 VR-T DX, 7 DR-T, 7 HF-T, 7 HF-T QP
- Acticor 7 VR-T, 7 VR-T DX, 7 DR-T, 7 HF-T, 7 HF-T QP
- Rivacor 3 VR-T, 3 DR-T, 3 HF-T, 3 HF-T QP,
Rivacor 5 VR-T, 5 VR-T DX, 5 DR-T, 5 HF-T, 5 HF-T QP,
Rivacor 7 VR-T, 7 VR-T DX, 7 DR-T, 7 HF-T, 7 HF-T QP

BIOexpress is compatible with the following IPGs and newer:

- Evia SR, SR-T, DR, DR-T, HF, HF-T
- Entovis SR, SR-T, DR, DR-T, HF, HF-T
- Estella SR, SR-T, DR, DR-T
- Ecuro SR, SR-T, DR, DR-T
- Effecta S, SR, D, DR
- Eluna 8 SR, 8 SR-T, 8 DR, 8 DR-T, 8 HF-T
- Epyra 6 SR-T, 6 DR-T,
Epyra 8 SR-T, 8 DR-T, 8 HF-T
- Etrinsa 6 SR, SR-T, 6 DR, DR-T,
Etrinsa 8 SR-T, 8 DR-T, 8 HF-T
- Edora 8 SR, 8 SR-T, 8 DR, 8 DR-T, 8 HF-T, 8 HF-T QP
- Evity 6 SR-T, 6 DR-T,
Evity 8 SR-T, 8 DR-T, 8 HF-T, 8 HF-T QP
- Enticos 4 S, 4 SR, 4 D, 4 DR,
Enticos 8 SR-T, 8 DR-T, 8 HF-T, 8 HF-T QP
- Enitra 6 SR, 6 SR-T, 6 DR, 6 DR-T,
Enitra 8 SR-T, 8 DR-T, 8 HF-T, 8 HF-T QP
- Solvia Rise SR-T, DR-T
- Amvia Edge SR-T, DR-T, HF-T QP
- Amvia Stellar DR-T, HF-T, HF-T QP
- Amvia Sky SR-T, DR-T, HF-T, HF-T QP