

# Suction device **b<sub>n</sub>foot** Air with battery



## User manual

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**Dear Customer,**

We thank you for the confidence you have placed in us by purchasing the Air suction device. Our devices are manufactured and tested according to strict quality standards.

Please read this manual carefully before using your product for the first time. It provides important information on safety, the correct use and maintenance of the device. This is designed to protect you and others and to prevent damage to the device.

You can also download and print out the instructions at [www.b-on-foot.de](http://www.b-on-foot.de).

We hope you enjoy using your Air suction device and wish you great success.

Sincerely,  
Bahner Feinwerktechnik GmbH

## 1. Product description



## 2. Symbols used in this manual

On the device nameplate:

	Consult instructions for use
	Indicates the product is CE certified
	Waste disposal marking for electrical and electronic equipment according to § 7 ElektroG
	Type B applied part [isolated type B body part]
<b>IPX0</b>	No special ingress protection against moisture (IP = International Protection).
	Protection class III

In the user manual:

	This symbol indicates special instructions that must be carefully followed to prevent injuries or damage. These instructions are intended for occupational safety.
	This symbol indicates important instructions for compliance with regulations or where there is a risk of damage to the device.
	Warning of optical radiation

## 3. Package contents

The following items are included in the product box:

- 1 x Suction device with attached motor hand piece
- 1 x Power cable
- 1 x Service pack including extraction tool
- 1 x Spare dust bag
- 1 x Installation guide - APP
- 1 x multifunction smartphone,  
including charger and protective cover

If any of these items are missing, please contact your supplier immediately to request the missing item(s).

	Please keep the box in which the Air suction device was shipped to you, including the protective padding. In case of replacement or repair, the original packaging must be used when returning the item. Please note that Bahner Feinwerktechnik GmbH accepts no responsibility for any damage caused as a result of failure to comply with this instruction.
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#### **4. Applications**

The Air suction device is designed for cosmetic foot care, pedicures and manicures. Attachments such as files, drills and grinding bits can be fitted onto the rotating motor hand piece. These interchangeable bits are ideal for quickly and effectively removing calluses, corns, nails, etc. They can also be used to grind, clean and polish nails. The device is intended for commercial use only.

#### **5. Operator requirements**

The Air suction device should only be operated by a trained chiropodist, podiatrist, beautician or nail designer who is familiar with the relevant cosmetic procedures and has the necessary training.

#### **6. Personnel and client protection**

The device may only be opened by the manufacturer or by an authorised expert assigned by it. Unauthorised modifications to the device are not permitted.

The device should only be operated in a safe environment.  
The device must only be used for its intended purpose.

Keep the device away from other electrical equipment.  
Moisture can cause electric shock.

After each use and before commencing treatment on the next client, the interchangeable bits must be disinfected, cleaned and sterilised in accordance with the manufacturer's instructions. This prevents the potential transmission of germs to subsequent clients.

All surfaces of the motor hand piece must also be disinfected after each use and before commencing treatment on the next client.

The operator is required to wear protective gloves, goggles and mouth and nose mask when using the device.

Only use interchangeable bits approved by the manufacturer for the maximum speed of the hand piece.

Make sure that no hair can get caught in the rotating parts (nail drills, etc.) while working with the device. If necessary, wear a hairnet.

#### **7. Safety**

Make sure your power supply matches the rated voltage indicated on the foot care device. The electrical mains must have an effective earth connection and the installation must comply with all relevant regulations.

**Warning:** To avoid the risk of electric shock, this device may only be connected to a mains socket outlet with a protective earthing connection.

Only use smoothly running, undamaged rotating bits. This will avoid damage to the hand piece.

Only use rustproof bits when working with the motor suction hand piece.

Always disconnect the device from the mains before beginning any maintenance.

It should be noted that the use of electrical accessories (e.g. lights), motors and cables (e.g. motor cables) other than those provided by the manufacturer, as well as the use of other electrical equipment close to the device, may result in increased emitted interference or reduced immunity to interference of the device.

Please observe any additional safety instructions outlined in other sections of this manual.

## 8. Getting started

- Place the device in a safe, suitable location.
- Plug the power cable into the power socket on the left side of the device and the other end into a mains outlet. Make sure that the power plug is easily accessible at all times.
- Switch on the device by pressing the on/off button on the front. Once the device is connected to the mains, the operating mode will be audibly indicated by a brief acoustic beep.
- Your Air suction device is now ready for use.
- Pressing the on/off button again or unplugging the power plug shuts down the device.
- When moving the position of the device (i.e. where disconnecting the device from the mains is required), please repeat the above procedure for getting started.

### 8.1. Setting up the smartphone

Press and hold down the on/off button to turn on the phone. Then follow the instructions that appear on the screen to set up the phone.

Please note:

To save battery, the phone will automatically shut down if not used within 30 minutes after the set-up has been completed.

#### 1. Start-up screen

Select your language and then tap



#### 2. Connect to a mobile phone network

You will be prompted to insert your SIM cards, if available. This is not mandatory to use the smartphone.

If you do not have or do not want to use a SIM card, tap on SKIP in the lower left corner of the screen.

#### 3. Connect to Wi-Fi

Your smartphone will automatically search for all available network connections in the immediate vicinity.

Now select the Wi-Fi network you want to connect to from the list.

You will then be asked to enter the network password and to agree to the terms of use. After successfully connecting to the network, your phone will search for software updates.

An active Wi-Fi connection is essential to be able to download apps from the Google Play Store and keep your smartphone updated.

You can change these settings at any time by going to **Settings -> Wi-Fi**.

If you do not have access to the network when setting up, you can tap SKIP at the bottom left of the screen to postpone this step until later. In this case continue with step 5.

#### 4. Sign in to Google

You will now be asked to sign in to Google. To do so, please enter your email address or phone number linked to your Google account and tap Continue in the lower right corner. You will then be prompted to enter your password and asked if you want to access the account. You must agree to Google's Terms of Use to access the account.

If you do not have a Google account, you can tap Create Account to create a new Google account. Then follow the instructions on the screen.

Alternatively, you can skip this step by tapping Skip at the bottom left of the screen. (A Google account is required to download the b-on-foot app from the Google Play Store.)

In this case continue with step 7.

#### 5. Date and time

Now set your time zone, date and time and confirm by tapping CONTINUE.

#### 6. Name

You can now assign a name to your phone. This can personalise various apps.

You can save this setting with or without entering a name by tapping NEXT.

**7. Protecting your phone**

You will be prompted to enable device protection to prevent unauthorised access to your smartphone. You can choose whether you want to secure the phone with a pattern lock, PIN code or password.

If you prefer not to enable the device protection, you can tap NO THANKS and then NEXT.

Once you have selected your preferred device protection, please follow the instructions on the screen.

**8. Capturing fingerprint data**

You will now be asked if you would like to use your fingerprint to unlock the phone. If so, tap NEXT and follow the instructions on the screen.

Alternatively, you can skip this setting by tapping NO THANKS and then NEXT.

**9. Capturing facial data**

You will now be asked if you would like to use your facial data to unlock the phone. If so, tap NEXT and follow the instructions on the screen.

Alternatively, you can skip this setting by tapping NO THANKS and then NEXT.

**10. Google Assistant**

If you chose not sign up in step 4 (**sign in to Google**), please skip to step 11.

You will be asked if you would like to use Google services. You can reject this by tapping NO THANKS in the bottom left corner of the screen. If you would like to use Google services then tap ACTIVATE.

**11. Google services**

On the screen displays that follow you will be asked to select from various settings. For this, you will have to scroll down to the bottom and decide whether you would like to enable or disable the respective services. After you have chosen all your settings, you will then be asked to confirm the settings by tapping ACTIVATE.

**12. Terms and Conditions**

Please read the terms and conditions carefully and then tap "I have read the above terms and conditions carefully and hereby accept them". Then tap NEXT.

**13. NFUI Customer Satisfaction Programme**

You will then be asked if you would like to participate in the NFUI Customer Satisfaction Programme. Further information can be found on the screen.

You can decline the invitation to the programme by tapping NO THANKS or join the programme by tapping PARTICIPATE.

**14. Setup completed**

You have now successfully completed the setup. All settings can be subsequently changed by going to Settings.

Now tap START USING YOUR PHONE to complete the setup.

## 8.2. Google Play Store



Use the Google Play Store to download apps to your phone. The applications found in the Google Play Store can either be free or paid.

### 8.2.1. Opening a new Google Play Store account

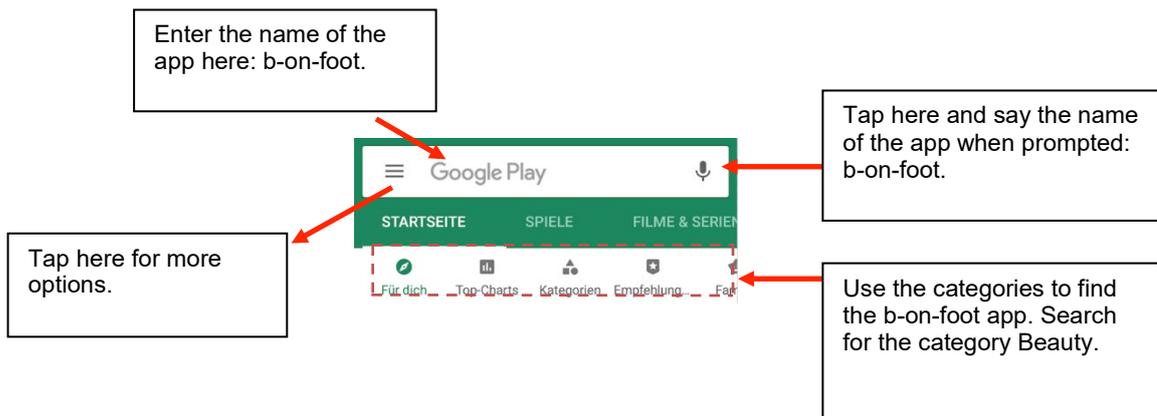
To download applications from the Google Play Store, you must first sign in to a Google Play account. When you use an existing Google Play Store account, the information associated with that account is automatically synced to your phone.

If you are using the Google Play Store for the first time and have not signed in to your Google account during the initial setup, you will be presented with a login screen. Here you can log in to the Google Play Store using an existing Google account. To do this, enter your email address or telephone number and password.

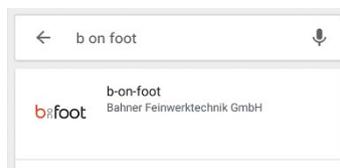
If you do not have a Google account, please tap Create Account to create a new account. Then follow the instructions on the screen to set up a new account.

### 8.2.2. Downloading and installing applications

1. There are 2 different ways to find the b-on-foot app:
  - a. Use the search bar or voice search to manually search the application. To do this, simply enter the name of the app you are looking for: b-on-foot.
  - b. Swipe left to find the category of app you require, then tap the category. The b-on-foot app can be found in the category Beauty.



2. The app will appear as follows in the search results:



Now tap on the app and select **INSTALL**.

3. During downloading, you can always swipe down the status list to see the progress of the download. Once the download has been completed, the app will be automatically installed on your phone.
4. Now view all installed apps by dragging the bottom icon bar on your start screen upwards. Tap on the b-on-foot app icon to start the application. Then follow the app's instructions to set your phone's privacy settings. Once this is done, you can use the app anytime you choose.



## 9. Operating features of the Air suction device

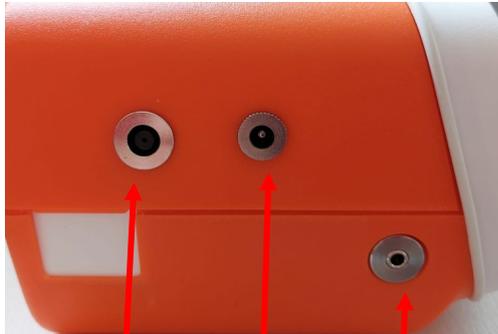
Since the Air suction device can only be operated via the b-on-foot app on the smartphone, the front panel of the device only features an on/off button and a docking station for the smartphone.

Note on battery conservation. The charging socket is only for trickle charging. Please fully charge the smartphone at least once a week via the included external charger. In case of higher usage intensity, the smartphone should be fully charged accordingly several times per week.

All the features available on the Air suction device can be adjusted via the app. The app indicates the operating status of the core functions: an orange icon indicates a function is active; a grey symbol indicates an inactive status.



## Connectors



Powerbank optional

Charger

LED - additional light optional

## Charging the battery

The power button flashes in the off position during charging. When the battery is fully charged, the power button remains dark.

One battery charge is sufficient for approx. 30 applications of 10 min. each.

The charging time when the battery is fully discharged is approx. 6 hours.

With 20% remaining battery capacity, you can continue to operate the device with the charger connected. A message bar appears and a warning tone sounds.

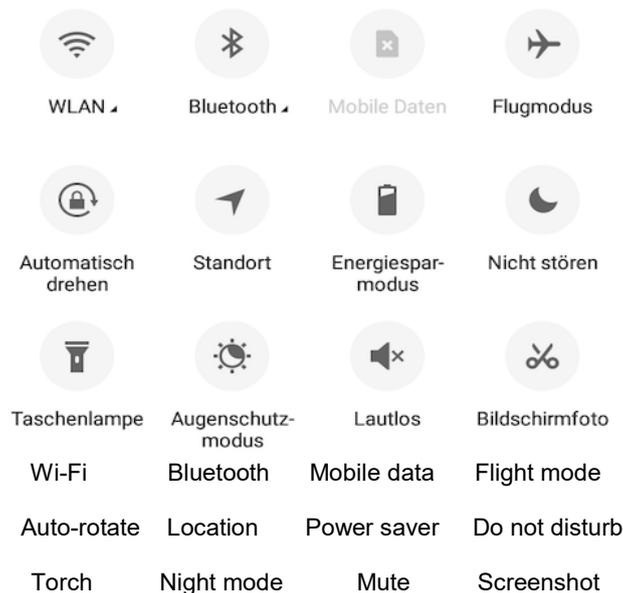
If the battery is completely empty, it must be charged for at least 1 hour and then the device can be operated with the charger connected.

### 9.1. Basic smartphone settings

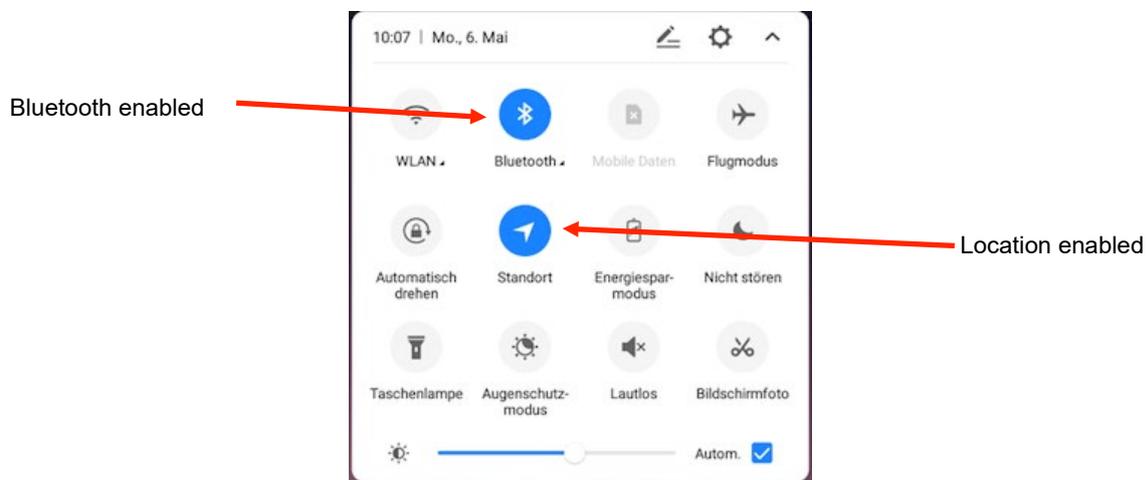
Before using your Air suction device, you must first register the device on the app. This requires activating the following two basic settings on the smartphone:

- Bluetooth
- Location

To activate, swipe down from the top of the screen until you see the following screen:

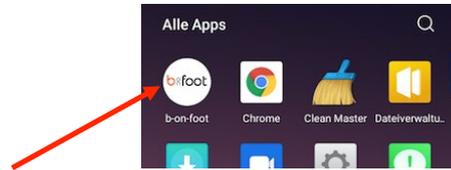


Then tap the Bluetooth and Location icons to enable these features. The icons turn blue when tapped to indicate active status:



## 9.2. Launching the b-on-foot app

To access the b-on-foot app, drag the bottom icon bar up. All apps available on your smartphone will now be displayed.

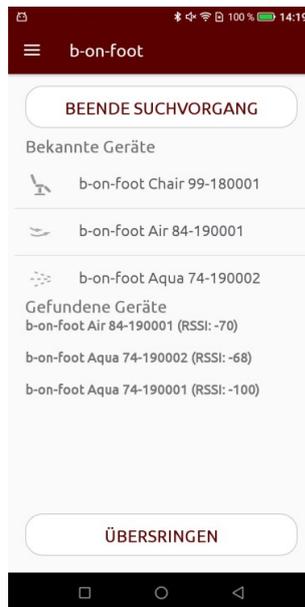


Then briefly tap the b-on-foot icon to get started.

Switch on the device using the button on the front. The button flashes evenly during the internal start-up phase. As soon as a connection can be established with the smartphone, the button flashes like a heartbeat and a short acoustic signal sounds.

## 9.3. Device search in the app

After starting the app b-on-foot, the start screen will display a list of detected devices.



If an error message is displayed on the screen during the search, please check the basic smartphone settings outlined in section 9.1.

Buttons explained:



### Start search:

This button launches the search for b-on-foot devices: AQUA, AIR and CHAIR. **Only devices belonging to the b-on-foot brand that are within range, and not already connected to another smartphone will be displayed.** The devices found are displayed in the lower part of the screen. Tap on the device required to wirelessly connect it. If the connection is established successfully, the button in the front lights up permanently.



### End search:

This button stops the current search. The display listing the devices found will be cleared.



### Skip search:

Use this button to skip the search for available devices and move on to the Demo Mode. In this mode you can test all the functions of the app without requiring an active wireless connection to your foot care device.



**Open navigation:**

This button opens the navigation for the search. In the navigation bar you will find contact details, information about the app, the Privacy Policy and various instructions for the app.

Icons explained:



**Air icon:**

This icon indicates a b-on-foot AIR device. The device name that follows consists of the brand name, the type and the serial number.



**Spray icon:**

This icon indicates a b-on-foot AQUA device. The device name that follows consists of the brand name, the type and the serial number.



**Chair icon:**

This icon indicates a b-on-foot CHAIR device. The device name that follows consists of the brand name, the type and the serial number.

Devices detected explained:

Bekannte Geräte	
	b-on-foot Chair 99-180001
	b-on-foot Air 84-190001
	b-on-foot Aqua 74-190002

**Known devices:**

This section displays all devices that have activated a wireless connection at least once. In order to clearly identify these devices, they are indicated by the relevant icon followed by the brand name, the type and the serial number. The listing for such devices is not limited to a maximum number. You can scroll down this section.

Gefundene Geräte	
	b-on-foot Air 84-190001 (RSSI: -70)
	b-on-foot Aqua 74-190002 (RSSI: -68)
	b-on-foot Aqua 74-190001 (RSSI: -100)

**Devices found:**

This section displays all devices found during the search. The device name consists of the brand name, the type and the serial number. The RSSI number at the end indicates the strength of the wireless connection to the device. The best connection strength is between -60 to -80. Values of less than -100 indicate the smartphone is too far away from the device to ensure a secure connection.



**Battery icon:**

This icon shows the charge level of your b-on-foot AIR BATTERY. If the b-on-foot POWERBANK is connected, its charge status is also displayed. The charge level is displayed by means of 4 bars (4 bars = full charge, 1 bar = low charge). For more information on the state of charge, see point 9 - Charging the battery.

## 9.4. Operating the hand piece

The hand piece is operated using a total of 7 buttons and a slider in the app, which allow the b-on-foot Air to be adjusted to the specific foot care requirements of each client. The current speed (RPM) is displayed in the 5-digit speed range in the upper half of the screen.



Buttons explained:



### Hand piece motor OFF:

When this button is grey, it indicates the hand piece motor is switched off. In suction mode, the hand piece motor off status automatically ensures the suction function is switched off. It turns on again, as soon as the hand piece motor is switched on.



An orange button indicates that the hand piece motor is turned on. The hand piece motor can only be switched on using the button on the hand piece itself.



### Nail drill light ON/OFF

The LED lighting for the nail drill works both when the hand piece motor is running and deactivated. It is operated solely via the ON/OFF button in the app.



When orange, this button indicates that the LED lighting is activated.



**Do not look directly into the beam of the LED lighting! Danger of retinal burns!**



### Hand piece motor - speed —

This button reduces the speed of the hand piece motor. The lowest speed setting is 3,000 rpm. The speed can be reduced in increments of 1,000 rpm.



### Hand piece motor - speed +

This button increases the speed of the hand piece motor. The highest speed setting is 42,000 rpm. The speed can be increased in increments of 1,000 rpm.



### Hand piece motor - speed slider

This slider allows you to swiftly set your desired speed. It ranges from the minimum speed of 3,000 rpm up to the maximum speed of 42,000 rpm. This occurs in increments of 1,000 rpm.



**Please always observe the maximum speed specified by the manufacturer of the nail drill bit you are currently using. Do not exceed this speed under any circumstances! You could endanger yourself and your client.**



**Changing direction of rotation**

Pressing this button changes the direction of rotation of the hand piece motor. Anti-clockwise becomes clockwise and vice versa.



When orange, this button indicates that the hand piece motor is active.



**Preset buttons A to D**

These buttons enable you to save your preferred motor speed and suction power settings for later use.



An orange letter indicates that the pre-set speed and suction power saved under the letter have been activated. The values set will appear in the respective speed and suction power fields on the screen.

**Save button**



This button allows you to save any combination of speed and suction power settings under the pre-set buttons A, B, C and D.

To save your preferred speed and suction power settings follow these steps:



- Use the buttons or the slider to set the desired speed and suction power.
- Then press the save button. The pre-set buttons A, B, C and D and the save button will turn orange and the smartphone will vibrate to indicate that the device is ready to save the selected settings.
- Now press the pre-set button letter under which you wish to save the settings entered. The save button as well as the pre-set buttons A, B, C and D will then turn grey again, indicating the saving process is completed.

Pressing the save button again will cancel the saving process. The save button as well as the pre-set buttons A, B, C and D will then become grey again to confirm that the saving process has been aborted.

**9.5. Operating the suction**

There are three pre-set buttons and a slider for controlling the suction function. This allows the suction power to be adjusted to the specific foot care requirements of each client. The suction power used at any time is displayed in the lower half of the screen.

Buttons explained:



**Suction ON/OFF**

This button allows you to switch the suction power on or off when the hand piece motor is enabled.



When orange, this button indicates that the suction is activated.



**Suction power —**

This button reduces the suction power. The reduction in suction power occurs in increments of 10%.



**Suction power +**

This button increases the suction power. The increase in suction power occurs in increments of 10%.



**Suction power - slider**

This slider allows you to set the desired suction power. It can range from the minimum of 10% up to a maximum of 100%. This occurs in increments of 10%.

## 9.6. Wireless connection

The b-on-foot Air device communicates with the smartphone via wireless connection.

This technology allows you to remove the smartphone from the designated docking station on the device and position it in a location that makes your work easier.

You also have the option of using the smartphone to operate other b-on-foot Air devices. The smartphone supplied is not assigned exclusively to the foot care device with which it is delivered.

Buttons explained:



### Wireless connection ENABLED/DISABLED

This button will take you back to device search.

When blue, this button indicates that there is an active wireless connection to the device. The button in the front now lights up permanently



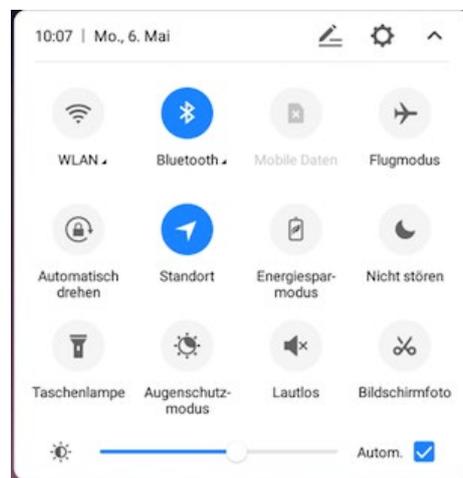
When red, this button indicates that a connection could not be established because the b-on-foot Air is out of range. However, it can also mean that you are in Demo Mode. The button in the front flashes like a heartbeat.

## 9.7. Music playback

Every b-on-foot Air comes with built-in speaker. This speaker can be used to play soothing music during the treatment.

It is not possible to play music through the b-on-foot app. For this you need a separate music app, which you can download from the Google Play Store.

To connect to this module, swipe down with one finger from the top of the screen until you see the following screen:



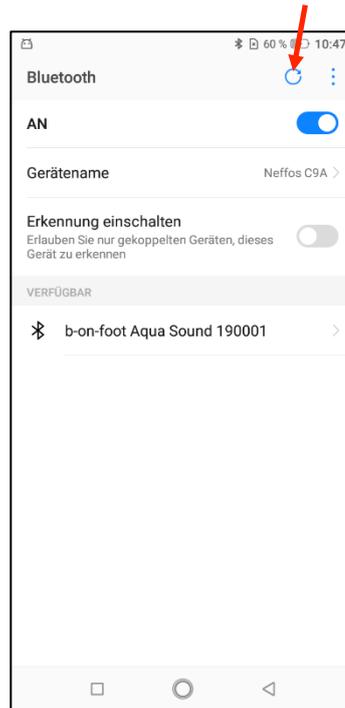
Touch and hold the Bluetooth icon to enter the Bluetooth settings.

Alternatively, you can access the Bluetooth settings by going to **Settings -> Bluetooth**.

If disabled, tap the button to enable Bluetooth on your smartphone.

Your phone automatically searches for all available devices and lists them along with the known devices. To connect to the music module of your b-on-foot Air, tap the device named b-on-foot Air Sound followed by the serial number of the desired device in the available devices list. If the smartphone has previously been connected to the music module of your b-on-foot Air device, the smartphone will automatically connect to the last connected device as soon as the smartphone's Bluetooth has been activated or when the music module of the foot care device is linked.

If your device does not appear in the list of available devices, check whether your b-on-foot Air is turned on and within range of the smartphone. If necessary, you can also conduct a new search for available devices by tapping the Refresh button in the upper right corner of the screen.

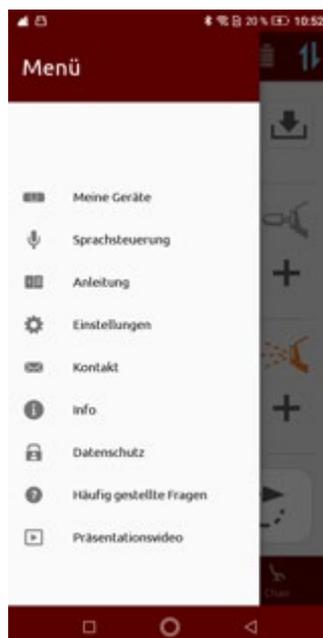


For further information and instructions, please refer to the user manual for the smartphone.

### 9.8. Other app features



Other features of the app are outlined in the following sections. These functions can be found in the app's menu.



### 9.8.1. My devices

The menu item My Devices lists all devices that have been previously connected to the app at least once. It is not possible to change to listed devices in this menu item.

If you want to remove a device from the list, tap on the desired item in the list and confirm you would like to remove the entry by clicking OK. The selected device will then be deleted from the app.

If you have removed the wrong device from the list, you will need to conduct a new search to find and reconnect that device.

### 9.8.2. Automatic connection establishment

In the menu item "My devices" it is possible to establish an automatic connection to all Device.

Automatic connection establishment is activated the first time the app connects to a foot care device.

When the automatic connection establishment is activated, the app searches for the selected foot care device and connects to it alone. This behavior occurs when the app is started and when the connection to the AIR is lost.

If the existing wireless connection to the pedicure device was intentionally terminated via the "wireless connection symbol" or via the floor navigation bar, the automatic connection establishment is interrupted once.



A red dot and the text "Automatic connection establishment activated" under the respective device name indicate that the automatic connection establishment is activated.

A gray dot indicates that automatic connection setup is deactivated.

To deactivate the automatic connection establishment, simply press the red dot.

To activate the automatic connection establishment, please make sure that no automatic connection establishment is active. Then press the point on the device at which you want to activate the automatic connection.

### 9.8.3. Tutorials

Under the menu item Tutorials you will find a list of instructions for different languages. They include a quick guide and a detailed guide for each language. The tutorials are provided in the languages that the app supports.

The following languages are currently supported:

- German
- English
- Russian

No separate app is required to open the quick guide. It will open in the app. You can exit the screen of the respective tutorial via the back arrow in the lower right corner of the app or via the back arrow in the upper left corner. You can also download and print the tutorials at [www.b-on-foot.de](http://www.b-on-foot.de).

### 9.8.4. Light Settings

This menu item allows you to change the default brightness setting of the hand piece light as desired. After changing the setting, your preferred brightness level will be saved and used in the app from this point on.

### 9.8.5. Handpiece settings

In order for every handpiece on the b-on-foot AIR to function properly, it is necessary to learn it.

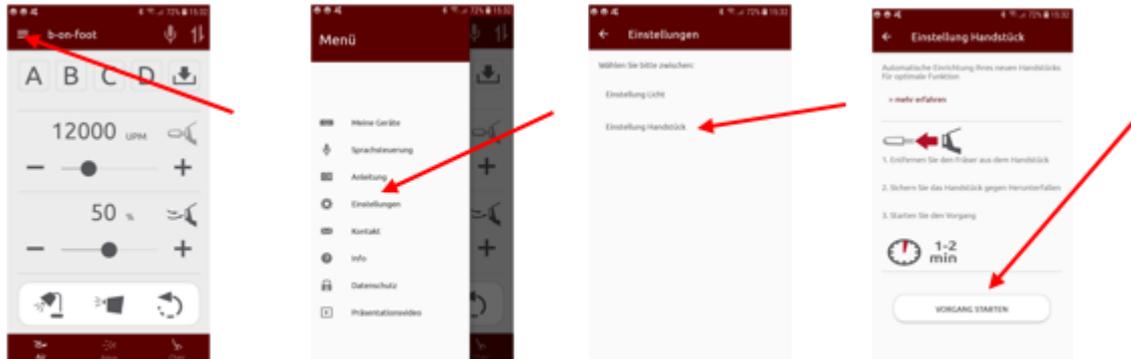
Each b-on-foot AIR goes through the process of teaching the handpiece before delivery and is therefore ready for use immediately after delivery. However, if over time you have the feeling that the handpiece motor behaves differently than after purchase or you want to connect a new handpiece to your b-on-foot Air, you can have the motor relearned using this menu item.

To start the process of teaching the handpiece, two safety precautions are necessary:

- The milling cutter must be removed from the handpiece.
- The handpiece must be secured against falling

These safety precautions require the handpiece to switch on and off automatically during the teach-in process. Different speeds of rotation are tested in this phase. This process takes about 1-2 minutes. The app will notify you when the process is complete. You can then use the app and foot care device as usual.

The foot care device cannot be operated while teaching the handpiece.



### 9.8.6. Contact

This menu item displays the contact details of Bahner Feinwerktechnik GmbH.

You can also call the manufacturer directly by clicking on the phone number. This requires an activated SIM card in the smartphone.

By clicking on Contact Form you will be forwarded directly to the contact form of our website <https://www.b-on-foot.de>. An internet connection is required to contact us via the contact form.

### 9.8.7. Info

In the Info section you will find all information about the b-on-foot Air device and the installed app.

In the event you require technical support, please note all the relevant details regarding your foot care device and pass this information on to the customer service department at Bahner Feinwerktechnik GmbH. Information such as the app version, hardware version, software version and serial number will help us process your enquiry faster, better and more effectively.

### 9.8.8. Data protection

You can read Bahner Feinwerktechnik GmbH's Privacy Policy under this menu item.

You will need an active internet connection to view the Privacy Policy. The latest version of the Privacy Policy is available under the link <https://www.b-on-foot.de/datenschutzerklaerung/>.

### 9.8.9. FAQ

This menu item allows you to view frequently asked questions. These serve as a first point of contact for questions or problems.

### 9.8.10. Presentation video

This menu item allows you to view the presentation video of the b-on-foot brand.

The prerequisite for this is an active internet connection. The presentation video will be opened and played in a Youtube player in the b-on-foot app. You can get back via the back button at the bottom right of the app.

### 9.8.11. Dust bag change

The dust bag of the device must be replaced when the dust bag is full or when the suction power not more. Open the dust box cover by pulling the hose manifold up and away from the unit, slightly forward and down. Then the dust bag, complete with the dust box lid, is carefully pulled out of the device. Now pull off the full dust bag from the cable suction tube.

You should wear a mouth and nose protection, the sanding residue can be hazardous to health his!

Every time the dust bag is changed, the suction manifold on the lid of the dust box should be freed from any deposits.

To avoid damage to the cables inside the opening, use the  
Do not clean sharp-edged objects.

Attach the new dust bag to the cable suction tube.  
Please make sure that you press the dust bag on the black plastic ring and this then noticeably engages on the cable suction tube.  
Now insert the new dust bag into the device. After that, the lid is first hung down and last locked in the top with the spring in the device.

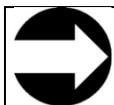
The device must never be operated without a dustbag! The dust bag is a disposable dust bag and must not be reused after removing it from the dust box lid!

Please remember to remove the dust bag from the device before shipping the device.  
Due to hygienic measures, the used dust bags are removed and disposed of during service.

## 9.10. Changing the rotating bit

The suction hand piece is designed with an opening for vacuuming grinding dust.  
The motor must be switched off when replacing rotating bits.

Insert the shaft of the desired bit into the head of the hand piece as far as it will go.  
The shaft of the inserted bit is automatically clamped when the motor is switched on.



**Only use nail drill bits with a shaft diameter of 2.35 mm (+0 to - 0.016 mm) (HP shaft).**

## 10. Maintenance and disinfection

Below you can find details of the various maintenance and disinfection measures to be carried out at regular intervals.

Proof of such sanitary activities may be required by the relevant inspection authorities (e.g. health and safety inspectors)

**Tip:** Create a schedule for maintenance and disinfection. Enter these dates in your studio calendar or keep a maintenance record in which the dates are listed and the completion of the relevant health and safety checks are confirmed by you.

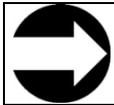
### 10.1. Cleaning and disinfection

The best way to clean the plastic housing, the front panel of the device and the motor hand piece including the hose is with a damp cloth with anti-bacterial properties (e.g. Mikrobac Tissues)

For disinfection, please use a surface disinfectant such as Mikrobac Forte or Bacillol AF. Moisten a cloth with disinfectant and use it to wipe down the device, the smartphone and the hand piece, including the hose.

**Never spray disinfectants directly onto the device or any of its parts!**

The use of disinfectants may cause slight fading or matting of the surfaces. This will not affect the functioning or safety of the device



**Always avoid aggressive solvents as well as acids and alkalis.**

**Recommended disinfection routine:**

After every treatment:

- Wipe the hand piece, hose and smartphone of the device and all parts that were touched during treatment with a disposable disinfectant tissue.

Daily disinfection

- In case of visibly contaminated surfaces (blood, pus, secretions, etc.), the surfaces must be disinfected immediately after the patient has been treated and the respective exposure time of the disinfectant must be adhered to.

Weekly disinfection

- Change the dust bag whenever  $\frac{3}{4}$  full.
- Wipe down all surfaces, including all objects, devices, buttons, levers and switches in the treatment room with disinfectant.
- In particular, wipe down hands contact points for staff and the clients on nearby surfaces.



**This disinfection procedure may only be carried out when the device is unplugged from the mains.**

**The safety rules for handling alcohol-containing disinfectants must be observed to avoid fire and explosion hazards!**

**The safety limit of 50 ml of disinfectant per m<sup>2</sup> of treated surface area or a total of 100 ml per m<sup>2</sup> of room surface area must not be exceeded.**

**Ensure adequate ventilation and eliminate any possible ignition sources (no smoking)!  
Hot surfaces, including inside appliances (fan heaters), must be cooled down.**

**General**

The cleaning of the rotating bits used must be carried out in accordance with the applicable RKI (Robert Koch Institute) guidelines, the general hygiene plan for foot care devices and the manufacturer's instructions.

You can find the respective instructions under following links:

**N.B.:** Regulations may vary from state to state

ROBERT KOCH INSTITUT



[http://www.rki.de/DE/Home/homepage\\_node.html](http://www.rki.de/DE/Home/homepage_node.html)



<http://www.zfd.de/>



<https://www.meisinger.de/index.php/Home.html>



<http://www.lukas-erzett.com/>



<http://www.premusa.com/home/default.asp>



<http://www.mtdental.com/htmls/home.aspx>



**10.2. Maintenance of the motor hand piece**

	The motor itself is maintenance-free and should only be wiped down with a slightly damp cloth. Never use oil or oil-based sprays to lubricate the motor hand piece.
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	<b>This cleaning procedure may only be carried out when the device is unplugged from the mains.</b>
--	---

**Warning!** Do not operate the motor hand piece without the nail drill bit inserted. This can cause damage to the automatic clamping mechanism and lead to functional impairment.

**10.3. Protection and inspection of the automatic clamping mechanism**

	<p>If the hand piece is not working properly, check to make sure that it is not clogged with dirt! <b>Functional impairment due to dirt is not covered under the warranty!</b></p>
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Check the dust cap regularly and replace if worn.  
The dust cap prevents the ingress of dirt into the sensitive precision mechanics of the internal parts of the hand piece.

	<p><b>This cleaning procedure may only be carried out when the device is unplugged from the mains.</b></p>
---	--

Failure to replace the dust cap after each use or using a worn dust cap can cause dust and dirt to enter the chamber of the hand piece.  
Insufficient cleaning can permanently affect the functionality of the automatic clamping mechanism and can lead to failure. In order to avoid danger and unnecessary repair costs, you should clean the hand piece chamber once a month.

	<p>It is recommended to establish a cleaning routine where you clean your hand piece at the end of each month. This will only require little time - but it will ensure safety for you and your clients and avoid unnecessary repair costs for this essential component.</p>
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**Never try to clean the hand piece from the front with a pipe cleaner!**

**Likewise, do not try to lubricate the hand piece with oil or grease!**

This may lead to damage and expensive repairs.

The following steps illustrate how to clean the hand piece:

#### 10.4. Cleaning the automatic clamping mechanism



Open the hand piece by twisting the rear section of the hand piece casing.



Press the inner core of the hand piece with motor out of the front section of hand piece casing.



If necessary, disconnect the inner core of the hand piece with motor from the connector.



If necessary, unscrew the motor from the inner core of the hand piece.



When reassembling, insert the inner core with motor into the front section of the hand piece casing.



Place the front and rear sections of hand piece casing back together



and screw clockwise to close.



If, after disconnecting the inner core of the hand piece, the connector retreats inside the rear section of hand piece casing



the connector can be pushed back out by squeezing the hose.

If this is not sufficient, the extraction tool supplied can be used.

## 11. Troubleshooting

The following steps should help you to solve minor problems that may arise without further assistance. If the measures recommended below do not provide the required remedy, please contact Bahner Feinwerktechnik GmbH.

Problem	Cause	Remedy
Motor jammed, e.g. due to overload.	The instrument is entangled e.g. in a towel or working coat.	Remove the cause of the blockage and then switch the motor on again using the ON/OFF button.
Suction device not working.	Air suction device not connected.	Make sure the power cable is plugged into the device and into the mains socket.
	Power socket without electricity.	Check the fuse/circuit breaker of the power supply.
Suction power remains low.	The dust bag is full.	Change the dust bag. Reuse or multiple use is not permitted for hygienic reasons.

## 12. Spare parts

Should you require spare parts or accessories, please contact Bahner Feinwerktechnik GmbH.

## 13. Technical specifications

Operating voltage:	85 – 264 AC voltage / 47-63 Hertz
Protection class:	III / IPX0
Storage temperature:	+10°C - +35°C
Operating temperature:	10°C - 35°C After transport or storage below the specified operating temperature, the unit should be allowed to acclimatise to room temperature for approx. 30 minutes due to potential condensation.
Maximum volume:	48 dB (without ambient noise)
Maximum rel. humidity:	90%
Power consumption:	Max 65W / in stand-by mode max 0,55 W
Micro motor speed range:	Seamlessly variable from 3,000 rpm to 42,000 rpm.  <b>Our micro motor is commutated brushless, has a higher power, generates less heat and runs almost without wear!</b>
Suction power range:	Seamlessly variable up to 155 l/min
Suction power accuracy:	Better than -5/+15%

Dimensions:	W x H x D = 375 x 120 x 150 mm Length of hand piece/hose 1600 mm
Weight:	2950g including micro motor, battery and hand piece hand piece 170g, power supply 800 g.

Bahner Feinwerktechnik GmbH reserves the right to make technical and optical modifications to its products at any time without prior notice.

No electromagnetic interactions are known to occur between this device and other devices.

#### 14. Information on electromagnetic compatibility

<b>Manufacturer's Declaration on Electromagnetic Emissions</b>		
This device is intended for use in the electromagnetic environment specified below. The user should ensure that use is made in such an environment.		
<b>Interference</b>	<b>Requirements meet</b>	<b>Test standard</b>
Conducted radio interference (0.15 MHz - 30 MHz)	Category B	EN 550 11
Electric field strength (30 MHz - 1000MHz)	Category B	EN 550 11
Harmonic currents (0 KHz – 2 KHz)	Category A	EN 61 000 - 3 - 2
Voltage fluctuations/flicker	Fulfilled	EN 61 000 - 3 - 3

<b>Guidelines and manufacturer's declaration for electromagnetic immunity</b>		
This device is intended for use in the electromagnetic environment specified below. The user should ensure that use is made in such an environment.		
<b>Immunity</b>		
Discharge of static electricity	6 KV / 8KV	EN 61 000 - 4 - 2
Burst interference	0.5 kV / 1 kV	EN 61 000 - 4 - 4
Surge interference	1 kV / 2 kV	EN 61 000 - 4 - 5
Conducted RF interference (150 kHz - 80 MHz)	Interference level 3V Amplitude modulated signal: m = 80 % Carrier signal: f = kHz	EN 61 000 - 4 - 6
Electromagnetic fields (80 MHz – 2.5 GHz)	Interference level 3V/m Amplitude modulated signal : m = 80 % Carrier signal: f = kHz	EN 61 000 - 4 - 3
Magnetic fields with energy-related frequencies	3 A/m Orientation frequency : f = 50 Hz	EN 61 000 - 4 - 8
Voltage dips and short-term interruptions	Voltage dips : - 30 % 500 ms Voltage dips : - 60 % 100 ms Voltage dips : > - 95 % 10 ms Short-term interruptions: > - 95 % 5000 ms	EN 61 000 - 4 - 11

#### Tests according to product standard EN 60601-1-2

Recommended safety distances between portable and mobile RF communications equipment and the foot care device.			
Rated power of transmitter in watts [W]	Protective distance relative to transmission frequency in metres [m]		
	150 kHz to 80 MHz d = 1.2 P	80 MHz to 800MHz d = 0.35 P	800 MHz to 2.5 GHz d = 0.7 P
0.01	0.12	0.04	0.07
0.1	0.38	0.11	0.22
1	120	0.35	0.70
10	3.79	1.11	2.21
100	12.00	3.50	7.00

The device is suitable for use in commercial premises, but not in industrial environments.

## 15. Warranty,

**Dear Customer,**

Thank you for choosing to purchase the **b-on-foot Air suction device**, an excellent choice. Our pedicure devices are produced under strict manufacturing guidelines and are known for high quality, functional reliability and long service life.

The warranty period is 12 months from the date the item was delivered to the buyer. § 479 BGB (German Civil Code) remains unaffected. Parts subject to wear are excluded from the warranty.

**The brief overview below explains the difference between the terms "warranty" and "guarantee".**

**Warranty:**

*On 01.01.2002, the new EU Directive 1999/44 came into force, which among other things regulates the statutory warranty period. Warranty is thus prescribed by law and includes the right to rectify defects. The buyer therefore has the right to assert claims for purchases made from 2002 onwards in cases where the goods purchased prove to be defective at the time of purchase. The decisive factor here is that the defect existed when the goods were handed over.*

*The warranty does not cover natural wear or damage resulting from improper or negligent handling, excessive use or special external influences not anticipated in the contract, as well as non-reproducible software errors.*

*To be able to judge this, we need the defective product in its original state (not dismantled). Further claims, in particular for compensation for direct or indirect losses, are excluded.*

**Guarantee:**

*Guarantee is a voluntary service provided by the seller or manufacturer in addition to the warranty; the content of the guarantee is therefore not required by law. The guarantee includes the remedy of material defects through repair or replacement.*

*In common parlance, any liability for defects for a purchased item is referred to as a guarantee. This is not correct. The aforementioned amendment only relates to warranty schemes.*

Please read this user manual carefully before using the device. This will avoid operating errors.  
What to do in case of damage?

Please contact the customer service department of your supplier, who will be happy to assist you.

## 16. Waste disposal

Do not dispose of this device with the household garbage!

According to the EU directive RL2002/96/EG (WEEE - Directive on Waste Electrical and Electronic Equipment), this product must be recycled at the end of its lifetime.

For information on local waste disposal points for electrical and electronic devices in your region, please contact your local authority.