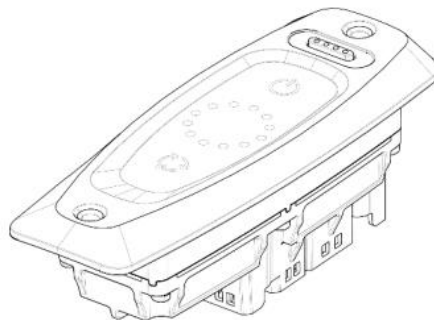
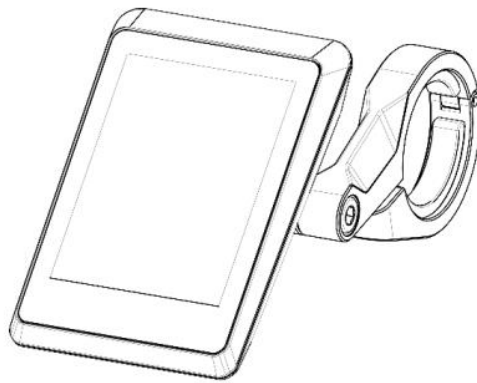


Quickstartguid ZF Bike Eco System



General

1.1 Original operating instructions

Pay particular attention to the original operating instructions for the drive systems.

The original operating instructions are available at the following Internet address.

Website of the original operating instructions:

<https://media.raymon-bicycles.com/direct/I9NTZACw8N>

Info



1.2 Safety information



1.2.1 Danger from hot surfaces

The ZF Bike Eco System uses suitable controls to prevent temperatures above 60 °C Celsius (140 °F) on touchable surfaces. However, slightly higher values may occur for short periods. Please note that a hot motor, for example, heats up adjacent frame parts and may frighten them. However, there is no risk of injury



1.2.2 Danger from hot contacts

If you remove the battery after intensive driving, the pin contacts remaining on the vehicle may have reached temperatures above 60°C due to the high power. Do not touch them, allow the drive to rest and cool down a little

1.3.1 Danger at the start of the journey



If you set off quickly on your e-bike, the charger could still be connected to the battery in the vehicle. As a result, the charging plug could be pulled out of the vehicle and there is a risk of open contacts.

1.3 Notes on first operation

Do not put your feet on the pedals when you switch on the display unit. Also, do not start riding immediately after you have switched on the display unit. This could weaken the auxiliary power. Weak power assistance in one of these cases is not a malfunction. If you have inadvertently ignored one of the above instructions, take your feet off the pedals, switch the power supply on again and wait for about two seconds before riding off.

To get a feel for the pedelec and its functions, start by practicing with the motor switched off. Then gradually increase the assistance levels



Pay special attention to the original owner's manual of the drive systems.

The original owner's manual can be found at the following website.

Website of original owner's manual

<https://media.raymon->

[bicycles.com/direct/I9NTZACw8N](https://media.raymon-bicycles.com/direct/I9NTZACw8N)



Considerare con la massima attenzione il manuale d'uso originale

dei sistemi di azionamento.

Il manuale d'uso originale è disponibile al seguente indirizzo Internet.

Sito web del manuale d'uso originale:

<https://media.raymon->

[bicycles.com/direct/I9NTZACw8N](https://media.raymon-bicycles.com/direct/I9NTZACw8N)



Lea con mucha atención el manual de instrucciones original de los sistemas de accionamiento.

El manual de instrucciones original está disponible en la siguiente

dirección de Internet.

Página web del manual de instrucciones.

<https://media.raymon->

[bicycles.com/direct/I9NTZACw8N](https://media.raymon-bicycles.com/direct/I9NTZACw8N)



Accordez une attention particulière au manuel d'utilisation original du fabricant moteur.

Le manuel d'utilisation original est disponible sur le site Web suivant.

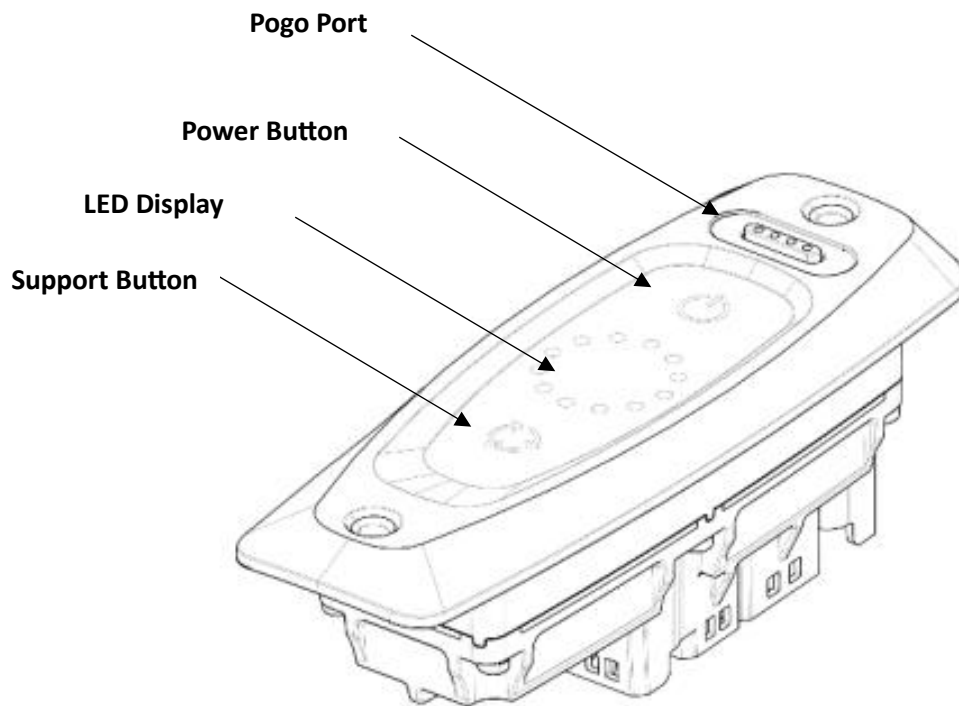
Site Web du manuel d'utilisation original

<https://media.raymon->

[bicycles.com/direct/I9NTZACw8N](https://media.raymon-bicycles.com/direct/I9NTZACw8N)

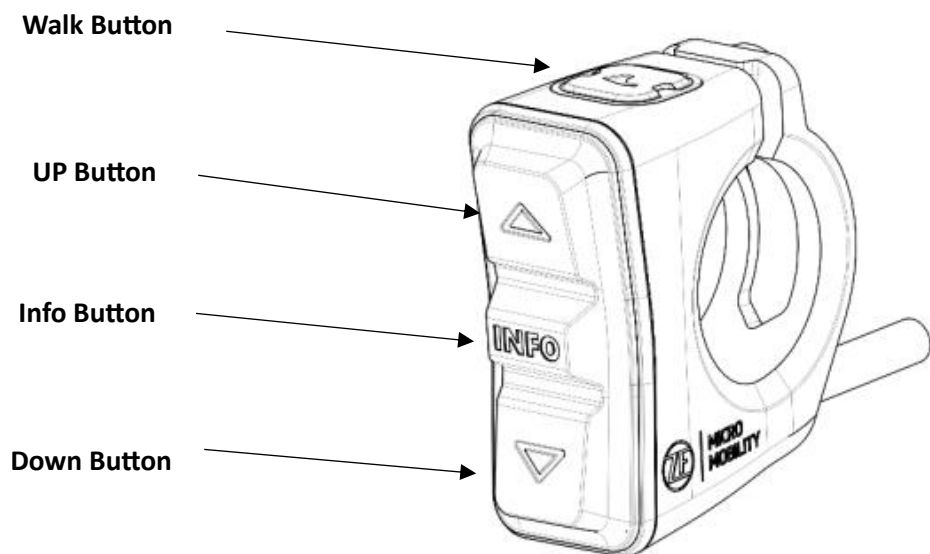


ZF Core Controller



Switch on:	Shortly press the power button for <1sec and release it again
Switch off:	Press the power button for approx. 3 seconds and release it again
Pogo Port:	can be used for slow charging of mobile devices with USB connection
Support Button:	Used to select the required support levels (ECO - ACTIVE - SPORT - BOOST - OFF)
LED Display:	shows the charge status of the battery. In the display, each point of the LED ring corresponds to 1/12 of the total capacity. This also applies to the charging process

ZF Pure Remote AR 50L

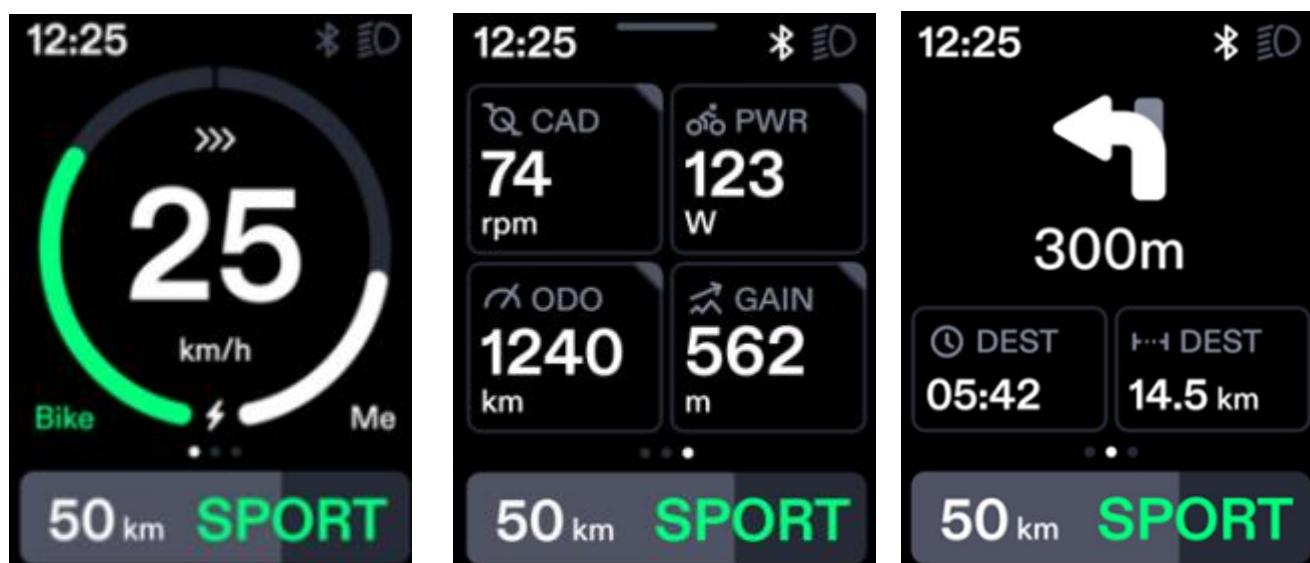


Up Button	Used to select the support level
Down Button	Used to select the support level
Info Button	Used to change the individual screens
Schiebe Hilfe	Press the Walk button to activate Walk mode. Then press the Up button

ZF Color Display AD 800C

Dashboard Screen

The dashboard screens take on the function of a bike computer. You also have the option of switching between different tabs:



Dashboard: The dashboard is the main display for the most important riding functions. You can see the current speed and selected support levels (ECO, TOUR (ECO, TOUR, TRAIL, BOOST), the battery charge level and the light display. To customize the screen, the individual tiles/computers can be changed by clicking and holding

Trip Tools: Trip Tools provides you with a wide range of additional information. For example, the average speed, distance to the destination and altitude and altitude covered can be displayed. The tiles/computers can be customized by clicking and holding..

Customization: In the Customization tab, you have the option of adjusting the individual support levels individually to your own needs. Parameters such as the maximum speed and maximum power can be adjusted. power, can be adjusted.

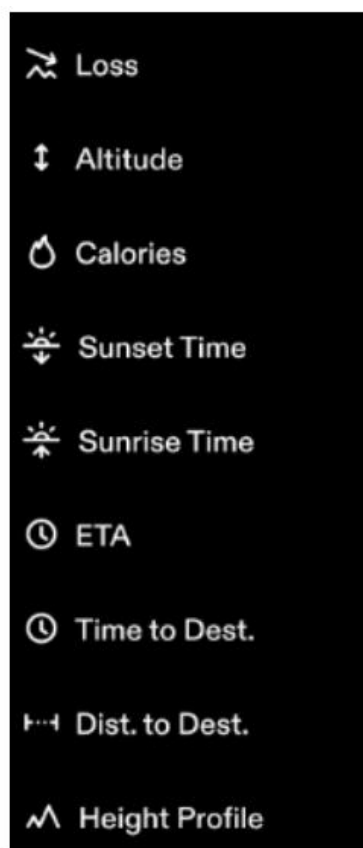
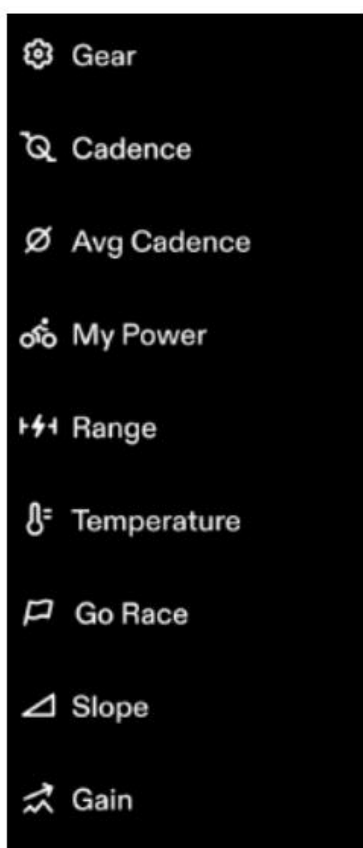
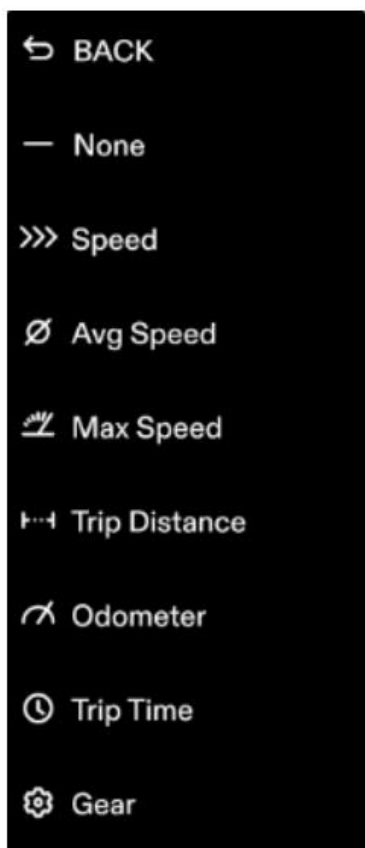
ZF Color Display AD 800C

Riding Screen



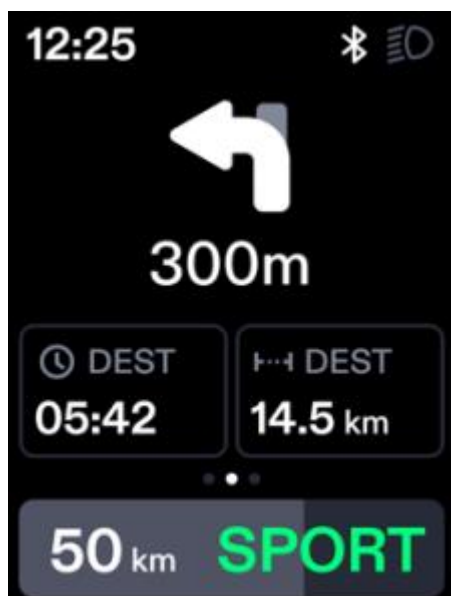
- One or two data pages can be displayed within the riding screens, each with 4 info tiles, which display up to 8 types of data from a selection.
- Each info tile shows a grey corner if it can be personalized. If the info tile is not yet linked, a + sign is displayed.

The following data selection is available:



ZF Color Display AD 800C

Navigation Screen



With a paired mobile phone with the ZFMM Ride app, the ZF Color Display can show the route navigation of the mobile phone as a sequence of events. There are three tiles in the central area that display the following information.

- The sign for the next turn event (turn event icon) is shown at the top center, usually as an arrow sign indicating the next change of direction. The decreasing distance to the next turning point is also shown here
- Below the two basic information tiles with the remaining time to the destination (Time to Destination) and the remaining distance to the destination (Distance-to-Destination)

Pairing Prozess

To connect the system to a mobile device, you need the ZF Ride app, which is available in the Apple App Store and the Google Play Store. This provides you with a comprehensive companion for your OCS e-bike for navigation, route planning and ride statistics.

- Create an account and log in to the app
- Make sure that Bluetooth is switched on on your smartphone and your e-bike system
Click on the “Add new bike” button to search for your e-bike. is searched for. Click on the available bike ID (Bluetooth name).
- A connection is established with the smartphone to your e-bike and the pairing is started.

If several e-bikes have been paired, you can select the desired e-bike when starting the app.

For a more detailed description, please refer to the original operating instructions, which you can download using the QR code on our website

5 Insert battery

Please do not use the battery immediately after shipping. Only use the battery after it has been charged with the charger provided. Insert the battery into the down tube with the contact side facing the motor. The battery must be inserted into the rail provided for this purpose (see Figure 1). After insertion, the battery must be guided parallel to the rail in the direction of the contacts



Then lock the locking system with the unlocking lever and lock it with the key

Safety note



There is a risk of pinching your fingers when inserting or removing the battery. Carry out the movement with care. The risk increases if there is dirt on the battery or battery holder. Keep them clean

6 Safety information

- Never use this battery charger to charge other electrical devices.
- Do not use any other chargers or charging methods to charge battery packs. The use of other chargers can lead to fires, explosions or damage to the battery pack.
- This battery charger may be used by children 8 years and above and by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge as long as they are supervised and are instructed in the use of the battery charger in a safe manner and understand the potential hazards involved. Children must not play with the battery charger. Cleaning and service by the customer may not be carried out by children without supervision.
- Although the battery charger is waterproof, never immerse it in water or any other liquid. Also, never use the battery charger if the connections are wet.
- Never handle or touch the socket connector, charging socket or the battery charger contacts with wet hands. This may result in electric shock.
- Do not touch the battery charger contacts with metal objects. Make sure that no foreign objects short circuit the contacts. This can result in electric shock, fire or damage to the battery charger.
- Remove dust from the socket connector frequently. Moisture or other problems can lead to reduced insulation and may cause a fire.
- Never take apart or modify the battery charger. This may result in fire or electric shock.
- Do not use it with a power strip or extension cable. Using with a power strip or similar devices may lead to current overload and cause a fire.
- Do not use it if the cable is bound together or wound up, and do not store it with the cable wrapped around the housing of the battery charger. A damaged cable can cause a fire or electric shock.
- Insert the socket connector and charging connector firmly in the power socket. If the socket connector and charging connector are not inserted firmly this can lead to fire, electric shock or overheating.
- Do not use the battery charger in the vicinity of flammable materials or gas. This may result in fire or an explosion.
- Never cover the battery charger or place any objects on it during the charging process. This can lead to internal overheating and cause a fire.
- Do not drop the battery charger or expose it to any sort of strong impacts. Otherwise, this may result in fire or electric shock.
- Keep the battery packs and battery charger out of the reach of children.
- Do not touch the battery pack or battery charger during the charging process. You may be burned because the battery pack or battery charger may reach a temperature of 40–70 °C during the charging process.
- Do not use if the housing of the battery pack is damaged or broken or if you notice any unusual noises. Leaking battery fluid can cause serious injury.
- Do not short circuit the contacts of the battery pack. This can cause the battery pack to overheat or catch fire, which can lead to serious injury or property damage.
- Never take apart or modify the battery pack. This can cause the battery pack to overheat or catch fire, which can lead to serious injury or property damage.
- If the power cable is damaged do not continue to use the battery charger, and have it inspected by an authorized e-bike dealer.
- Do not move the pedals or move the bike when the battery charger is connected. The power cable can get tangled in the pedals and lead to damage of the battery charger, power cable and/or socket connector.
- Handle the power cable with care. Connecting the battery charger inside a building while the bike is outside can lead to the power cable being trapped in a door or window and becoming damaged.

6 Safety information

- Do not drop the battery pack or expose it to any sort of impacts. This can cause the battery pack to overheat or catch fire, which can lead to serious injury or property damage.
- Do not dispose of the battery pack in a fire or expose it to sources of heat. This can cause a fire or an explosion and lead to serious injury or property damage.
- Do not modify the e-bike system or take it apart. Install only original parts and accessories. Otherwise, this can lead to product damage, malfunctions or an increased risk of injury.
- When stopping, hold both the front and rear brakes and keep both feet on the ground. Do not leave your feet on the pedals when stopped or this can lead to unintentional activation of the riding assistance function and cause you to lose control and seriously injure yourself.
- Do not ride the bike if you detect irregularities in the battery pack or e-bike system. This can lead to loss of control and serious injury.
- Always check the remaining battery charge before riding at night. The headlight powered by the battery pack switches off shortly after the remaining battery level drops below the required level to further enable riding assistance during riding. Riding without a functioning headlight can increase your risk of injury.
- Do not start the ride with one foot on the pedal and the other on the ground while getting on the bike only after it has reached a certain speed. This can lead to loss of control or serious injury. Only ride off when you are properly seated.
- Do not use push assistance if the rear wheel is not in contact with the ground. Otherwise, the bike may “pull a wheelie” at high speed and cause an injury.
- Do not use the wireless communication functions in areas such as hospitals or medical buildings where the use of electronic devices or wireless communication devices is forbidden. This can cause interference with medical devices, for example, and result in accidents.
- When using wireless communication functions, remain at a safe distance from heart pacemakers. Otherwise, the radio waves may interfere with pacemakers.
- Do not use wireless communication functions in the vicinity of automatic control devices such as automatic doors, fire alarms etc. The radio waves can cause interference and result in accidents caused by possible malfunctions and unintentional actuation of these devices.
- When fitting the bike with a multi-position battery 400/500, make sure there are no foreign objects and no water on the connection to the bike. This can otherwise result in heat development and smoke and/or a fire due to short circuit.
- Do not remove the battery pack on bikes with a multi-position battery 400/500 when cleaning the bike. Otherwise, water may get into the connection and result in heat development and smoke and/or cause a fire.
 - Entfernen Sie bei Fahrrädern mit einem Multi-Positionsakku 400/500 nicht den Akkupack vom Fahrrad, wenn Sie es reinigen. Andernfalls kann Wasser in den Anschluss gelangen und eine Wärme- und Rauchentwicklung und/oder ein Feuer verursachen.