BIRD ALERT 2.0

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Dear customer,

Congratulations on your new BirdAlert® 2.0 detection system.

Before you start using your BirdAlert® 2.0, please read this user manual thoroughly. It is recommended that you keep this manual for future use.
BirdAlert® 2.0 is developed to detect and scare specific birds using various scare tools.
By default BirdAlert® 2.0 comes with two speakers as standard scare tools.

For more information about which bird species it can scare and available scare tools, visit www.wilddetect.com.

Experience shows that birds adapt and return when exposed to scare tools that follow the same, unaltered patterns. Such examples can be stationary scarecrows, or gas cannons and speakers that follow the same unaltered patterns.
The advantage of using BirdAlert® 2.0 is the wide variety of scare tools that can be connected. This allows for greater success than other competitors' products.

Experience has shown that using a variation of different scare tools has the greatest and most lasting effect, decreasing the likelihood of birds adapting and returning.

Follow the safety instructions!
This symbol denotes a warning of potential danger if the guidelines in this user manual are not followed.

Table of content

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Quick Guide 1
1. WebApp 2
1.1 Create an account 2
1.2 Adding a BirdAlert® 2.0 to your account 2
1.3 Default Settings 3
2. BirdAlert® 2.0 Overview 4
2. 1 Product description 6
2. 2 Technical specifications 7
3. How to assemble BirdAlert® 2.0 8
3.1 Power Supply 8
3.2 Assembling BirdAlert® 2.0 8
3.3 Turning your BirdAlert® 2.0 on/off 9
4. How to use BirdAlert® 2.0 10
5. Safety precautions 11
6. Maintenance 11
7. Responsibility 12
8. Environmental considerations 13
9. Disposal 13
10. Warranty 14
11. Troubleshooting Q&A 15
12. Letter of conformance 16

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Quick Guide

1. WebApp

Start by accessing our WebApp at birdalert.dk. Here you can monitor your BirdAlert®'s, and change their settings. For more information about how to get started with the WebApp, go to wilddetect.com/en/app.

2. Connecting the selected power source

Plug in your power supply, either a 230 V adapter or solar panel, in the black socket on the back of the BirdAlert® .

3. Fitting and connecting the BirdAlert® 2.0 microphone

Push the microphone's cable through the gap at the top part of the microphone holder, before sliding the microphone into it. Ensure the cable sticks out at the bottom of the microphone holder. The microphone can then be connected to either of the two red sockets, input A1 and A2.

4. Connecting scare tools to the BirdAlert® 2.0

Only connect scare tools approved by Wilddetct® to the BirdAlert® . All scare tools can be connected to both the blue and green sockets, inputs 1-8. ***Note:*** speakers can only be connected to the green sockets, inputs 1-4.
Read more about our scare tools on wilddetect.com.

5. Turn the BirdAlert® 2.0 on

Push the on/off button to turn on the BirdAlert®. The button's LED will flash red whilst starting up, which takes approximately 2 minutes. Once the red LED is steady, the system is ready.

6. Turn the BirdAlert® 2.0 off

Push the on/off button to turn off the BirdAlert®.

1. WebApp

To access the WebApp, go to our homepage www.birdalert.dk. Here you can access your BirdAlert® 2.0, where you can monitor and change your settings.

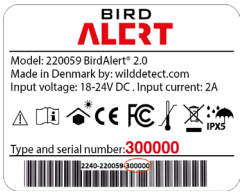
1.1 Create an account

To get started, you must first create an account. Do this by following these instructions:

1. Click “Account” in the top right corner of the page.
2. Click “Create account”.
3. Fill in required details and click “Create account”.

You have now created your account.

1.2 Adding a BirdAlert® 2.0 to your account



To add a BirdAlert® 2.0 to your account, you will need your BirdAlert® 2.0 serial number and box ID. Both are located on your BirdAlert® 2.0.

To add a BirdAlert® 2.0, follow these steps:

1. Click the blue circle with a plus in the lower left corner of the page.
2. Choose a case that best fits what your BirdAlert® 2.0 is going to be used for.

To see more information about the different cases, visit www.wilddetect.com/en/solutions/

Note that the BirdAlert® 2.0 settings will automatically adjust to best fit the chosen case in accordance with Wilddetect®’s experience. If you wish to keep the current settings, choose “Keep current settings”.

3. Fill in the required details.

- Name of your choice of your BirdAlert® 2.0 for future reference.
- The ID of your BirdAlert® 2.0.
- The serial number your BirdAlert® 2.0.
- Click “Add BirdAlert”.

You can now access your BirdAlert® 2.0 by clicking its name in the list on the WebApp.

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1.3 Default Settings

The BirdAlert® 2.0 comes with following default settings:

- The system is sleeping between 20:00 (8 PM) and 08:00 (8 AM), all week.
- The BirdAlert® 2.0 is set to listen for a variety of different bird species.

Scan QR to see all bird species.

- The sensitivity for each species is set to neutral = 0 but adjusts automatically over time in accordance with detected bird activity.

These settings can be changed and controlled through the WebApp.

Scan QR or visit our homepage to find more information on how to get started using the WebApp and it's functions.

2. BirdAlert® 2.0 Overview

Below you find an overview of the box.

1. The BirdAlert box
2. Serial number of the box
3. Speakers
4. Microphone
5. Handle to lift BirdAlert

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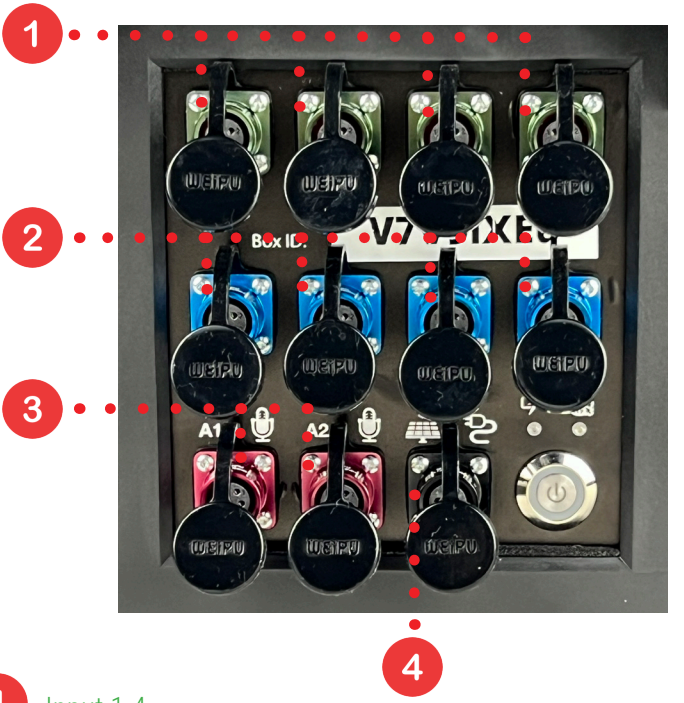
Below you find an overview of the inouts and outputs.



1 Input 1-4

2 Input 5-8

3 Input A1 and A2

4 Power supply

5 Blue LED is on when connected to the internet

6 Green LED is on when connected to a power supply

7 On/off button

2. 1 Product description

Product description	BirdAlert® 2.0
Part number	220059
Version	Version 1.0
Description	BirdAlert® 2.0 is an intelligent bird detection system, which recognises injurious bird species through the BirdAlert® 2.0. If undesirable birds are detected, BirdAlert® 2.0 can activate connected scare tools in a varied pattern and thus creates the optimal scare effect.
Manufacturer	WildDetect® ApS.
External materials	BirdAlert® 2.0 is made of 100% recyclable plastic, Polypropylene Reinforced with 30% Glass Fibre, PP+GF30. BirdAlert® 2.0 microphone is made of stainless steel A2. BirdAlert® 2.0, including the microphone, is dust proof and resistant to heavy rain.

Please note: BirdAlert® 2.0 may not be submerged in liquid or be cleaned by pressure washers.

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2. 2 Technical specifications

Supply voltage	18-20 V DC	
Supply current	2 A	
Operating voltage	12 V DC	
System active	2 W	
Microphone	WildDetect® microphone, 3.3 V	
Internal battery	12 V, 33Ah lead-acid battery	
External battery	The external battery must be a 12 V lead-acid battery with a capacity of your choice	
Output no. 1-8	12 V, 1 A max	
Output A1 and A2	3.3 V	
Dimensions	Width	31 cm
	Depth	25 cm
	Height without equipment	23 cm
	Height with equipment	56 cm
Weight	15,5 kg	
Material	100% recyclable plastic, Polypropylene Reinforced with 30% Glass Fibre, PP+GF30	
Temperature	Operation	- 10°C to +40°C
	Storage	+15°C to +25°C
Endurance	Water and dust proof	

3. How to assemble BirdAlert® 2.0

Learn how to assemble your BirdAlert® 2.0 by following this guide.

3.1 Power Supply

A subsequent purchase of a power supply is needed before using BirdAlert® 2.0.

There are the three following options:
1. An outdoor charger.
2. An indoor charger.
3. A solar panel.

You can contact your distributor to find the best suited option for you.

3.2 Assembling BirdAlert® 2.0

1. Remove the BirdAlert® 2.0 from its packaging.

2. Push the microphone's cable through the gap at the top part of the microphone holder, before sliding the microphone into it. Once the microphone has been placed, ensure the cable sticks out at the bottom of the microphone holder.

3. The microphone can then be connected to either of the two red sockets, inputs A1 and A2.

4. By default, BirdAlert® 2.0 comes with two speakers as standard scare tools. Up to four speakers can be connected.

   Note: Speakers can only be connected to the green sockets, inputs 1-4.

5. Any WildDetect® approved external scare tools can be attached to both the green and blue sockets, inputs 1-8.

   Note: Scareman should be plugged into the blue sockets, inputs 5-8. Any external 12 V lead acid batteries can be plugged into the blue sockets, inputs 5-8.

6. Plug in your power supply, either a 230 V adapter or solar panel, into the black power supply socket. A green LED turns on when the BirdAlert® 2.0 is connected to a power supply, and is turned off when running on battery. See section 3.1 for more information about power supply options.

7. When the BirdAlert® 2.0 is turned on, it will automatically connect to the internet. A blue LED will turn on and start flashing. Once the blue LED is steady, it is connected to the internet

Do not attempt to open the box and/or break the tape as shown in figure.

3.3 Turning your BirdAlert® 2.0 on/off

When you receive a new BirdAlert® 2.0 from WildDetect® the system is off by default. The red LED in the on/off button indicates if the system is on or off. When the BirdAlert® 2.0 is turned off, the red LED is off.

- **Turn the BirdAlert® 2.0 on**
  Push the on/off button to turn on the BirdAlert® 2.0. The button's LED will flash red whilst starting up, which takes approximately 2 minutes. Sometimes it can take up to 10 minutes (see troubleshooter section p. 15). Once the red LED is steady, the system is ready.

- **Turn the BirdAlert® 2.0 off**
  Push the on/off button to turn off the BirdAlert® 2.0. Once turned off, the red LED turns off.

4. How to use BirdAlert® 2.0

BirdAlert® 2.0 is developed to detect and scare specific birds using various scare tools. For more information about which bird species it can scare, visit www.wilddetect.com.

By default BirdAlert® 2.0 comes with two speakers as standard scare tools.

For more information about additional scare tools you can connect to BirdAlert® 2.0, please visit www.wilddetect.com or ontact your supplier.

For optimal results, it is recommended that you follow these guidelines:

- To ensure optimal working conditions for the microphone, we recommended that the system is placed at least 100 metres away from normal traffic, and a minimum of 200 metres from windmills and heavy traffic.
- The optimal effect is achieved by placing the BirdAlert® 2.0 in the centre of the desired area.
- When the BirdAlert® 2.0 is not needed, it is recommended that you turn off the box to prevent birds from habituating.

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5. Safety precautions

Before BirdAlert® 2.0 is installed, the following safety instructions must be read carefully.

- BirdAlert® 2.0 must be turned off before the system is moved. This is to prevent untimely activation of the scare tools, which can potentially create dangerous situations.

- Scare tools can sometimes be bothersome to its surroundings e.g. noise generated by speakers, propane cannons, or light being reflected towards nearby drivers. Check and adhere to local laws and guidelines.

- If the speakers are connected to the BirdAlert® 2.0, you must wear hearing protectors when working with it.

- Do not submerge the BirdAlert® 2.0 into any liquid.

6. Maintenance

Do not under any circumstances attempt to clean the BirdAlert® 2.0 with a pressure washer or a compressed air gun. Doing so can damage the electric components within the BirdAlert® 2.0. Turn off the BirdAlert® 2.0 before cleaning. This must be done to avoid any unwanted activation of scare tools, which can create risks of personal damage.

Dust and dirt may reduce the sensitivity and range of the microphone system, thereby reducing the efficiency of the scare tools. To avoid this, remove dust and dirt on a regular basis. The BirdAlert® 2.0 can be cleaned using soapy water and a wrung cloth.

For correct cleaning of third party equipment, WildDetect® refers to the manufacturer for guidance on maintenance.

During storage, the BirdAlert® 2.0 system must be turned off to protect the internal battery from over-discharging, and to avoid activating any attached scare tools untimely.

7. Responsibility

It is the customer's responsibility to adhere to the safety instructions and standards in the user manual. Using a BirdAlert® 2.0 is at the customer's own risk, it is therefore important to follow all safety instructions.

WildDetect® is not responsible for injuries caused due to neglect of following the safety instructions.

It is the customer's responsibility to check the functionality of the BirdAlert® 2.0, and contact WildDetect® in case of defects. WildDetect® is not responsible for any absent functionality due to defects the customer has not made WildDetect® aware of.

External environmental factors like weather, can decrease the efficiency of BirdAlert® 2.0. WildDetect® is not responsible for any absent effect of the BirdAlert® 2.0 due to heavy rain, strong winds, or other environmental factors.

BirdAlert® 2.0 is developed to scare certain bird species from specific areas, with the purpose of minimising economic loss. WildDetect® is not responsible for any economic loss, problems, and damage due to any absent effect of the BirdAlert® 2.0.

WildDetect® is solely responsible for the technical functionality of BirdAlert® 2.0, and cannot be held responsible for the functionality of third party scare tools and equipment.

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8. Environmental considerations

BirdAlert® 2.0 contains a lead acid battery that contains fluid. For batteries that contain fluids, the following environmental
regulations apply.

- Batteries must always be kept with due care to the environment to avoid contamination of soil and groundwater.

- Batteries must be kept in a suitable acid proof packaging, and under a roof, on a firm bottom with no outlets to sewers, soil, stream or groundwater.

9. Disposal

The following environmental regulations apply when disposing of the battery and BirdAlert® 2.0.

The product(s) should not be mixed with general household waste (2012/19/EU)

The product(s) should not be mixed with general household waste (2006/66/EF)

10. Warranty

WildDetect® offers a one year warranty on BirdAlert® 2.0 and enclosed products from the billing date. The purchase invoice functions as the customer's warranty certificate. The warranty covers product defects present on the billing date.

The warranty is annulled if the guidelines described in this manual are not followed.

The warranty is annulled if:

- The customer opens the BirdAlert® 2.0 box and/or breaks the tape as shown in figure.
- Third party equipment, which is not approved by WildDetect®, is connected to BirdAlert® 2.0.
- BirdAlert® 2.0 Is damaged by extreme physical strain.
- BirdAlert® 2.0 Is hit by lightning.
- BirdAlert® 2.0 Is submerged in liquid.

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11. Troubleshooting Q&A

Q. My BirdAlert® 2.0 is not turning on
A. Plug it into a power supply. Remember to charge it for 16 hours.

Q. My BirdAlert® 2.0 is taking longer than 2 minutes to start up
A. It is trying to connect to the internet. It can take up to 10 minutes before completion. If it takes longer, try turning it off and on again.

Q. My BirdAlert® 2.0 is not connecting to the internet
A. Create a hotspot for your BirdAlert® 2.0 to connect to. Visit our website for more information on how to do this.

Q. The LEDs are not turned on BirdAlert® 2.0
A. When the LED lights are not turning on, the BirdAlert® 2.0 is either in sleep mode or battery protection mode. If you wish to deactivate these modes, turn your BirdAlert® 2.0 on and off again.

Q. The green LED is not turning on
A. It is not turning on because it is not connected to a power supply. Check that your power supply is turned on. The solar panel may currently not be active due to cloudy weather.

12. Letter of conformance