



Thank you for purchasing the **Birth Alarm Premium Plus App with app support**. This is an extremely reliable foaling alert system. We recommend reading this manual carefully before use, as correct installation and operation are essential for proper functioning.

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1. Introduction

When your mare is about to foal, you want to be present so that you can intervene in case of complications or call a veterinarian.

Horses and ponies have a natural tendency to lie stretched out on their left or right side during foaling. This gives them more room during contractions. The Birth Alarm Premium Plus App responds to this.

By simply fitting the Birth Alarm Premium Plus App in an anti-roll girth (or under the halter of your mare), it will alert you when foaling begins.

2. Package contents

1. **The Birth Alarm Premium Plus App foaling monitor.**
2. **The special holder** (The Birth Alarm Premium Plus App slides into this holder.) This holder can be attached either under the halter of your mare or in the ring of the anti-roll girth.
3. **The special screwdriver.** On one side, you can use it to open your Birth Alarm Premium Plus App (for example when the batteries need to be replaced or when you need to insert/remove the SIM card). The back of this screwdriver also contains a strong magnet, which can be used to operate the Birth Alarm Premium Plus App.
4. **Cable ties.** To get you started, we have included a number of cable ties (also known as “tie-wraps”). These cable ties are for single use, but are readily available at any hardware store.
5. **USB cable.** This (or a similar) cable is needed to update the software.



3. Preparing for use

3.1 First time use

When using the Birth Alarm Premium Plus App for the first time, you need to carry out these steps once:

- Unscrew the Birth Alarm Premium Plus App and remove the red label that is against the terminal of one of the batteries. The batteries will now make contact with the Birth Alarm Premium Plus App.
- Once you have done this, you can screw it back together and proceed with setup. When screwing it back together, make sure the light guides are placed above the status lights (*see 4.2*)



Unscrew



Remove label



3.2 Switching on/off

You can switch the Birth Alarm Premium Plus App on/off and operate it using the back of the supplied special screwdriver. On one of the long sides of the unit you will find 2 status lights.

To switch the Birth Alarm Premium Plus App **ON** , proceed as follows:

- Hold the back of the special screwdriver against one of the status lights. (it does not matter which one)
- The Birth Alarm Premium Plus App will now switch on. You will recognise this by both status lights lighting up green, then blue a few times, and then green again.
- After both status lights have lit up, you can **remove the screwdriver**.
- Your Birth Alarm Premium Plus App is now switched on. The status lights will briefly flash green every ~5 seconds to indicate that the Birth Alarm Premium Plus App is switched on and that everything is working correctly.



To switch the Birth Alarm Premium Plus App **OFF** again:

- Hold the back of the special screwdriver against one of the status lights again. (it does not matter which one)
- After a short time, the lights will turn red and the Birth Alarm Premium Plus App will switch itself off.



4 Inside the Birth Alarm Premium Plus App

Below you will find an overview of the system components you need to operate and use the system.

1. Batteries
2. The 2 status lights
3. SIM card holder
4. USB connector
5. LTE status LEDs
 - 5.1 "NET" – LED
 - 5.2 "RING" – LED
 - 5.3 "LTE" – LED



4.1 Installing/replacing batteries

When replacing the batteries in your Birth Alarm Premium Plus App, always use Alkaline batteries (preferably "Duracell", "Panasonic", or "Varta"). The use of rechargeable batteries is not recommended. Always replace a set of batteries in sets of 3. If you cannot remove the batteries with your fingers, you can carefully use a small screwdriver.

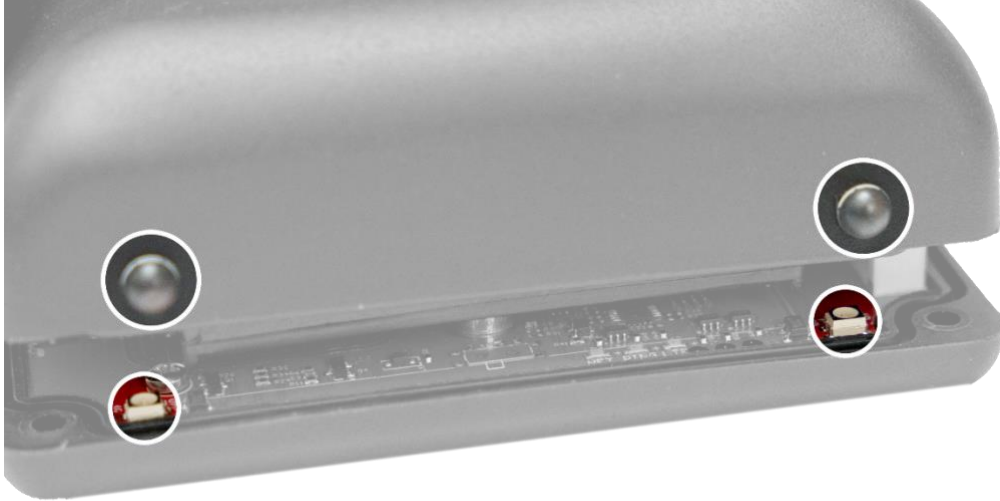
The batteries must always be inserted with the negative terminal against the spring.



- *Always use new batteries at the start of the foaling season!*
- *When you will not be using the Birth Alarm Premium Plus App for an extended period, such as after the foaling season, you should remove the batteries to prevent them from leaking and causing damage to your Birth Alarm Premium Plus App.*

4.2 Housing of the Birth Alarm Premium Plus App

The housing of the Birth Alarm Premium Plus App can only be screwed shut in one way. The light guides on the long side of the lid must be positioned on top of the status lights when screwing it closed.



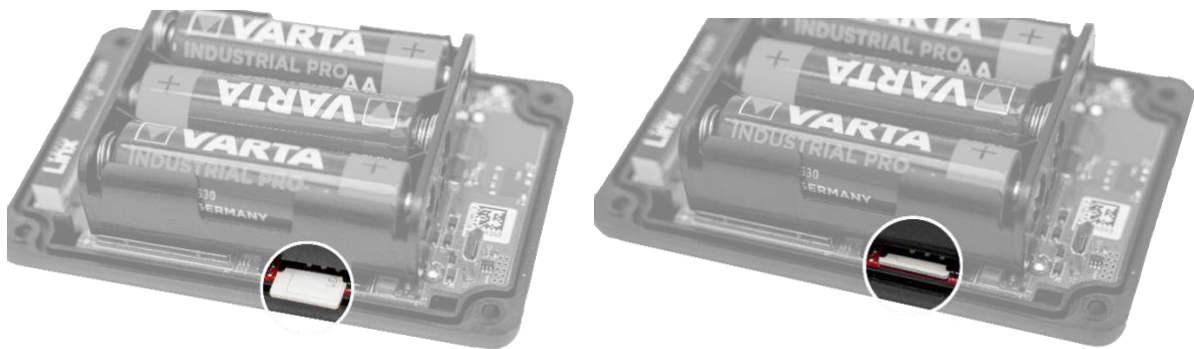
4.3 SIM card

Your Birth Alarm Premium Plus App works with a **Nano-SIM**. Modern SIM cards come in a breakout frame from which you can click out the nano-SIM format. Please note, the Nano-SIM format is the smallest format. (12.3 x 8.8 mm).



The included SIM card has already been installed and tested. You do not need to do anything with it!

Should you wish to use your own SIM card for any reason, this is possible. Your Birth Alarm Premium Plus App will then effectively function as a regular Birth Alarm Premium without the app function. We recommend consulting the Birth Alarm Premium manual for this.



5 The indicator lights (LEDs) of the Birth Alarm Premium Plus App

To view the status of your Birth Alarm Premium Plus App, there are 2 status lights on the outside of the unit, and also 3 small lights on the inside that relate solely to the internal LTE module.

5.1 The status lights

The status lights are located on the long side of the unit. Both lights behave in exactly the same way. The dual design is solely intended to allow you to read the status from both the left and right side of your mare at all times.



The table below shows the possible colour patterns that the Birth Alarm Premium Plus App can display.

Colour / pattern	Meaning
● ●	● Stand-by, battery OK
●● ●●	●● Stand-by, battery OK, sleep mode enabled
● ●	● Stand-by, battery low
● ●	● LTE/GSM active, connecting
●● ●●	●● LTE/GSM active, network reception insufficient
●● ●●	●● LTE/GSM active, network reception moderate
●● ●●	●● LTE/GSM active, network reception good

5.2 The LTE lights

The LTE lights are only visible when you unscrew the Birth Alarm Premium Plus App. Normally you do not need to read these lights, however they can be useful if you experience problems with the mobile connection and need to contact customer service.



The table below shows the possible flashing patterns and their meanings:

Name	Pattern	Meaning
NET		Module searching for network connection
NET		Module connected to network
NET		Module is making a call
RING		Module receiving a call
LTE		Module is switched on

6 The Birth Alarm App

The Birth Alarm app supports you during the foaling season by continuously monitoring your Birth Alarm Premium Plus App devices and alerting you immediately when foaling begins.

In brief, the Birth Alarm app offers:

- Real-time insight into the status, activity, battery and connection of your devices
- Immediate alarm notifications at the start of foaling (via an internet call)
- The ability to adjust the name, photo and settings per device
- Overview and management of multiple devices in one app
- Easy sharing of access with other users (e.g. family, friends or stable team)

6.1 Birth Alarm app download

To receive notifications from your Birth Alarm Premium Plus App with app support on your phone, you need to install our own app “**Birth Alarm**”.

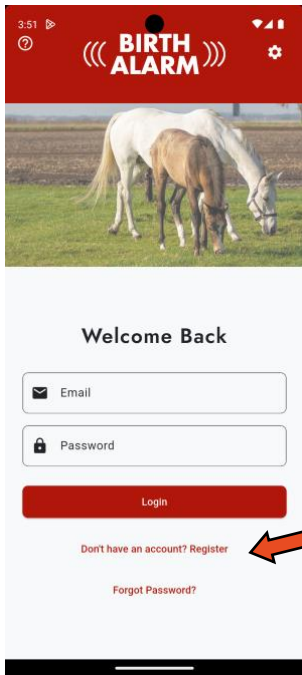
It is available in the **App Store** for iOS and **Google Play Store** for Android.

You can also easily download the app by scanning the QR code below:



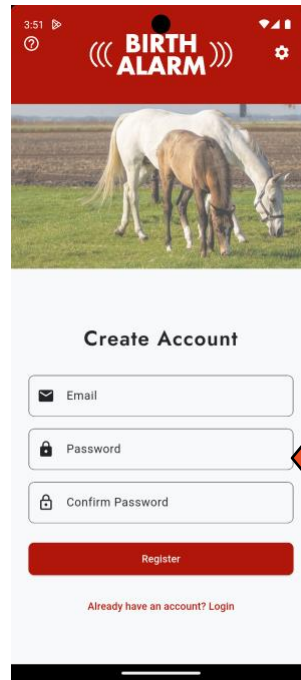
6.2 Register your account

1 2



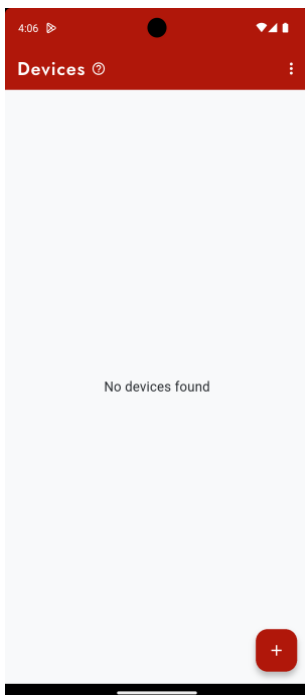
When you start the Birth Alarm app, you will see this screen.

Tap 'No account yet? Register' to create a new account.



Enter your email address and desired password.

3

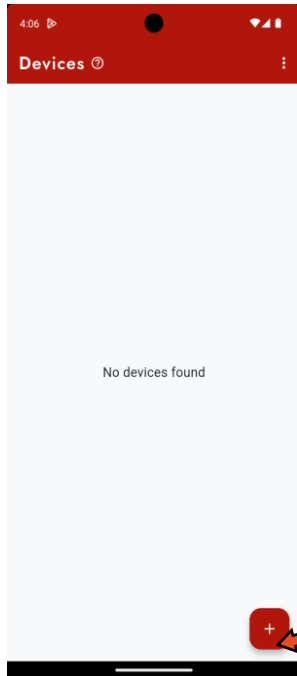


After registering you will see an empty device list.

You are now ready to add a new device.

6.3 Register your Birth Alarm

1 2

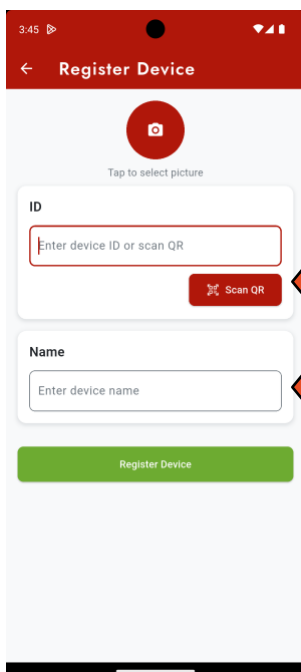


Tap the + button to register a new device.



Tap 'Register new device'.

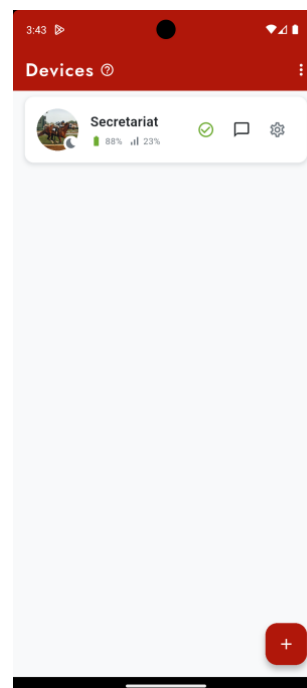
3 4



Tap 'Scan QR' to open your camera. Scan the QR code that is in the product box.

You can enter a suitable device name, for example the name of your mare.

Ready? Then tap 'Register device'.



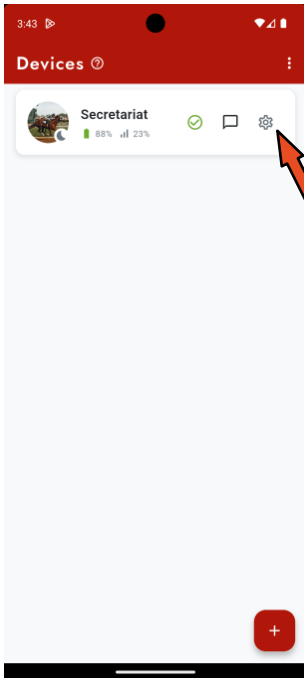
Your mare's Birth Alarm is now linked to your account.

You can now view the status, battery and signal in the device list.

6.4 Invite someone to use your Birth Alarm together

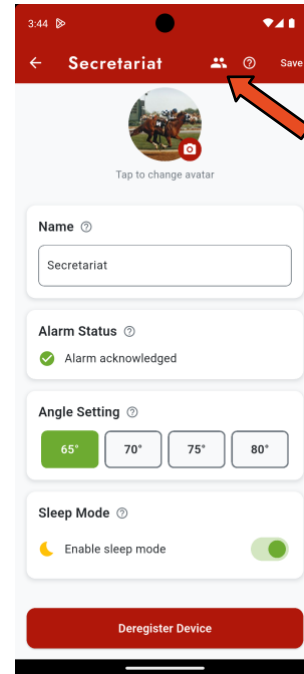
Give another user access to notifications from your Birth Alarm, so you can receive notifications together and monitor the birth.

1 2



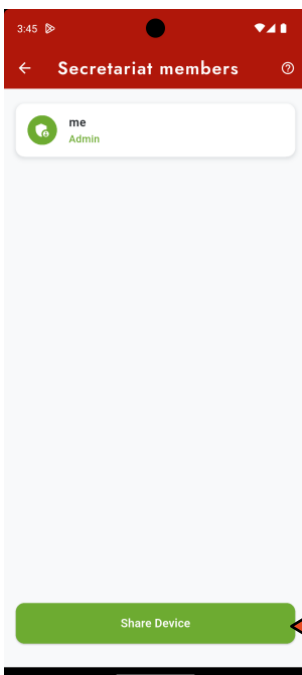
With the Birth Alarm app, you can share your Birth Alarm with another user.

To get started, tap the settings button of the Birth Alarm you want to share.



Tap the 'Users' icon

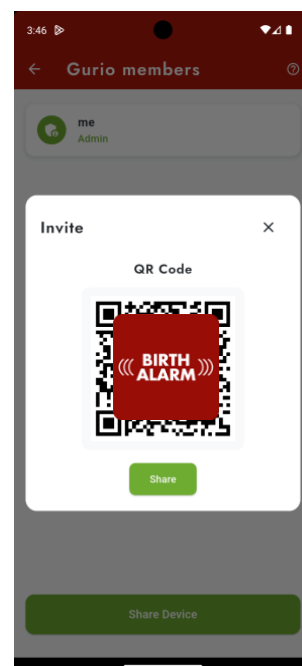
3 4



You will see a list of members.

Tap 'Share device' to show someone else the QR code or send a link.

This is required to add the device.



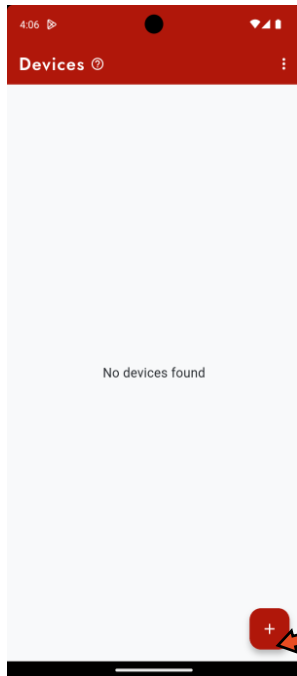
Let the invited person scan the QR code **in the Birth Alarm app** (see step 6.5) or follow the shared link.

The device will then appear in their Birth Alarm app.

6.5 Accept Birth Alarm invitation

Accept the invitation from the administrator to receive notifications from a Birth Alarm.

1 2



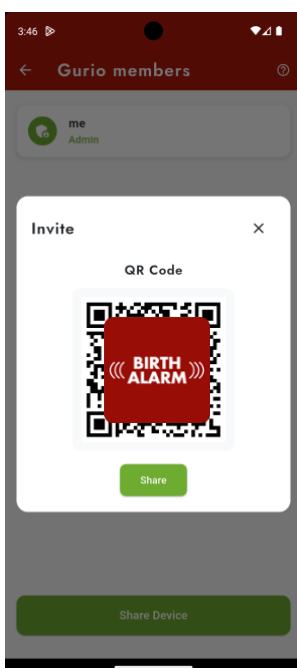
With the Birth Alarm app, you can add Birth Alarms from other users.

Tap the + button to add a Birth Alarm.

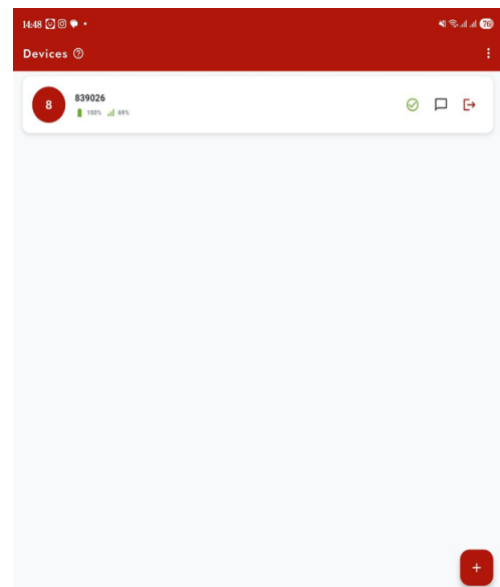


Tap 'Join existing group'

3 4



Scan the QR code provided by the Birth Alarm owner or click on the sent link.



Another person's Birth Alarm has now been shared with your account.

You can now view the status, battery and signal in the device list.

6.6 View the log

1 2



The Birth Alarm app shows you the notification history and allows you to communicate with other users about the mare.

To get started, tap the “Messages” icon of the Birth Alarm device.



The log contains events about the mare in chronological order.

These include notifications, battery warnings and more.

You can also write down the status of the mare yourself by typing a message.

The log shows notifications from the mare with associated measurement values. Below is an explanation of what these values mean:

Battery level

Next to “Battery” you will see the remaining battery percentage. We recommend replacing the battery at approximately 15%.

Signal level

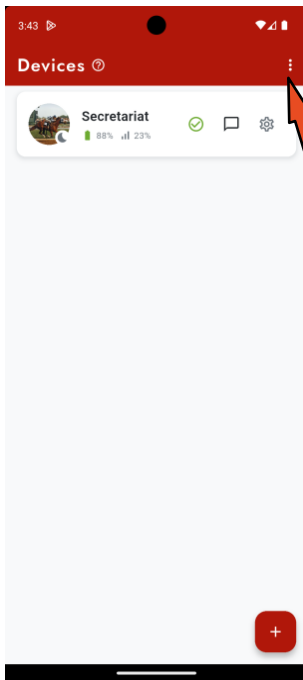
The signal level indicates the reception strength of the Birth Alarm Premium Plus App. This must be at least 15%. At a lower level, the system cannot function reliably. The Birth Alarm Premium Plus App automatically selects the best available network.

Measured lying angle

Next to “Angle” you will see the measured lying angle in degrees. You can use this value to adjust the detection angle if necessary.

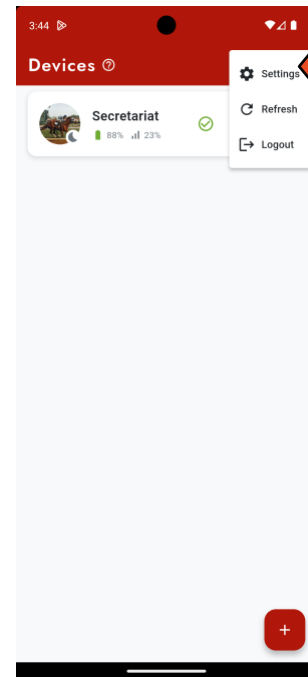
6.7 Setting the language

1 2



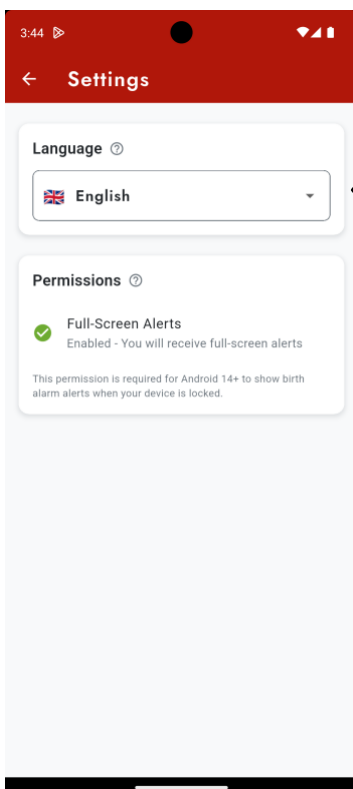
With the Birth Alarm app, you can set your own language.

To get started, tap the three dots in the top right corner of the screen.



Tap 'Settings'.

3 4



Change the language to the language you want.

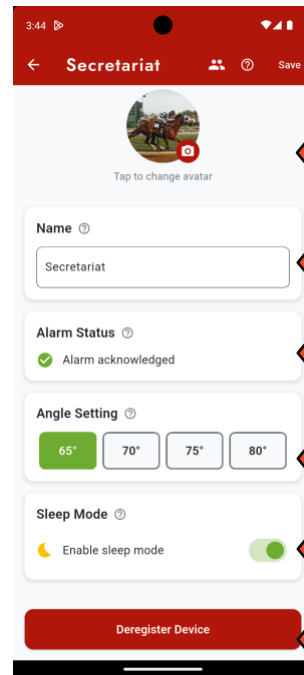
6.8 Adjusting Birth Alarm settings

1 2



With the Birth Alarm app, you can set the activation angle and switch sleep mode on or off.

To get started, press the settings button of the Birth Alarm.



Here you can:

Set a photo

Change the name

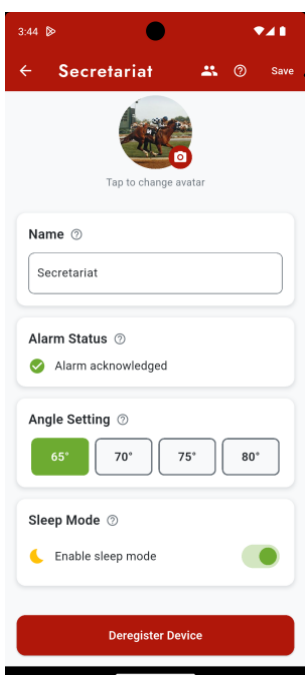
Confirm the alarm

Set the detection angle

Switch sleep mode on or off

Remove the device

3



Do not forget to tap 'Save' after making a change.

Sleep mode

Use sleep mode when your heavily pregnant mare is resting or sleeping fully stretched out.

In this mode, a notification caused by simply lying stretched out is prevented.

The alarm is only activated when lying stretched out is accompanied by restlessness, such as during contractions. Sleep mode can be easily switched on or off.

Angle setting

The Birth Alarm Premium Plus App detects when your mare lies stretched out on her side. This is based on the lying angle: by default, an angle greater than 65° is considered abnormal, after which the alarm is activated.

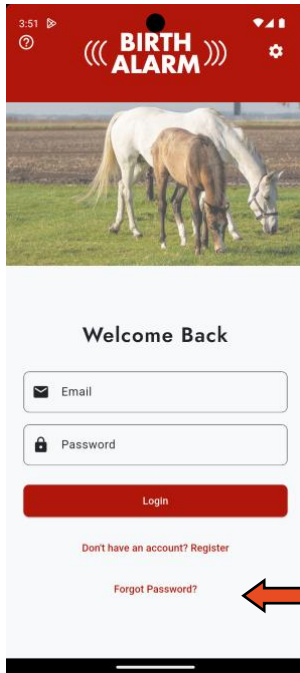
This threshold is adjustable; a higher value makes the alarm less sensitive and causes it to respond later.

If you repeatedly receive notifications when nothing is wrong (for example at a lying angle of 65°), you can increase the detection angle for this mare, for example to 70°. Preferably do **not set this higher than 75°**.

Please note: always try normal mode first before activating sleep mode. Try sleep mode first before adjusting the detection angle.

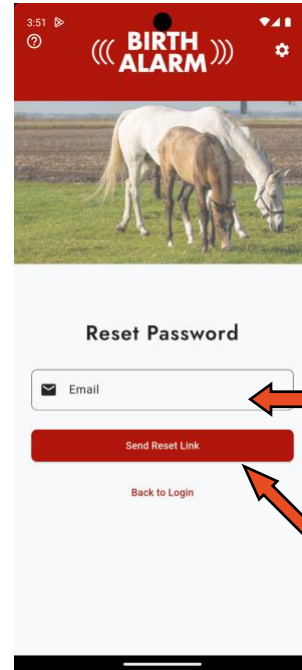
6.9 Reset password

1 2



With the Birth Alarm app, you can reset your password if you have forgotten it.

Tap “Forgot password?” to get started.

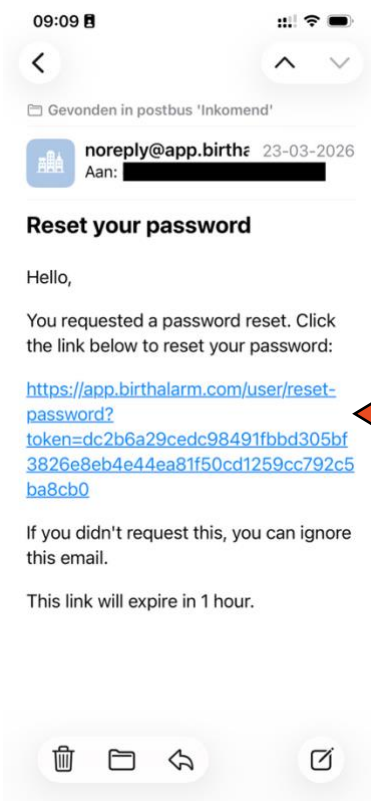


Enter your email address.

After clicking “Send reset link”

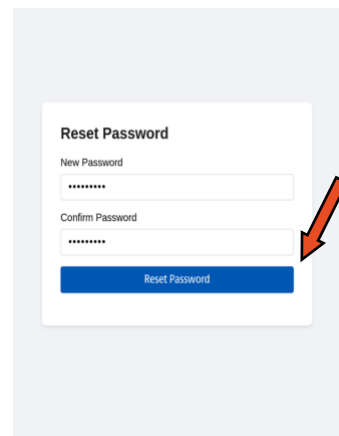
You will receive a link in your mailbox.

3 4



Click on the link to start the reset.

(this can also be done on a device other than the one with the app)



Enter your new password twice and click “Reset password”.

Your password has now been updated. You can now log in to the Birth Alarm app with your new credentials.

7. Testing

Before using the Birth Alarm Premium Plus App, it is important to test it first to make sure it is working correctly. You can easily do this yourself.

- Take the Birth Alarm Premium Plus App preferably to the location where your mare is.
- Take the Birth Alarm Premium Plus App in your hands and switch it on so that the status light flashes green once every 4 seconds.
- Now rotate the Birth Alarm Premium Plus App 90 degrees so that one of the narrow sides is pointing upwards. *(Please note: When using sleep mode, you must also return the Birth Alarm Premium Plus App to a horizontal position after 15 seconds, within 3 minutes)*
- The status light will now start flashing orange.
- After a few seconds the status light will turn blue, and a connection will be established.
- Within a short time the Birth Alarm Premium Plus App will send a notification to your Birth Alarm app.
- Open the Birth Alarm app and confirm the notification

Als de test goed is verlopen kunt u de Birth Alarm Premium Plus App to your mare using the anti-roll girth or the halter.

8 Mounting on the mare

To switch the Birth Alarm Premium Plus App in a girth or under the halter, it must be fitted in the supplied holder, proceed as followorden, dit gaat als volgt:

- Carefully slide the Birth Alarm Premium Plus App into the holder as shown in the photo below.
- Make sure both status lights are visible.
- Then close the flap with the supplied clip.

i In the example below, the status lights are positioned towards the clip, however you may also place the unit the other way around. This does not affect the operation.



8.2 Mounting in an anti-roll girth

When using the Birth Alarm Premium Plus App in an anti-roll girth, mount the holder with the Birth Alarm Premium Plus App as shown in the image below. Use 6 tie-wraps to secure it in the anti-roll girth. Make sure the monitor sits level relative to the mare's back.



8.2 Mounting under the halter

If you want to use the Birth Alarm Premium Plus App under a halter, mount it as prescribed below using 3 tie-wraps. Make sure the halter fits reasonably snugly so that the Birth Alarm Premium Plus App hangs directly below the jaw of the mare.



9 Summary and instructions for use

Below is a brief description of how the Birth Alarm Premium Plus App works and how it should be used. We recommend reading this text.

The Birth Alarm Premium Plus App checks the posture of your mare every 4 seconds. In between, the Birth Alarm Premium Plus App will switch to an energy-saving state so as not to drain the battery. When your mare has contractions and lies down stretched out, the Birth Alarm Premium Plus App will alert you. You will receive a notification from the Birth Alarm app. Open the app and stop the Birth Alarm Premium Plus App using the “Confirm” button. The Birth Alarm Premium Plus App will not become active again until the horse lies down again after some time.

When you have added the Birth Alarm Premium Plus App to a group chat, all group members will receive a notification from the Birth Alarm Premium Plus App simultaneously when foaling is about to take place. The alarm can be stopped by any one of the members of the group.

On a set of alkaline batteries, the system can typically run for at least one month. The use of rechargeable or cheaper zinc-carbon batteries is strongly discouraged!

10 Technical specifications

Supply voltage	4,5V (3xAA Alkaline)
Current consumption	200uA average (1.3A peak)
LTE Module	LTE FDD B1/B8/B7/B8/B20/B28 WCDMA B1/B8 GSM/EDGE B3/B8
Sleep mode	Yes
Detection angle	Adjustable 65..80°
Notification types	Birth Alarm App, Calling, SMS

Warranty: Up to 2 years from the date of purchase. Does not apply in case of breakage, water damage and/or other damage.

Disclaimer: The manufacturer and importer are not liable for any damage whatsoever arising from the use of the Birth Alarm Premium Plus App.

Delivery and services are carried out in accordance with the general terms and conditions of Dijkstra-Group B.V.