

# Mounting and operating manual



## Powerboat



Radio remote control for ceiling fans



## About this operating instructions

Before using the fan, read the operating instructions carefully. Keep the operating instructions within reach. Never pass the fan onto another person without the operating instructions.

### Explanation of symbols:



#### **Dangerous electric voltage**

Warn the user of the dangers caused by electricity.



#### **Careful**

Particular note for the user.

### Describing the remote control Powerboat

The remote control Powerboat is developed exclusively for controlling ceiling fans with and without light kits. The motor can be switched between 3 speeds and off. If present, a light kit could be switched independently from motor function on and off (Powerboat oD) and dimmed by a full range dimmer (Powerboat).

Technical data:	Powerboat	Powerboat oD
Code	<b>85220</b>	<b>85221</b>
Mains voltage	230 Volt ~ 50 Hz	
Motor max power	115 Watt	
Protection class	I	
No. of speeds	3	
Power light kit max.	300 Watt	
Full range dimmer	yes	no
Weight	app. 0,15 kg	
Subject to change without notice		

### Content of packing box:

#### **Powerboat**

1 Transmitter with holder

1 receiver

*Batteries are not included.*



#### **Caution**

- Unpack the fan, check if everything is contained and for signs of damage.
- Keep the packing out of reach of children and take the environment into account when disposing.



### Caution

The pull chain switch of your fan must be set on highest speed. Damages as result of disregarding this rule are not covered by any warranty!

**Only operate the unit when completely assembled!**

### Installation advice

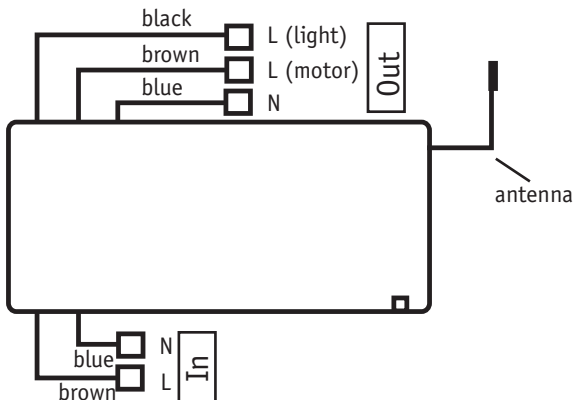


### Caution

According to VDE 0100 rule this device should only be installed by a qualified technician.

- The voltage details on the nameplate are obliged to be conform with the available mains voltage. The building mains must be earthed!
- Do not damage the wires during the installation.
- The handling of the AC power line should ensure that it can not be damaged or pinched.
- Do not use this remote control in humid or wet rooms or rooms in danger of fire or explosion.
- Only for use with ceiling fans -  
**Do not divert from its intended use!**

### Electric wiring diagramm



**CAUTION:** Please follow the printing on the receiver!

### Installation

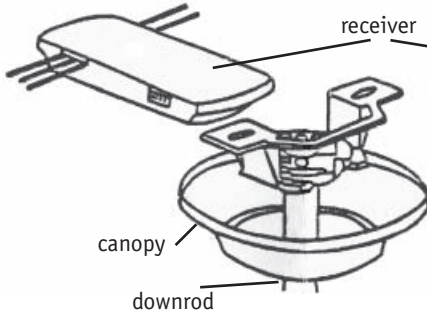


### Caution

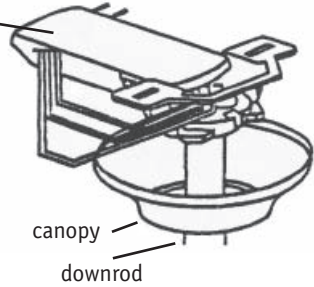
- Disconnect the electricity before working on the electrics.  
Prevent an accident switch on through a third party!

## Positioning the remote control at fans with downrod

sketch 1



sketch 2



1. Place the receiver as shown in sketch 1 and 2 into the mounting bracket. Lay the back antenna wire on top of the receiver into the canopy.
2. Make the electrical connection to your fan as per wiring diagram on page 9. The handling of the AC power line should ensure that it can not be damaged or pinched!  
**If the live to motor (L-motor) and live fan light (L-light) of your ceiling fan are connected combined, they must be separated BEFORE installing your remote control receiver.**
3. Install the canopy on the mounting bracket.

**The pull chain switch of your ceiling fan must be set on highest speed.**

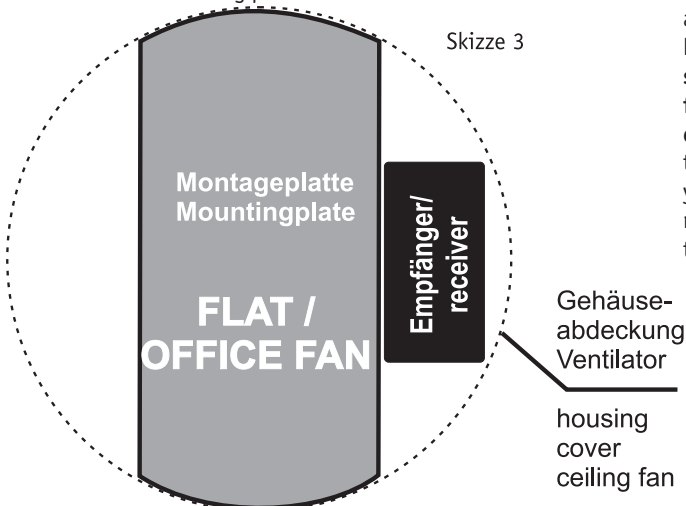
After setting the mains supply back on your ceiling fan with the remote control it is ready to be used.

## Positioning the remote control at low profile fans

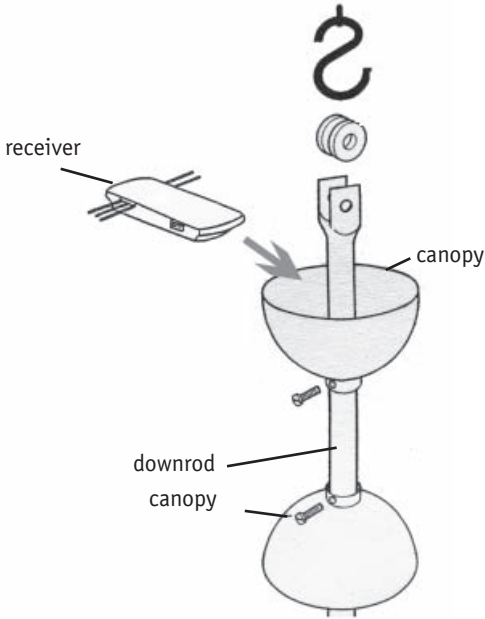
Please install the receiver of your remote control as shown schematically in sketch 3.

After the electrical connection has been set up, use the self-adhesive stickers to attach the receiver onto the ceiling. If this is not possible, i.e. due to a rendering coat, cable straps need to be used for the mounting plate to assure that the receiver can not crash off the ceiling.

Place the antenna cable into the housing. **The pull chain switch of your ceiling fan must be set on highest speed.** After setting the mains supply back on your ceiling fan with the remote control it is ready to be used.



## Positioning the remote control at Vortice ceiling fans of the NORDIK Series

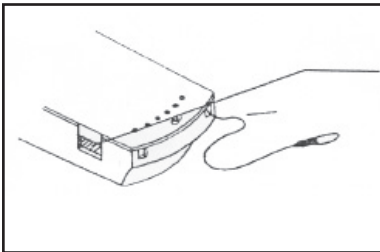


For ceiling fans of Vortices NORDIK Series simply put the receiver into the upper canopy. Put the antenna wire into the upper canopy. Please secure the canopy against sliding downwards. Your ceiling fan with remote control is ready to be used.

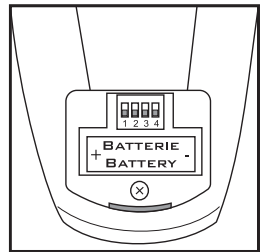
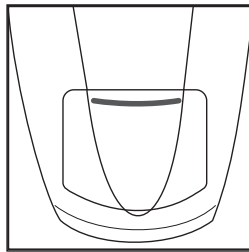
## Coding your Powerboat

Receiver (sketch 4) and transmitter (sketch 5) must have the same code setting!  
Slide code switches to your choice of up or down position. (Factory setting is all „up“). Use a small screwdriver or ball point pen to firmly slide up or down!


Sketch 4



Sketch 5



## Functions of the remote control Powerboat

- Motor speeds:
- button 1 - lowest fan speed
  - button 2 - medium fan speed
  - button 3 - highest fan speed
  - button 0 - motor off
- Light kit:
- button  - Light on/off, continuous pressure on the light button dims light in a continuous cycle from lightest to darkest (Powerboat). No dimmer at model Powerboat oD.

## STRICTLY



### Caution

If your ceiling fan has a reverse function by slide switch, only reverse the fan while not in operation (motor OFF)! In case of nonobservance damages on the motor and/or the receiver they are not covered by the warranty.

## IMPORTANT

This product conforms to EU Directive 2002/96/EC. This appliance bears the symbol of the barred waste bin. This indicates that, at the end of its useful life, it must not be disposed of as domestic waste, but must be taken to a collection centre for waste electrical and electronic equipment, or returned to a retailer on purchase of a replacement.



It is the user's responsibility to dispose of this appliance through the appropriate channels at the end of its useful life. Failure to do so may incur the penalties established by laws governing waste disposal. Proper differential collection, and the subsequent recycling, processing and environmentally compatible disposal of waste equipment avoids unnecessary damage to the environment and possible related health risks, and also promotes recycling of the materials used in the appliance. For further information on waste collection and disposal, contact your local waste disposal service, or the shop from which you purchased the appliance. Manufacturers and importers fulfil their responsibilities for recycling, processing and environmentally compatible disposal either directly or by participating in collective systems.