



BATbox S

# USER MANUAL



# SAFETY INSTRUCTIONS

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This manual belongs to the installation box BATbox S that is especially made for the installation of the bat-monitoring device BATmode S/S+ and BATmode 2S/2S+ at wind turbines. Please read these instructions completely and carefully before mounting the BATbox S or installing the BATmode S/S+ or BATmode 2S/2S+ System. The safety instructions contained within must be observed.

Ensure a secure mounting of the BATbox S.

*Dropping parts can harm persons or equipment.*

Ensure that nobody can stumble on the BATbox S or installed power cable.

*Stumbling can harm persons and damage system parts.*

Only use accessories supplied or authorized by bat bioacoustictechnology.

*The use of unauthorized accessories may damage the device.*

Please contact our support if the BATbox S shows any damage or does not work properly.

*Do not open system parts and try to repair damage by yourself or through unauthorized personnel.*

*This will cause the loss of warranty.*



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When working on/in electrical plants, always follow the five safety rules in accordance with EN50110:

1. Disconnect mains.
2. Secure against being switched on again.
3. Determine voltage free status.
4. Earth and short-circuit.
5. Provide protection by covers or barriers for any neighboring live parts.



Connect the BATbox S never to a multiple socket.

If the integrated multiple socket shows any external damages caused by transport or improper handling, it have to be taken out of service immediately.

Keep the integrated multiple socket away from rain and moisture. Ingress of water may cause an electrical shock.

To pull the power plug from the socket, pull the power plug directly, never pull the power cable.

Do not expose the equipment to extreme temperatures, solar radiation, high humidity or moisture.



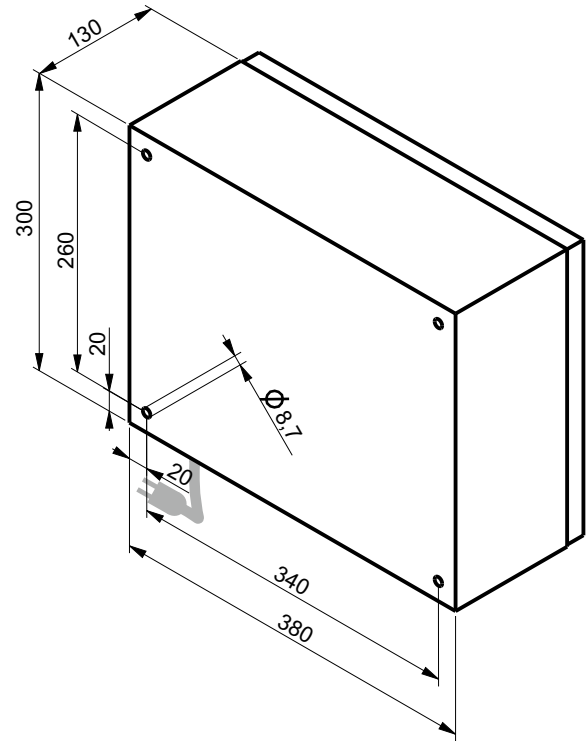
# Mounting the BATbox S

## Required tools

- 4 screws (maximum M8)
- Screwdriver
- Possibly drill for predrilling mounting holes

For fixing the BATbox S has one mounting hole at every corner. Possibly, predrilling and the use of dowels may be necessary. For the exact positions of the holes, please see the adjacent drawing. Ensure an adequate earthing of the BATbox S and all components.

For mounting the BATbox S, you can also use magnetic feet, which are available from us, to attach the BATbox S to a steel wall in the wind turbine.





# Mounting the DIN rail adapters

## Required tools

- Crosshead screwdriver
- Tweezers

## Step 1

First, remove the feet of your BATmode and mount the supplied VESA mounting brackets to the bottom of the BATmode using the screws of the dismantled feet. Please note that the VESA notches point in the same direction.

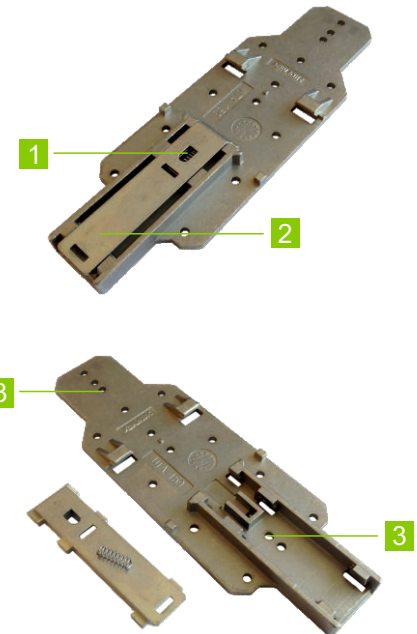
## Step 2

Remove the springs **1** of the DIN rail adapters using tweezers and pull out the boltings **2** backwards. Now mount the DIN rail adapters to their mounting holes **3** using the supplied screws to the VESA installation brackets of the BATmode.

## Step 3

Push back the boltings of the adapters and fix them with the previously removed springs.

- 1** Spring
- 2** Bolting
- 3** Mounting holes





# Installation of BATmode and UltraSoundGate

## Required tools

None

## Step 1

Hook the adapters on the DIN rail in the BATbox S. The on/off button should face away from the control cabinet door. Press now the BATmode down, the DIN rail adapters snap into place hearable.



## Step 2

Connect the BATmode to the power supply and connect it to a free socket on the multiple socket.

## Step 3

Clamp the UltraSoundGate into the provided bracket on the left side of the BATmode and connect it with the USB cable to the green marked USB port of the BATmode





# Removal of the BATmode

## Required tools

- Short screwdriver

## Step 1

Unlock the DIN rail adapters by pulling the two eyes towards you, using a short screwdriver. Pull the BATmode slightly upwards with the other hand.

## Schritt 2

Subsequently, you can slide the BATmode backwards and remove it.







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