

Impulse Evo / Impulse Evo Next Pedelec

EPAC Electrically power assisted cycle

Original User Guide | EN

Version 3

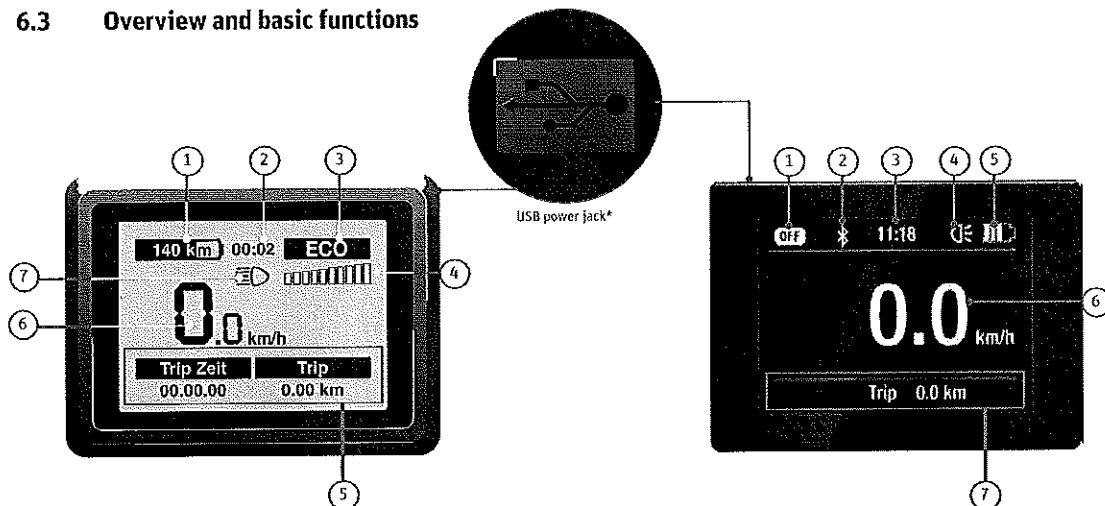
19/10/2016



IMPULSE EVO

IMPULSE EVO NEXT

6.3 Overview and basic functions

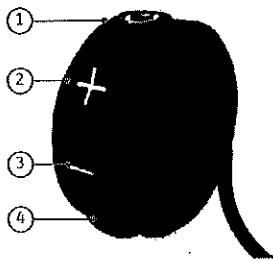


Impulse Evo (Smart) display

No.	Function
1	Battery charge level + remaining range (when assist mode selected) ⇒ 6.3.3 Battery charge level and remaining range Page EN-48
2	Time ⇒ 6.4.3.9 Impulse Evo (Smart) display: Time Page EN-61
3	Assist mode ⇒ 6.3.4 Changing assist mode Page EN-49
4	Assist display ⇒ 6.3.4 Changing assist mode Page EN-49
5	a) Information field b) Favourite settings ⇒ 6.3.6 Favourite settings Page EN-50
6	Speed
7	Light symbol

Impulse Evo Smart Compact display

No.	Function
1	Assist mode ⇒ 6.3.4 Changing assist mode Page EN-49
2	Time ⇒ 6.4.3.10 Impulse Evo Smart Compact display: Time Page EN-62
3	Bluetooth (for connection with smartphone)
4	Light symbol
5	Battery charge level ⇒ 6.3.3 Battery charge level and remaining range Page EN-48
6	Speed
7	a) Information field b) Favourite settings ⇒ 6.3.6 Favourite settings Page EN-50

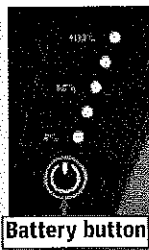


Easy-reach control

No.	Symbol	Function
1	⏻	a) On → 6.3.1 Switching on the pedelec Page EN-47 b) Off → 6.3.2 Switching off the pedelec Page EN-48
2	⏪	a) Increase value / scroll up b) Push assist → 6.3.5 Enabling push assist Page EN-50 c) Enable display light
3	⏩	a) Decrease value / scroll down b) Enable display light
4	⏹	a) Configure/confirm b) In the main menu, switch between the favourite settings → 6.3.6 Favourite settings Page EN-50. c) Enable display light



If the system does not switch on despite pressing the ⏻ button, press the battery button for one second. The pedelec switches on. If it still does not switch on, check the battery → 9.3.1 Display panel Page EN-84.



Battery button

6.3.2 Switching off the pedelec

DANGER

Only ride the pedelec when you can safely reach the brakes → 3.7 Braking Page EN-22. Your pedelec does not have an Emergency stop button. You must activate the brakes to stop the cycle quickly in a dangerous situation. The maximum brake force is greater than the propulsion force possible. This means stopping is guaranteed at all times by pressing the brakes. Note that the drive system does not disable automatically after braking. Switch the drive system to idle after braking.

On the easy-reach control

1. Press the ⏻ button on the easy-reach control for one second. The Impulse Evo system switches off.

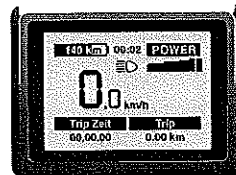
6.3.1 Switching on the pedelec



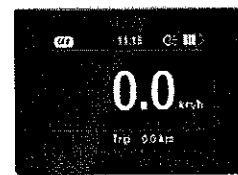
The system can only be activated if a sufficiently charged battery has been inserted.

Do not switch on the pedelec when you are riding. Otherwise the motor can stop and you will not be provided with the full assist level.

1. Press the ⏻ button on the easy-reach control for one second. The display light turns on. On the Impulse Evo (Smart) pedelec, the display light goes out after about 30 seconds. The cycle light also switches on. A welcome message appears in the information field of the display. If you have an Impulse Evo / Impulse Evo Next system with back pedal, "Please pedal" is shown. You can configure other settings from the start menu.



Impulse Evo (Smart) display: Start menu



Impulse Evo Smart Compact display: Start menu

Original User Guide | Pedelec Impulse Evo / Impulse Evo Next Version 3 EN-47

Via the battery

1. Briefly press the battery button twice. The Impulse Evo system switches off after a few seconds.



You can switch off your Impulse Evo / Impulse Evo Next pedelec from any level in the menu. The start menu does not need to be displayed for this.

The last configured settings remain saved.

If the pedelec remains stationary for 10 to 20 minutes, the Impulse Evo / Impulse Evo Next switches itself off.

6.3.3 Battery charge level and remaining range

Impulse Evo (Smart) display

The battery charge level and remaining range are shown in the top left of the display. A battery-shaped icon shows the remaining range, telling you how long the Impulse Evo system can continue to assist you. The lower the battery charge level, the shorter the black part in the battery. The range also shows a lower value. When the charge level of the battery falls below a minimum, motor assist also cuts out.



High battery charge level and long remaining range



Low battery charge level and short remaining range



Measurements are taken whilst the cycle is being ridden. The display calculates an average value from the readings of the last 20 kilometres ridden. This value is then used as the basis for the remaining range. So the remaining range displayed is heavily dependent on the riding style over the last 20 kilometres.

Impulse Evo Smart Compact display

The battery charge level is shown in the top right of the display. Information is displayed on a battery-shaped icon with four segments, telling you how full the battery is charged. The lower the battery charge level, the fewer segments are displayed. When the charge level of the battery falls below a minimum, motor assist also cuts out.

Symbol	Battery charge level
	100 – 75 %
	74 – 50 %
	49 – 25 %
	24 – 10 %
	0 %

*dependent on model

6.3.4 Changing assist mode

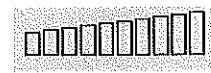
1. You must be in the start menu to change the assist mode. Select the assist level you require by briefly pressing the \odot/\ominus buttons.

Display	Assist	Power consumption
ULTRA*	Assist function is working with maximum power	Very high
POWER	Assist function is working hard	High
SPORT	Assist is working with medium power	Medium
ECO	Assist is working with low power	Low
OFF	No assist	Very low

2. Assist starts working as soon as you start pedalling. Assist cuts out as soon as you stop pedalling or when you have reached a speed of 25 km/h.

Impulse Evo (Smart) display

Underneath the assist level selected is a display area showing the current assist level from the drive unit in the form of ten bars having increasing heights. The more bars are dark, the higher the assist level being provided. This display is only shown when an assist mode is selected.



The drive unit is not assisting



The drive unit is providing medium assist



The drive unit is providing maximum assist

6.3.5 Enabling push assist

Push assist helps you when pushing the bike.

WARNING



Push assist may only be used when pushing the pedelec. Otherwise you could seriously injure yourself. Push assist is not designed to provide assistance when someone is sitting on the pedelec. On back pedal models, the pedal crank also turns.



Push assist helps you when pushing the bike (up to max. 6 km/h). This is particularly helpful when you want to push your pedelec uphill.

1. Press and hold the \odot button. The push assist is activated after three seconds. A warning is sounded at the same time on the Impulse Evo (Smart) display.

Note (1/1) Push assist or Note | Push assist is shown.

Keep the button pressed until you no longer need push assist.

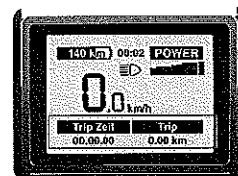


Impulse Evo (Smart) display: Push assist activated



Impulse Evo Smart Compact display: Push assist activated

6.3.6 Favourite settings



Impulse Evo (Smart) display: Favourite settings



Impulse Evo Smart Compact display: Favourite settings

6.3.6.1 Displaying favourite settings

Proceed as follows if you are in the start menu and want to change to other favourite settings:

- Briefly press the \odot button in the start menu. If you have selected several favourite settings in the start menu \Rightarrow 6.3.6.2 *Impulse Evo (Smart) display: Preselecting favourite settings* Page EN-51, the next favourite setting is now displayed.
- Keep pressing the \odot button until the desired favourite setting is displayed.

Impulse Evo Smart Compact display

You can display the following favourite settings on the Impulse Evo Smart Compact display:

Display	Meaning
Trip (in km)	Trip (e.g. day trip, short trip) in kilometres.
Trip time (in 00:00:00 format)	Duration of trip (e.g. day trip, short trip) in hours, minutes and seconds.
Trip Ø (in km/h)	Average speed (in kilometres per hour) achieved on the trip (e.g. day trip, short trip).
Total km (in km)	Total number of kilometres ridden.














6.3.6.2 Impulse Evo (Smart) display: Preselecting favourite settings

Path: Settings | Personalise | Favourite settings


You can select which of the following favourite settings you want displayed in the start menu.

Favourite settings	Display	Meaning
Trip km/time	Trip (in km)	Trip (e.g. day trip, short trip) in kilometres.
	Trip time (in 00:00:00 format)	Duration of trip (e.g. day trip, short trip) in hours, minutes and seconds.
Trip max./Ø	Trip max. (in km/h)	Maximum speed (in kilometres per hour) achieved on the trip (e.g. day trip, short trip).
	Trip Ø (in km/h)	Average speed (in kilometres per hour) achieved on the trip (e.g. day trip, short trip).

You can select all or just one of the available options. Proceed as follows:

1. While in the start menu, press the  button for three seconds. You are now in the main menu.
2. Select main menu option "Settings" using the /  buttons. The option selected is highlighted.
3. Confirm by briefly pressing the  button. You are now in sub-level 1.
4. Select "Personalise" using the /  buttons. The option selected is highlighted.
5. Confirm by pressing the  button. You are now in sub-level 2.
6. Use the /  buttons to select the "Favourite settings" option. The option selected is highlighted.
7. Confirm by pressing the  button. You access the favourite settings.
8. Use the /  buttons to select the required option. It is highlighted.
9. Briefly press the  button to set or remove the option in the box.
10. Once you have made your selection, you can return to sub-level 2 by choosing the "Back" option.

Favourite settings	Display	Meaning
Tour km/Ø	Tour (in km)	Tour (e.g. cycle tour over several days) in kilometres.
	Tour Ø (in km/h)	Average speed (in kilometres per hour) achieved on the tour (e.g. cycle tour over several days).
Cadence/Assistance	Cadence (in rpm)	The number of crank revolutions per minute.
	Assist	The five equal-sized boxes indicate the assist level you are currently receiving. The more bars are dark, the higher the assist level being provided.
Power cost	Trip cost (in €)	Cost in euro, incurred during the trip (e.g. day trip, short trip).
	Tour cost (in €)	Cost in euro, incurred during the tour (e.g. cycle tour over several days).
Total saving	(in €)	Cost saving compared with travelling by car.
	(in CO2)	Total CO2 savings compared with travelling by car.
Total km	(in km)	Total number of kilometres ridden.

Original User Guide | Pedelec Impulse Evo / Impulse Evo Next Version 3  EN-51


6.4 Main menu

6.4.1 Configuring settings in the main menu



You cannot configure any settings in the main menu while you are riding.

6.4.1.1 Accessing the main menu

1. If you are in the start menu, press the  button for three seconds. You are now in the main menu.



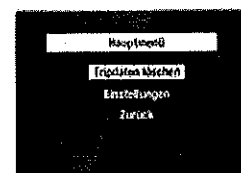
Impulse Evo (Smart) display: Start menu



Impulse Evo (Smart) display: Main menu



Impulse Evo Smart Compact display: Start menu



Impulse Evo Smart Compact display: Main menu

6.4.1.2 Navigating within a menu

1. Use the ⏪/⏩ buttons to navigate to the required option. The option selected is highlighted.
2. To confirm your selection, briefly press the ⏹ button. You access the next-lowest menu level.

6.4.1.3 Returning from a menu

There are four different ways to return to the next highest level or the start menu:

Back option

1. Use the ⏪/⏩ buttons to navigate to the "Back" option. It is highlighted when selected.
2. Confirm by pressing the ⏹ button. You return to the next-highest level.

Briefly pressing the ⏹ button

1. If there is no "Back" option, and one of the options displayed is selected, briefly press the ⏹ button to return to the next highest level.

Prolonged pressing of the ⏹ button

1. Pressing the ⏹ button for three seconds returns you to the start menu.


Start riding

1. The start menu is displayed as soon as you start moving.

6.4.2 Impulse Evo (Smart) display: Menu structure

Main menu	Sub-level 1			
Display ride data ⇒ 6.4.3.1 <i>Impulse Evo (Smart) display: Display ride data Page EN-58</i>	Trip (in km)			
	Trip time (in 00:00:00 format)			
	Trip max. (in km/h)			
	Trip Ø (in km/h)			
	Tour (in km)			
	Tour Ø (in km/h)			
	Total (in km)			
Clear trip data ⇒ 6.4.3.2 <i>Clear trip data Page EN-59</i>	Confirm delete?	No		
		Yes		
Clear tour data ⇒ 6.4.3.3 <i>Impulse Evo (Smart) display: Clearing tour data Page EN-59</i>	Confirm delete?	No		
		Yes		
Settings	Sub-level 1	Sub-level 2	Sub-level 3	
Settings	Device settings	Display	Contrast ⇒ 6.4.3.4 <i>Contrast Page EN-59</i>	-5 to +5
			Brightness ⇒ 6.4.3.5 <i>Brightness Page EN-60</i>	-5 to +5
			Language ⇒ 6.4.3.6 <i>Language Page EN-60</i>	Deutsch
				English
				Français
				Nederlands
				Español
Italiano				
Suomi				
Dansk				

Main menu	Sub-level 1	Sub-level 2	Sub-level 3	
Settings	Device settings	Display	Unit → 6.4.3.7 Unit Page EN-60	Kilometres
				Miles
			Date → 6.4.3.8 Impulse Evo (Smart) display: Date Page EN-61	Day: 01 to 31
				Month: January to December
				Year: 2015 to 2114
			Time → 6.4.3.9 Impulse Evo (Smart) display: Time Page EN-61	Hour: 00 to 23
				Minute: 00 to 59
		Drive	Parking light → 6.4.3.11 Impulse Evo (Smart) display: Parking light Page EN-62	OFF
				15 secs
				30 secs
				45 secs
				60 secs
			Navigation indicator sound → 6.4.3.12 Impulse Evo (Smart) display: Navigation indicator sound Page EN-62	Normal
				Quiet
	Quiet, short			
	Off			
	Wheel circumference → 6.4.3.13 Wheel circumference Page EN-63	1,510 mm to 2,330 mm		
	Light reserve → 6.4.3.14 Light reserve Page EN-63	No		
		Yes		
	Shift sensor → 6.4.3.15 Shift sensor Page EN-64	OFF, 50 ms to 300 ms		
	Climb assist → 6.4.3.16 Climb assist Page EN-64	1 to 7		
	Ride profile → 6.4.3.17 Ride profile Page EN-65 → 5.9 Changing ride profile Page EN-42	Relax		
		Regular		
		Dynamic		

Original User Guide | Pedelec Impulse Evo / Impulse Evo Next Version 3  EN-55

Main menu	Sub-level 1	Sub-level 2	Sub-level 3		
Settings	Device settings	Shift unit	Shift strategy	ON	
				OFF	
			Settings	-2.50 mm to 2.50 mm	
			Gear cable replacement	The shift unit is now in the gear cable replacement position. You can remove the cable and/or readjust it. Please press SET to end.	
	Personalise	Name → 6.4.3.18 Impulse Evo (Smart) display: Name Page EN-65	Favourite settings → 6.3.6.2 Impulse Evo (Smart) display: Preselecting favourite settings Page EN-51	Trip km/time	
				Trip max./Ø	
				Tour km/Ø	
	Other	Factory settings → 6.4.3.21 Factory settings Page EN-66	Reset to factory settings?	No	
				Yes	
		Software	Version → 6.4.3.22 Impulse Evo (Smart) display: Version Page EN-66	Software version	Serial number

6.4.3 Impulse Evo Smart Compact display: Menu structure

Main menu	Sub-level	Sub-level 2	Sub-level 3	
Clear trip data ⇒ 6.4.3.2 Clear trip data Page EN-59	Confirm delete?	Yes		
		No		
Settings	Device settings	Display	Contrast ⇒ 6.4.3.4 Contrast Page EN-59 -2 to +2	
			Brightness ⇒ 6.4.3.5 Brightness Page EN-60 -2 to +2	
			Language ⇒ 6.4.3.6 Language Page EN-60	
			Deutsch	
			English	
			Français	
			Nederlands	
			Español	
			Italiano	
			Suomi	
			Dansk	
Unit ⇒ 6.4.3.7 Unit Page EN-60	Kilometres			
Miles				
Time ⇒ 6.4.3.9 Impulse Evo (Smart) display: Time Page EN-61	Hour: 00 to 23			
Minute: 00 to 59				
Second: 00 to 59				
Name ⇒ 6.4.3.20 Impulse Evo Smart Compact display: Name Page EN-66				
Drive			Wheel circumference ⇒ 6.4.3.13 Wheel circumference Page EN-63	
			1,510 mm to 2,330 mm	
			Light reserve ⇒ 6.4.3.14 Light reserve Page EN-63	Yes
			No	
			Shift sensor ⇒ 6.4.3.15 Shift sensor Page EN-64	OFF, 50 ms to 300 ms
			Climb assist ⇒ 6.4.3.16 Climb assist Page EN-64	1 to 7
Ride profile ⇒ 6.4.3.17 Ride profile Page EN-65 ⇒ 5.9 Changing ride profile Page EN-42			Relax	
			Regular	
			Dynamic	
Factory settings?			Yes	
No				
Display of component information				

Original User Guide | Pedelec Impulse Evo / Impulse Evo Next Version 3 EN-57

Main menu	Sub-level	Sub-level 2	Sub-level 3
Settings	Device settings	Shift unit	Shift strategy
			ON
			OFF
			Setting
			-2.50 mm to 2.50 mm
			Gear cable replacement
			The shift unit is now in the gear cable replacement position. You can remove the cable and/or readjust it. Please press SET to end.
	Version		

6.4.3.1 Impulse Evo (Smart) display: Display ride data

You can display the following menu options in the “Show ride data” main menu option:

Menu options	Meaning
Trip (in km)	Trip (e.g. day trip, short trip) in kilometres.
Trip time (in 00:00:00 format)	Duration of trip (e.g. day trip, short trip) in hours, minutes and seconds.
Trip max. (in km/h)	Maximum speed (in kilometres per hour) achieved on the trip (e.g. day trip, short trip).
Trip Ø (in km/h)	Average speed (in kilometres per hour) achieved on the trip (e.g. day trip, short trip).
Tour (in km)	Tour (e.g. cycle tour over several days) in kilometres.
Tour Ø (in km/h)	Average speed (in kilometres per hour) achieved on the tour (e.g. cycle tour over several days).
Total (in km)	Total number of kilometres ridden.

1. In the main menu, navigate to the option “Display ride data” as described under ⇒ 6.4.1.2 Navigating within a menu Page EN-53.
2. Select the required option using the ⏪/⏩ buttons. The option selected is highlighted. A box on the right shows how far you can scroll up and down.
3. Briefly press the ⏪ button to return to the main menu.

6.4.3.2 Clear trip data

In main menu option “Clear trip data”, you can reset to 0 options Trip (in km), Trip time (in 00:00:00), Trip max. (in km/h)* and Trip Ø (in km/h). Proceed as follows:

1. Navigate to main menu “Clear trip data” as described in ⇒ 6.4.1 *Configuring settings in the main menu Page EN-52.*
2. The following question appears on the display: “Confirm delete?” with “Yes” and “No” underneath.
3. Select the required option using the ⊕/⊖ buttons. The selection is highlighted.
4. Confirm your selection by briefly pressing the ⊕ button. You will then return to the main menu options.

*Impulse Evo (Smart) display

6.4.3.3 Impulse Evo (Smart) display: Clearing tour data

In main menu option “Delete tour data”, you can reset to 0 options Tour (in km) and Tour Ø (in km). Proceed as follows:

1. Navigate to main menu “Clear tour data” as described in ⇒ 6.4.1 *Configuring settings in the main menu Page EN-52.*
2. The following question appears on the display: “Confirm delete?” with “Yes” and “No” underneath.
3. Select the required option using the ⊕/⊖ buttons. The selection is highlighted.
4. Confirm your selection by briefly pressing the ⊕ button. You will then return to the main menu options.

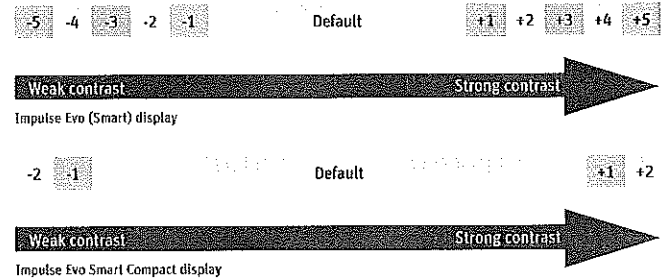
6.4.3.4 Contrast

Path: Settings | Device settings | Display | Contrast

You can adjust the contrast of the display to improve legibility:

1. Navigate to “Contrast” as described in ⇒ 6.4.1 *Configuring settings in the main menu Page EN-52.*

You can choose between:



2. Use the ⊕/⊖ buttons to select the contrast strength required. The strength selected is highlighted.
3. Press the ⊕ button to confirm. You return to sub-level 2.

Original User Guide | Pedelec Impulse Evo / Impulse Evo Next Version 3 EN-59

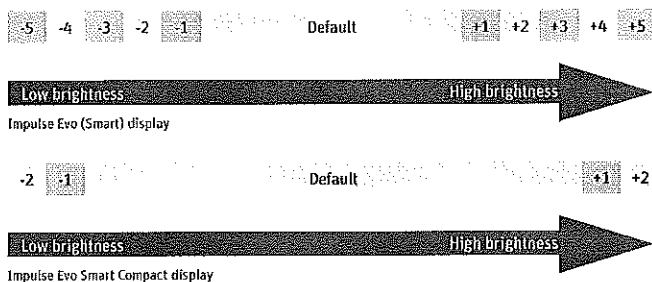
6.4.3.5 Brightness

Path: Settings | Device settings | Display | Brightness

You can adjust the brightness of the display to improve legibility:

1. Navigate to “Brightness” as described in ⇒ 6.4.1 *Configuring settings in the main menu Page EN-52.*

You can choose between:



2. Use the ⊕/⊖ buttons to select the brightness required. The brightness strength selected is highlighted.
3. Press the ⊕ button to confirm. You return to sub-level 2.

6.4.3.6 Language

Path: Settings | Device settings | Display | Language

Option “Language” allows you to select the language in which the display text appears. You can choose between:

- | | |
|--------------|------------|
| » Deutsch | » Español |
| » English | » Italiano |
| » Français | » Suomi |
| » Nederlands | » Dansk |

1. Navigate to “Language” as described in ⇒ 6.4.1 *Configuring settings in the main menu Page EN-52.*
2. Use the ⊕/⊖ buttons to select the desired language. The language selected is highlighted.
3. Confirm by briefly pressing ⊕. You return to sub-level 2.

6.4.3.7 Unit

Path: Settings | Device settings | Display | Unit

1. Navigate to “Unit” as described in ⇒ 6.4.1 *Configuring settings in the main menu Page EN-52.*

You can choose between:

- » Kilometres
- » Miles

- Use the \ominus/\oplus buttons to select the desired unit. It is highlighted.
- Confirm by briefly pressing \odot . You return to sub-level 2.

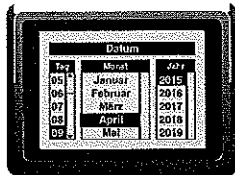
6.4.3.8 Impulse Evo (Smart) display: Date

Path: Settings | Device settings | Display | Date

- Navigate to option "Date".

You can choose between:

Day	01 to 31
Month	January to December
Year	2015 to 2114



Setting the date

- Use the \ominus/\oplus buttons to select the option required. The selection is highlighted.
- Confirm by briefly pressing \odot . You move to the next option.
- Confirming the year with \odot returns you to sub-level 2.

6.4.3.9 Impulse Evo (Smart) display: Time

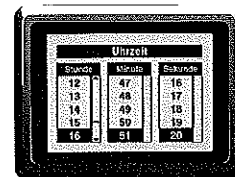
Path: Settings | Device settings | Display | Time

The time is shown in the start menu. Proceed as follows to set or change the time:

- Navigate to "Time" as described in \Rightarrow 6.4.1 Configuring settings in the main menu Page EN-52.

You can choose between:

Hour	00 to 23
Minute	00 to 59
Second	00 to 59



Setting the time

- Use the \ominus/\oplus buttons to select the option required. The selection is highlighted.
- Confirm by briefly pressing \odot . You move to the next option.
- Confirming the seconds with \odot returns you to sub-level 2.

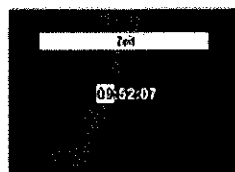
Original User Guide | Pedelec Impulse Evo / Impulse Evo Next Version 3 \odot EN-61

6.4.3.10 Impulse Evo Smart Compact display: Time

Path: Settings | Device settings | Display | Time

The time is shown in the start menu. Proceed as follows to set or change the time:

- Navigate to "Time" as described in \Rightarrow 6.4.1 Configuring settings in the main menu Page EN-52.
- Use the \ominus/\oplus buttons to select the digits required. The selection is highlighted white.
- Confirm by briefly pressing \odot . You move to the next option.
- Confirming the seconds with \odot returns you to sub-level 2.



Setting the time

- Use the \ominus/\oplus buttons to select the desired option. The selection is highlighted.
- Confirm by briefly pressing \odot . You return to sub-level 1.

6.4.3.12 Impulse Evo (Smart) display: Navigation indicator sound

Path: Settings | Device settings | Display | Navigation indicator sound

Proceed as follows if you want to be made aware of turns by an audible sound:

- Navigate to "Navigation indicator sound" as described in \Rightarrow 6.4.1 Configuring settings in the main menu Page EN-52.

You can choose between:

Normal	Quiet	Quiet, short	Off
--------	-------	--------------	-----

- Use the \ominus/\oplus buttons to select the desired option. The selection is highlighted. An audible sound is emitted at the same time - which makes you aware of turns in the future too.
- Confirming the audible sound with \odot returns you to sub-level 2.

6.4.3.11 Impulse Evo (Smart) display: Parking light

Path: Settings | Device settings | Display | Parking light

From this menu, you can set how long the parking light of the pedelec stays on after the system switches off.

- Navigate to "Parking light" as described in \Rightarrow 6.4.1 Configuring settings in the main menu Page EN-52.

You can choose between:

OFF	15 secs.	30 secs.	45 secs.	60 secs.
-----	----------	----------	----------	----------

FCC ID: O4GDE48X

Model: MU170517005, MU170517006

MADE IN CHINA

This device complies with part 15 of the FCC Rules.

Operation is subject to the following conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

NOTES:

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE GRANTEE OF THIS DEVICE COULD VOID THE USER'S AUTHORITY TO OPERATE THE DEVICE.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or experienced radio / TV technician for help.
- The RF exposure compliance distance is 20 mm.