FIT
E-BIKE SYSTEM
INTEGRATION

INSTRUCTION MANUAL

FIT MASTER NODE DISPLAY + FIT REMOTE PURE LEFT

501392 | 501303

NETWORKED
CUSTOMISED
INTELLIGENT

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1 PREFACE

Dear FIT customer,

The FIT system offers many useful functions and options and we are pleased that you have decided to choose our system.

Please read through the operating instructions carefully to ensure you use the system safely and get off to a quick start.

We hope you enjoy discovering the FIT's functions and have a fun ride every time you use it.

Thank you for placing your trust in FIT.

Your FIT Team

2 ABOUT THESE OPERATING INSTRUCTIONS

2.1 MANUFACTURER

Smartscale NewCo AG
Luzernstrasse 84
CH-4950 Huttwil
fit-ebike.com/en-en/

2.2 EU IMPORTER

Smartscale NewCo Europe GmbH
Im Höning 5
DE-63820 Elsenfeld

2.3 LANGUAGE

The original operating instructions are written in German. A translation is invalid without the original operating instructions.

2.4 DECLARATION OF CONFORMITY

Biketec GmbH hereby declares that the products described in these operating instructions comply with EU directives. The complete EU Declaration of Conformity is available online at: fit-ebike.com/en-en/service/declaration/

2.5 ON INFORMATION

Different markings are used in the operating instructions to make them easier to read.

2.6 WARNINGS IN THESE OPERATING INSTRUCTIONS

Warnings indicate hazardous situations and actions. You will find the following warnings in the operating instructions:

DANGER
May lead to serious or even fatal injuries if ignored. Medium-risk hazard.

CAUTION
May lead to minor or moderate injuries if ignored. Low-risk hazard.

NOTICE
May lead to material damage if ignored.

3 SAFETY INSTRUCTIONS

3.1 GENERAL INFORMATION

Please read all safety instructions carefully. Failure to comply with the warnings or take residual risks into account may result in electric shock, fire and/or serious injury.

Keep the operating instructions in a safe place and have them readily available to consult. Pass these instructions on if you provide your e-bike for someone else's use.

The generic names used in these operating instructions, such as motor, battery and operating element, all refer to original FIT e-bike components.

3.2 CONTROL ELEMENT AND FIT MASTER NODE DISPLAY

Don't let yourself be distracted by the display. If you don't concentrate fully on traffic, you risk becoming involved in an accident.

Do not open either the control element or the FIT Master Node Display. They can be damaged if they are opened and any warranty claims will be forfeited.

Caution! Using the FIT Master Node Display with Bluetooth may interfere with other devices and equipment, aircraft and medical devices (e.g. pacemakers, hearing aids). Nor can any injury to humans and animals in the immediate surroundings be fully ruled out. Avoid operating for prolonged periods of time very close to your body. Pay attention to any local restrictions on its use, e.g. in aircraft, hospitals, near medical equipment, petrol stations, chemical installations, areas where there is a risk of explosions and in blasting areas.

4 PRODUCT AND TECHNICAL SPECIFICATIONS

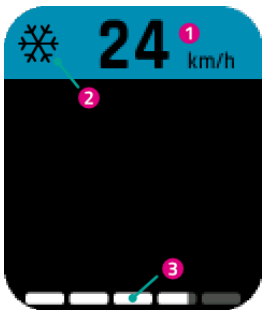
4.1 FIT MASTER NODE DISPLAY

The FIT Master Node Display controls the e-bike system and uses the integrated display to show the user all important information. The FIT Master Node Display is installed in the upper tube of the e-bike. The Master Node Display is secured with a spring at the top and a screw at the bottom.

4.1.1 CONTROL ELEMENTS AND DISPLAY

1. Display
2. On/off button / Light button
3. Decrease assistance button / Navigation to the left
4. Increase assistance button / Navigation to the right

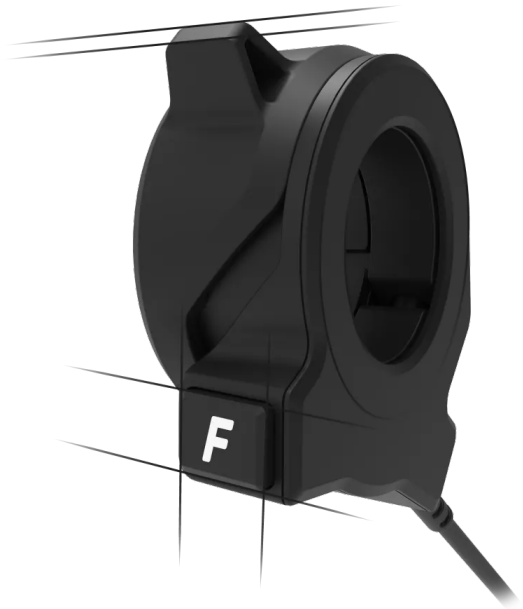
The following display elements remain the same in all views and show the most important settings and information about the vehicle and the current journey.



1. Current speed (The current assistance levels and time are shown in place of the speed at standstill (speed = 0 km/h))
2. Warning/danger messages (If there are several warning or danger messages, only the symbols with the highest priority are displayed at the same time)
3. Battery charge level (if several batteries are present, the total charge level is displayed)

4.2 FIT REMOTE PURE LEFT

The FIT Remote Pure with ring control and function button is the ideal accessory for every e-bike rider who wants full control of their assistance level. The ring on the remote enables intuitive control of the assistance level by simply rotating it. The desired assistance level can be selected by turning the ring up or down. The function button on the remote is easy to use and offers quick access to other functions that can be selected via the app.



4.2.1 CONTROL ELEMENTS

1. Function button (The default configuration is the Boost function. Other configurations can be adjusted via the FIT E-Bike Control app.)
2. Ring down
3. Ring up

4.3 PROPER USE

The FIT Master Node Display and the FIT Remote Pure Left are designed for controlling a FIT e-bike system and displaying riding data.

4.4 IMPROPER USE

Improper use refers to use which is not described under **proper use** or goes beyond **proper use.**

4.5 TECHNICAL DATA

4.5.1 FIT MASTER NODE DISPLAY

		FIT Master Node Display
Product code		501392
Operating temperature	°C	-10 to +40
Storage temperature	°C	-20 to +50
Protection class		IPX5
Weight about	kg	0.05

4.5.2 FIT REMOTE PURE LEFT

		FIT Remote Pure Left
Product code		501303
Operating temperature	°C	-10 to +40
Storage temperature	°C	-20 to +50
Protection class		IPX7
Weight about	kg	0.028

5 OPERATION

5.1 INITIAL OPERATION

5.1.1 ELECTRIC DRIVE SYSTEM

SWITCHING ON THE ELECTRIC DRIVE SYSTEM The system can only be switched on if a sufficiently charged battery is installed.
Press the on/off button for at least one second to switch the system on.

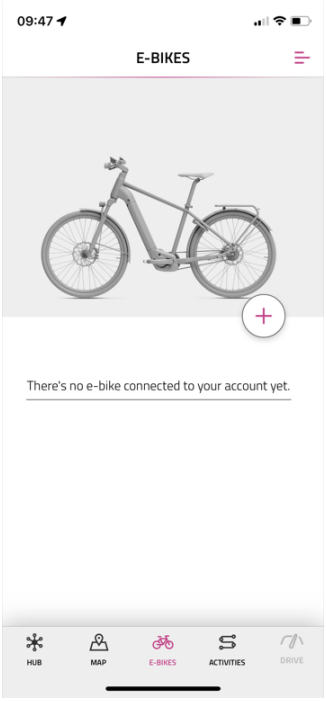
SWITCHING OFF THE ELECTRIC DRIVE SYSTEM If the system does not detect any rider activity for a long time, it switches off automatically to save energy. To turn off the electrical system manually, press the on/off button for at least one second.

OPERATION You can select the assistance level with the Increase/decrease assistance buttons on the FIT Master Node Display or by ring up/down on the FIT Remote Pure Left.
You can switch between the different displays by pressing and holding down the increase/decrease assistance buttons for longer than 3 seconds.
Further setting options are available via the FIT E-Bike Control app.

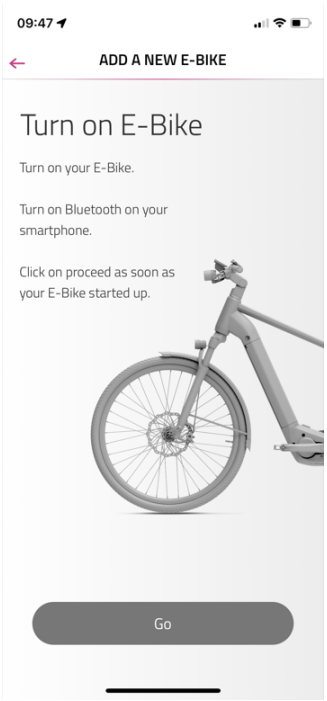
5.1.2 PAIRING/COUPLING THE FIT KEY CARD WITH THE FIT E-BIKE CONTROL APP

The FIT Key Card is your ticket to the digital FIT world for every e-bike with FIT 2.0 integration. The individual ID is based on the SmartX technology from ABUS and ensures a secure connection to the e-bike with a unique key.

NOTICE
- Keep the card in a safe place as it serves as the e-bike's ID.
- Can be reordered subject to payment in the e-shop if lost.



- Select the menu **E-bikes** in the navigation bar
- Press the **+** icon to add your e-bike in the FIT E-Bike Control app

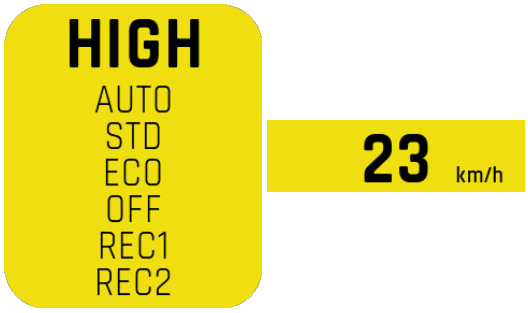


- Follow the instructions in the FIT E-Bike Control app

5.1.3 ASSISTANCE MODES

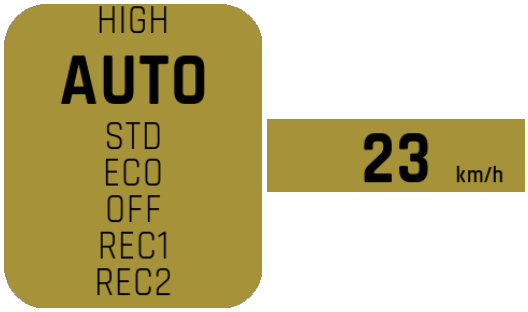
You can adjust the assistance level with the buttons Decrease assistance / increase (FIT Master Node Display) and Ring down/up (FIT Remote Pure Left). When changing the assistance mode, the display briefly shows all available assistance modes. The speed display is then highlighted with the color of the active assistance.

HIGH



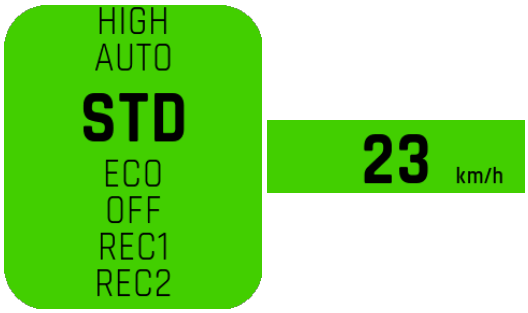
- Maximum motor assistance for active riding up to high pedaling frequencies.

AUTO



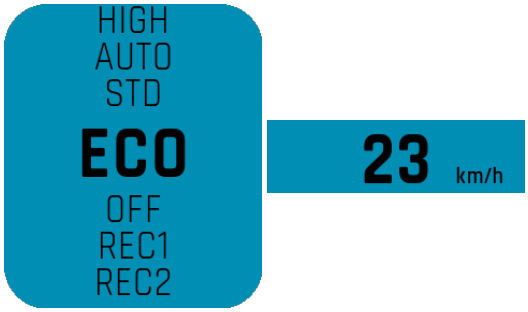
- The motor assistance adjusts to the rider's performance (more rider's performance = more motor assistance). This mode covers the entire range from ECO to HIGH.

STD



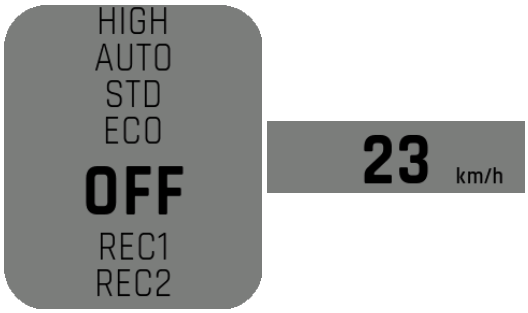
- Medium motor assistance for active riding in city traffic.

ECO



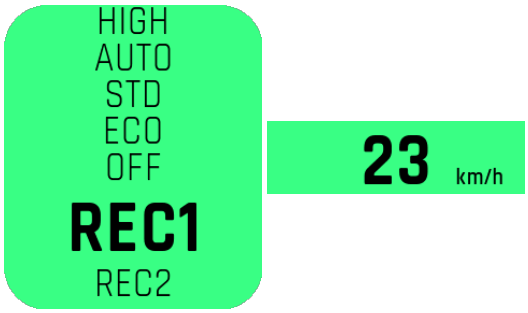
- Minimal motor assistance with optimum efficiency for maximum range.

OFF



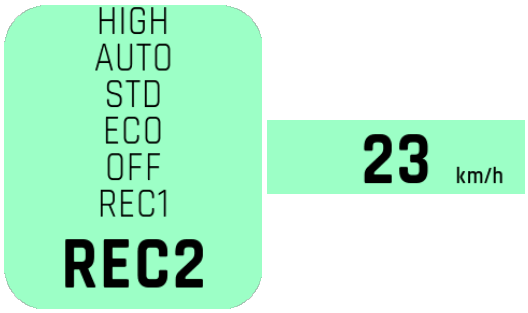
- No motor assistance. The e-bike rides like a normal bicycle. All on-board computer functions are available.

REC1
(Availability depends on the built-in motor.)



- Weak recuperation. The motor brakes the e-bike slightly. The brake energy is used to recharge the battery. Use this assistance level to slow down the speed without applying the brakes when riding downhill. All on-board computer functions are available.

REC2
(Availability depends on the built-in motor.)



- Stronger recuperation. The motor brakes the e-bike harder. The brake energy is used to recharge the battery. Use this assistance level to slow down the speed without applying the brakes when riding downhill. All on-board computer functions are available.

5.1.4 PUSHING AID

(Only available in conjunction with FIT Remote Pure Left.)

- Pushing aid mode enabled
- Pushing aid started

The pushing aid makes it easier to push the e-bike. The e-bike can be moved out of underground parking or along steep paths comfortably by activating the pushing aid.
To activate the pushing aid mode, press the ring on the FIT Remote Pure left until the Pushing mode activated display apppears at the top. The pushing aid is started by pressing up again and holding the ring on the FIT Remote Pure Left.
If you release the ring on the FIT Remote Pure Left for longer than five seconds, you will quit the pushing aid mode.

CAUTION
When using the pushing aid, the wheels must be in contact with the ground to avoid the risk of injury.

5.1.5 BOOST FUNCTION

(Only available in conjunction with FIT Remote Pure Left.)

You can temporarily increase the motor assistance to HIGH with the boost function, no matter what assistance level is set (STD, ECO, AUTO). This function can be activated at speeds of 7 km/h and over and if at least one quarter pedal revolution has been detected. The Boost function cannot be used if the pushing aid mode is active.
In order to activate the Boost function (only possible while riding), press and hold down either the function button or the ring up on the FIT Remote Pure Left. The Boost function is activated as long as the ring or button is held down.

5.2 LIGHTS

- Light off
- Low beam
- Main beam

The lights are switched on or off by briefly pressing the on/off/light button of the FIT Master Node Display. Various lighting systems are installed depending on the area of use and bicycle type. If this has a daytime running light function, the system will always switch automatically between low beam and daytime running light.

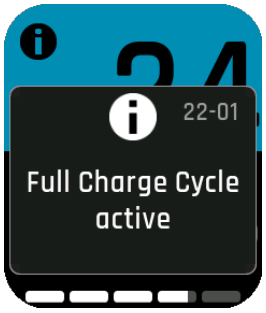
5.3 NOTIFICATIONS/ERROR MESSAGES

When they occur, notifications and error messages are displayed with a frame across the entire width of the display so that they are not overlooked. If several messages occur at the same time, the display shows nested frames to show all relevant information.

You can acknowledge the messages by pressing any button on the FIT Master Node Display or FIT Remote Pure Left. If the underlying problem has not been solved, a corresponding icon appears in the top right-hand corner of the display. If several messages appear at the same time, the next message is displayed after acknowledging the first message until all have been acknowledged. This allows you to process all messages that occur systematically. For more information, see Section 6.2.1.

For better illustration, you will find sample images below with a single message and several messages as well as a list of the icons used.

SINGLE NOTIFICATIONS/ERROR MESSAGES



- The display shows a single error message across the entire width of the display. The frame around the message emphasizes it and makes it clearly visible.
- You can acknowledge the message by pressing any button on the FIT Master Node Display or FIT Remote Pure Left.

SEVERAL NOTIFICATIONS/ERROR MESSAGES

- The display shows several error messages which are shown in nested frames. This provides a clear overview of all messages occurring simultaneously.
- You can edit the messages one after the other once they have been acknowledged by pressing any button on the FIT Master Node Display or FIT Remote Pure Left. After acknowledging a message, the next message appears until all have been processed.

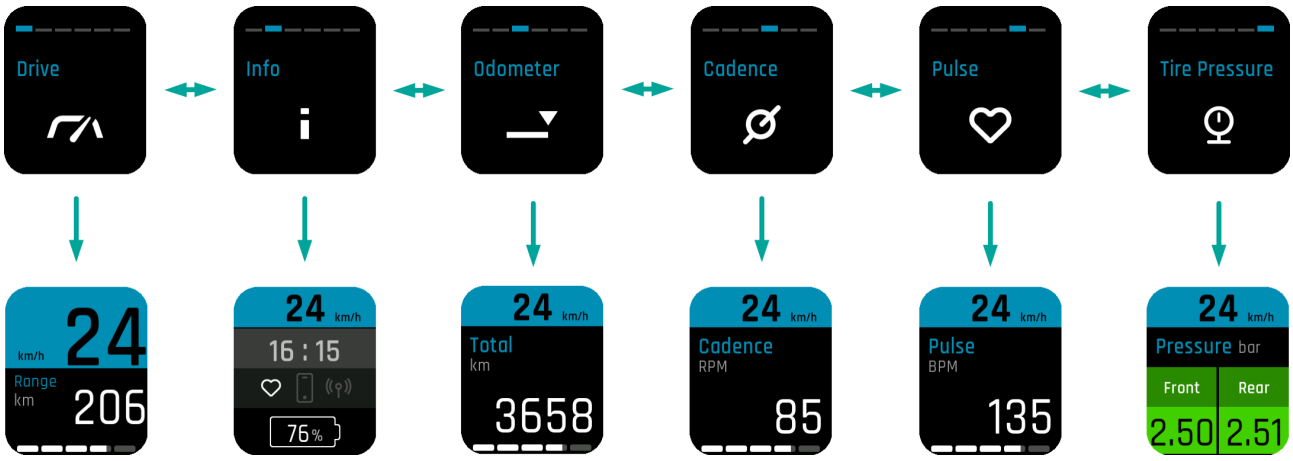
5.3.1 WARNING/ERROR SYMBOLS

Symbol	Meaning	Action/Limitation
	Incoming call	The icon remains as long as the smartphone displays an incoming call. (For more information, see Section 5.5.1)
	Main beam switched on	
	Risk of ice (temperature $\leq$ 4 °C)	Drive carefully.
	Service due	Your e-bike Your e-bike should be taken to the FIT specialist dealer for maintenance as soon as possible.
	Motor overheat	Reduced ride assistance performance. (This is not an error, but is meant to protect the motor.)
	Battery protection mode (Battery charge level and/or temperature too low)	Reduced ride assistance performance. (This is not an error, but is meant to protect the battery.)
	Low tire pressure	Check and adjust the tire pressure if necessary. (This function is only available with optional tire pressure sensors.)
	Assistance speed limitation	Motor assistance is only active until the limit set in the settings menu has been reached. (Only available with Panasonic or Brose motors.)
	Information	Motor assistance available (For more information, see Section 6.2.1)
	Warning	Motor assistance available (For more information, see Section 6.2.1)
	Error/ critical error	No motor assistance Motor assistance is only available once the error has been rectified and the system has been restarted (only in the case of a critical error). (For more information, see Section 6.2.1)
	Test mode	Your e-bike is in the “Test” mode. Please contact you specialist dealer to switch the e-bike to the correct mode. (For more information, see Section 8.1.2)
	Not for sale mode	Your e-bike is in the “Not for Sale” mode. Please contact you specialist dealer to switch the e-bike to the correct mode. (For more information, see Section 8.1.2)

5.4 SELECTION DISPLAY

You can reach the various main displays by pressing and holding down the increase/decrease assistance buttons for longer than 3 seconds. To simplify operation, the system switches to an overview level of all main displays. After pressing and holding the button, you can navigate through the overview with a short press until you reach the desired display.

In the settings menu of the FIT E-Bike Control app, the selection display can be deactivated during the ride in the submenu **My Bike⇒Disable menu displays**. If the menu display is disabled, you can switch directly between the individual main displays by pressing the increase/decrease assistance buttons for longer than 3 seconds.

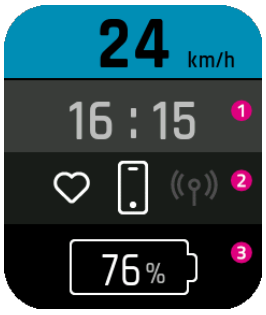


5.5 MAIN DISPLAYS

DRIVE

1. Current speed
2. Range (with current assistance setting / assistance level)

INFO

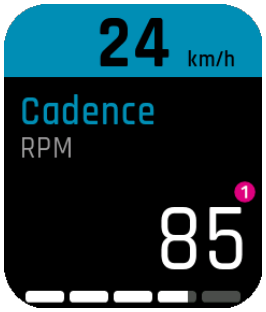


1. Time (for e-bikes with more than two batteries, the time display is disabled in favor of the battery level display.)
2. Connected devices (pulse monitor, FIT E-Bike Tracker, smartphone)
3. Battery charging status (if several batteries are present, they are shown and numbered accordingly.)

ODOMETER

1. Odometer (total kilometers ridden with the e-bike. This value cannot be reset.)

CADENCE



1. Current cadence (pedaling frequency)

PULSE
(only shown if a pulse monitor is connected.)

1. Current pulse

TIRE PRESSURE
(Only appears if tire pressure sensors are connected.)

1. Current front tire pressure.
2. Current rear tire pressure.

5.5.1 DISPLAY CALLS

Call display is only available in connection with the FIT E-Bike Control app. To use the FIT E-Bike Control app, your smartphone must be connected to the e-bike using the FIT Key Card (see Section 5.1.2).

CAUTION
Do not take calls while riding.
When a call is displayed, first find a suitable place to stop before answering the call.

To enable the call to be displayed, the necessary authorizations must be granted to the FIT E-Bike Control app once on the smartphone. In the E-bike Settings menu, the call display must be activated in the **Connectivity** submenu.

Calls are only shown, but cannot be answered via the e-bike's control elements.

NOTICE
- Android - Unfortunately, the call display is not available on Android.
- iOS - Displays phone calls and messenger calls.

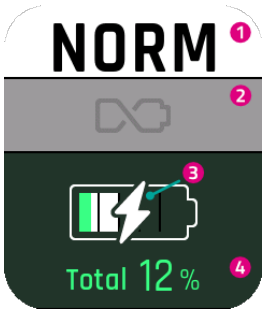
1. Incoming call icon.
   If the call display is acknowledged by pressing any button on the FIT Master Node Display or FIT Remote Pure Left, the caller's name disappears. DThe icon remains as long as the smartphone displays an incoming call.
2. Caller's name (taken over by the connected smartphone).
   Only the most common special characters can be displayed. Characters and emoticons that cannot be displayed are replaced by a question mark (?) on the display.

5.6 CHARGE INDICATOR

Menu – Charge
The charge indicator appears as soon as the charger is connected to the e-bike. Use the plus/minus button to select the charging mode (NORM, FAST, STORE) and save it by pressing the rocker switch. The Long Life mode can be switched on or off with the light button.

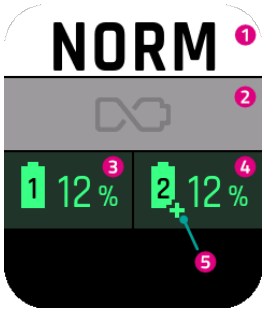
Charging mode	Description
NORM (Normal)	Normal charging
FAST (Fast)	Fast charging
STORE (Storage)	Storage mode If the battery is not going to be used for an extended period of time, we recommend storage mode «Storage» and an optimum storage temperature between 5 and 15 °C. In Storage mode, the battery is charged to about 60% which allows the battery to bridge the time until it is reused as gently as possible.
Long Life	Slightly less capacity is available if the battery is used in LONG LIFE mode. On the other hand, the battery retains its capacity for longer. The LONG LIFE mode is available for both normal and fast charging. In LONG LIFE mode, the battery is charged to about 80%.

NORMAL CHARGING OF SINGLE BATTERY



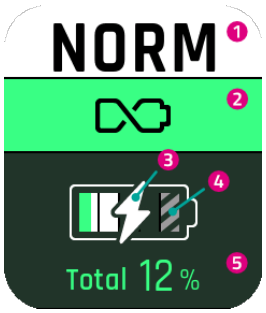
1. Current charging mode
2. Long Life mode (grayed out = switched off)
3. Shows battery is currently being charged
4. Current battery charge level

NORMAL CHARGING OF MULTIPLE BATTERIES



1. Current charging mode
2. Long Life mode (grayed out = switched off)
3. Current charge level of the first battery
4. Current charge level of the second battery
5. Range Extenders are displayed with a plus sign

LONG LIFE MODE CHARGING



1. Current charging mode
2. Long Life mode (green background = switched on)
3. Shows battery is currently being charged
4. As the battery is not fully charged in Long Life mode, the rest is gray-hatched
5. Current battery charge level

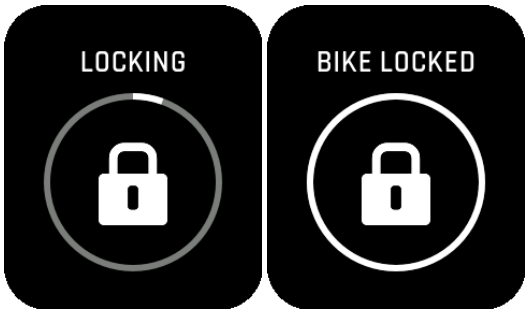
CHARGING IN STORAGE MODE

1. Current charging mode
2. Long Life mode (grayed out = switched off)
3. Shows battery is currently being charged
4. As the battery is not fully charged in storage mode, the rest is gray-hatched
5. Current battery charge level

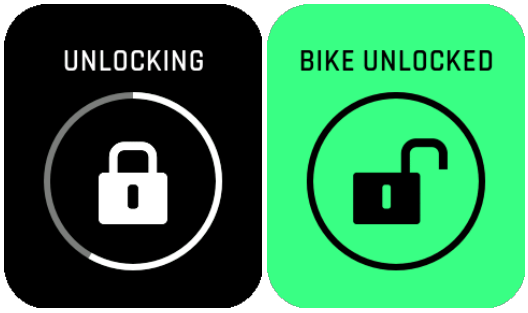
5.7 ACCESSORIES

5.7.1 BIKE LOCK

(Only via FIT E-Bike Control app or hand-held transmitter)



CLOSE
- Locking
- E-bike locked



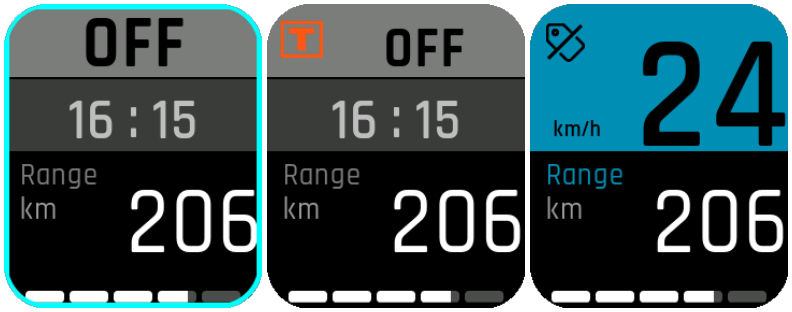
OPEN
- Unlocking
- E-bike unlocked

5.8 SPECIAL OPERATING MODES

5.8.1 MAINTENANCE MODE

- Maintenance mode

5.8.2 OEM, TEST, NOT FOR SALE MODE



- OEM mode
- Test mode
- Not for sale mode

5.9 SIGNAL TONES

Beep	Meaning	Situation
Short high note	Highest assistance level reached	Sounds when you try to raise the assistance even further in the highest assistance level
Falling sound sequence	Battery level low	Sounds at 5% charging status and again at 0%
Two low notes	Error / Critical error	Sounds in case of an error or a critical error (no motor assistance)

6 ERROR MESSAGES

6.1 GENERAL

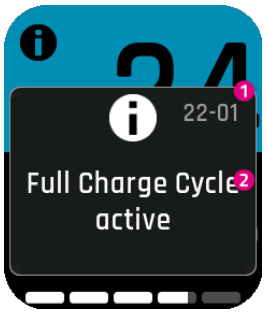
The parts of the e-bike system are constantly being monitored for errors during use and charging. If an error is detected, an error code and recommended action are shown on the display. To switch the display back to the standard display, press any button on the FIT Master Node Display or the FIT Remote Pure Left to confirm the error. If the error cannot be confirmed, first try the recommended action displayed. If this does not help, rectify the fault according to the table in Section 6.2.1 or contact your specialist dealer. Depending on the error code, assistance will be stopped automatically if necessary. Even if the motor no longer provides assistance, you can still use the e-bike like a conventional bicycle.
An error can be clearly assigned with the displayed code. In addition, an initial recommendation for action is always displayed.

6.2 INFORMATION/ERROR DISPLAY

There are four different types of error messages:

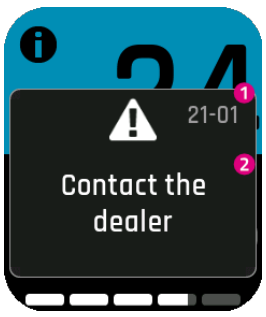
Type	Display	Effect
Information	White circle with black i	Motor assistance available The message can be acknowledged by pressing any button on the FIT Master Node Display or FIT Remote Pure Left.
Warning	White triangle with black exclamation mark	Motor assistance available The message can be acknowledged by pressing any button on the FIT Master Node Display or FIT Remote Pure Left.
Error/ critical error	Orange triangle with black exclamation mark	No motor assistance Motor assistance is only available again after the error has been rectified.

INFORMATION



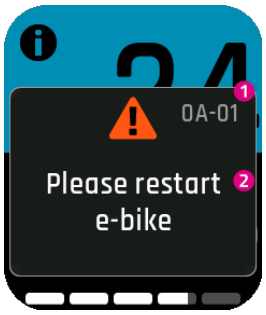
1. Error code
2. Note/Recommended action

WARNING



1. Error code
2. Note/Recommended action

ERROR/CRITICAL ERROR



1. Error code
2. Note/Recommended action

6.2.1 ERROR TABLE

You can get more detailed information about the error with the FIT Drive Screen in the FIT E-Bike Control app.

If the last two digits are listed with "xx" as placeholders, they help the specialist dealer as additional information for error analysis.

0A-xx up to 28-xx

Error code	Error description	Action/Restriction
0A-01, 0B-01	Remote motor communication error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
0A-02, 0B-02	Remote display communication error	1. Restart the system. 2. Switch the system off. 3. Remove display from holder, check contacts and clean if necessary. 4. Re-insert the display and start the system. 5. If the problem persists, please contact your specialist dealer.
0A-03, 0A-04, 0A-05, 0A-06, 0B-03, 0B-04, 0B-05, 0B-06	Remote battery communication error	1. Restart the system. 2. Switch the system off. 3. Remove the battery from the holder, check contacts and clean if necessary. 4. Re-insert the battery and start the system. 5. If the problem persists, please contact your specialist dealer.
0A-07, 0B-07	Remote speed node communication error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
0A-08, 0B-08	Remote gears communication error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
0A-0A, 0B-0A	Remote charger communication error	1. Restart the system. 2. Switch the system off. 3. Disconnect the charger from the system and socket. 4. Wait until status LED goes out. 5. Check plug contacts on the e-bike and charger and clean if necessary. 6. Reconnect the charger to the socket. 7. Reconnect the charger to the system and start the system. 8. If the problem persists, please contact your specialist dealer.
0A-0B, 0B-0B	Remote lock communication error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
0C-00	Remote identification error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
0C-01	Remote motor identification error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.

Error code	Error description	Action/Restriction
0C-02	Remote display identification error	1. Restart the system. 2. Switch the system off. 3. Remove display from holder, check contacts and clean if necessary. 4. Re-insert the display and start the system. 5. If the problem persists, please contact your specialist dealer.
0C-03, 0C-04, 0C-05, 0C-06	Remote battery identification error	1. Restart the system. 2. Switch the system off. 3. Remove the battery from the holder, check contacts and clean if necessary. 4. Re-insert the battery and start the system. 5. If the problem persists, please contact your specialist dealer.
0C-07	Remote speed node identification error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
0C-08	Remote gears identification error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
0C-0A	Remote charger identification error	1. Restart the system. 2. Switch the system off. 3. Disconnect the charger from the system and socket. 4. Wait until status LED goes out. 5. Check plug contacts on the e-bike and charger and clean if necessary. 6. Reconnect the charger to the socket. 7. Reconnect the charger to the system and start the system. 8. If the problem persists, please contact your specialist dealer.
0C-0B	Remote lock identification error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
0D-01	Motor authentication error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
0D-02	Display authentication error	1. Restart the system. 2. Switch the system off. 3. Remove display from holder, check contacts and clean if necessary. 4. Re-insert the display and start the system. 5. If the problem persists, please contact your specialist dealer.
0D-03, 0D-04, 0D-05, 0D-06	Battery authentication error	1. Restart the system. 2. Switch the system off. 3. Remove the battery from the holder, check contacts and clean if necessary. 4. Re-insert the battery and start the system. 5. If the problem persists, please contact your specialist dealer.
0D-07	Speed node authentication error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
0D-08	Gears authentication error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.

Error code	Error description	Action/Restriction
0D-0A	Charger authentication error	1. Restart the system. 2. Switch the system off. 3. Disconnect the charger from the system and socket. 4. Wait until status LED goes out. 5. Check plug contacts on the e-bike and charger and clean if necessary. 6. Reconnect the charger to the socket. 7. Reconnect the charger to the system and start the system. 8. If the problem persists, please contact your specialist dealer.
0D-0B	Lock authentication error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
0E-xx	Remote authentication error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
0F-00	Remote update error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
0F-01	Motor update error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
0F-02	Display update error	1. Restart the system. 2. Switch the system off. 3. Remove display from holder, check contacts and clean if necessary. 4. Re-insert the display and start the system. 5. If the problem persists, please contact your specialist dealer.
0F-03, 0F-04, 0F-05, 0F-06	Battery update error	1. Restart the system. 2. Switch the system off. 3. Remove the battery from the holder, check contacts and clean if necessary. 4. Re-insert the battery and start the system. 5. If the problem persists, please contact your specialist dealer.
0F-07	Speed node update error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
0F-08	Gears update error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
0F-0A	Charger update error	1. Restart the system. 2. Switch the system off. 3. Disconnect the charger from the system and socket. 4. Wait until status LED goes out. 5. Check plug contacts on the e-bike and charger and clean if necessary. 6. Reconnect the charger to the socket. 7. Reconnect the charger to the system and start the system. 8. If the problem persists, please contact your specialist dealer.
0F-0B	Lock update error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.

Error code	Error description	Action/Restriction
10-xx	Remote software error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
11-xx	Battery remote communication error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
12-01	Remote motor pairing error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
12-02	Remote display pairing error	1. Restart the system. 2. Switch the system off. 3. Remove display from holder, check contacts and clean if necessary. 4. Re-insert the display and start the system. 5. If the problem persists, please contact your specialist dealer.
12-03, 12-04, 12-05, 12-06	Remote battery pairing error	1. Restart the system. 2. Switch the system off. 3. Remove the battery from the holder, check contacts and clean if necessary. 4. Re-insert the battery and start the system. 5. If the problem persists, please contact your specialist dealer.
12-07	Remote speed node pairing error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
12-08	Remote gears pairing error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
12-0A	Remote charger pairing error	1. Restart the system. 2. Switch the system off. 3. Disconnect the charger from the system and socket. 4. Wait until status LED goes out. 5. Check plug contacts on the e-bike and charger and clean if necessary. 6. Reconnect the charger to the socket. 7. Reconnect the charger to the system and start the system. 8. If the problem persists, please contact your specialist dealer.
12-0B	Remote lock pairing error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
13-xx	Remote internal error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
14-xx	Remote configuration error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
15-01	Remote motor pairing error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.

Error code	Error description	Action/Restriction
15-02	Remote display pairing error	1. Restart the system. 2. Switch the system off. 3. Remove display from holder, check contacts and clean if necessary. 4. Re-insert the display and start the system. 5. If the problem persists, please contact your specialist dealer.
15-03, 15-04, 15-05, 15-06	Remote battery pairing error	1. Restart the system. 2. Switch the system off. 3. Remove the battery from the holder, check contacts and clean if necessary. 4. Re-insert the battery and start the system. 5. If the problem persists, please contact your specialist dealer.
15-07	Remote speed node pairing error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
15-08	Remote gears pairing error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
15-0A	Remote charger pairing error	1. Restart the system. 2. Switch the system off. 3. Disconnect the charger from the system and socket. 4. Wait until status LED goes out. 5. Check plug contacts on the e-bike and charger and clean if necessary. 6. Reconnect the charger to the socket. 7. Reconnect the charger to the system and start the system. 8. If the problem persists, please contact your specialist dealer.
15-0B	Remote lock pairing error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
16-00	Remote theft detection	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
16-01	Motor theft detection	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
16-02	Display theft detection	1. Restart the system. 2. Switch the system off. 3. Remove display from holder, check contacts and clean if necessary. 4. Re-insert the display and start the system. 5. If the problem persists, please contact your specialist dealer.
16-03, 16-04, 16-05, 16-06	Battery theft detection	1. Restart the system. 2. Switch the system off. 3. Remove the battery from the holder, check contacts and clean if necessary. 4. Re-insert the battery and start the system. 5. If the problem persists, please contact your specialist dealer.
16-07	Speed node theft detection	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.

Error code	Error description	Action/Restriction
16-08	Gears theft detection	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
16-0A	Charger theft detection	1. Restart the system. 2. Switch the system off. 3. Disconnect the charger from the system and socket. 4. Wait until status LED goes out. 5. Check plug contacts on the e-bike and charger and clean if necessary. 6. Reconnect the charger to the socket. 7. Reconnect the charger to the system and start the system. 8. If the problem persists, please contact your specialist dealer.
16-0B	Lock theft detection	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
17-00	Remote defective component	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
17-01	Motor defective component	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
17-02	Display defective component	1. Restart the system. 2. Switch the system off. 3. Remove display from holder, check contacts and clean if necessary. 4. Re-insert the display and start the system. 5. If the problem persists, please contact your specialist dealer.
17-03, 17-04, 17-05, 17-06	Battery defective component	1. Restart the system. 2. Switch the system off. 3. Remove the battery from the holder, check contacts and clean if necessary. 4. Re-insert the battery and start the system. 5. If the problem persists, please contact your specialist dealer.
17-07	Speed node defective component	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
17-08	Gears defective component	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
17-0A	Charger defective component	1. Restart the system. 2. Switch the system off. 3. Disconnect the charger from the system and socket. 4. Wait until status LED goes out. 5. Check plug contacts on the e-bike and charger and clean if necessary. 6. Reconnect the charger to the socket. 7. Reconnect the charger to the system and start the system. 8. If the problem persists, please contact your specialist dealer.
17-0B	Lock defective component	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.

Error code	Error description	Action/Restriction
18-00	Remote start error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
18-01	Motor start error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
18-02	Display start error	1. Restart the system. 2. Switch the system off. 3. Remove display from holder, check contacts and clean if necessary. 4. Re-insert the display and start the system. 5. If the problem persists, please contact your specialist dealer.
18-03, 18-04, 18-05, 18-06	Battery start error	1. Restart the system. 2. Switch the system off. 3. Remove the battery from the holder, check contacts and clean if necessary. 4. Re-insert the battery and start the system. 5. If the problem persists, please contact your specialist dealer.
18-07	Speed node start error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
18-08	Gears start error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
18-0A	Charger start error	1. Restart the system. 2. Switch the system off. 3. Disconnect the charger from the system and socket. 4. Wait until status LED goes out. 5. Check plug contacts on the e-bike and charger and clean if necessary. 6. Reconnect the charger to the socket. 7. Reconnect the charger to the system and start the system. 8. If the problem persists, please contact your specialist dealer.
18-0B	Lock start error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
19-xx	Remote safety error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
1A-01	Manipulation detected	1. Check mounting position of the magnet and speed sensor. 2. Restart the system. 3. If the problem persists, please contact your specialist dealer.
1A-02	Manipulation detected Speed sensor missing	1. Check mounting position of the magnet and speed sensor. 2. Restart the system. 3. If the problem persists, please contact your specialist dealer.
1B-xx	System voltage error	1. Check whether the correct battery is installed (36V/48V). 2. Restart the system. 3. If the problem persists, please contact your specialist dealer.

Error code	Error description	Action/Restriction
1C-xx	Bluetooth module error	1. Restart the system. 2. Restart FIT E-Bike Control (app), update if necessary. 3. If the problem persists, please contact your specialist dealer.
1D-xx	EMS mode active	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
1E-xx	OEM mode active	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
1F-xx	TEST mode active	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
20-xx	Reserve mode active (info text)	1. Charge the battery. 2. If the problem persists, please contact your specialist dealer.
21-xx	Lock error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
22-xx	Full charge cycle active	Information: Battery is charged for calibration despite Long Life mode 100%.
23-09	Tire pressure sensor error Battery weak front	Sensor needs to be replaced soon, please contact your specialist dealer.
23-0A	Tire pressure sensor error Battery weak rear	Sensor needs to be replaced soon, please contact your specialist dealer.
23-0B	Tire pressure sensor error Battery weak front right	Sensor needs to be replaced soon, please contact your specialist dealer.
23-0C	Tire pressure sensor error Battery weak rear right	Sensor needs to be replaced soon, please contact your specialist dealer.
23-xx	Tire pressure sensor error	Sensor may need to be replaced, please contact your specialist dealer.
24-01	Charger multi-battery error	1. Charge each battery individually. 2. Have the charger software update done at your specialist dealer.
25-xx	1-Wire communication error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
26-xx	Battery lock (ABUS) error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.

29-xx up to 47-xx

Error code	Error description	Action/Restriction
29-xx	Display communication error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
2A-xx	Display software error	1. Restart the system. 2. Switch the system off. 3. Remove display from holder, check contacts and clean if necessary. 4. Replace the display and start the system. 5. If the problem persists, please contact your specialist dealer.
2B-xx	Display authentication error	1. Restart the system. 2. Switch the system off. 3. Remove display from holder, check contacts and clean if necessary. 4. Replace the display and start the system. 5. If the problem persists, please contact your specialist dealer.
2C-xx	Display internal error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
2D-xx	Display identification error	1. Restart the system. 2. Switch the system off. 3. Remove display from holder, check contacts and clean if necessary. 4. Replace the display and start the system. 5. If the problem persists, please contact your specialist dealer.
2E-01	Display overheated Screen brightness reduced	1. Cool display by riding. 2. Protect the display from direct sunlight.

48-xx bis 66-xx (Bafang)

Error code	Error description	Action/Restriction
48-xx	Motor communication error	1. Check plug contacts on the battery and bicycle and clean if necessary. 2. Restart the system. 3. If the problem persists, please contact your specialist dealer.
49-xx	Motor error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
4A-xx	Motor temperature error	1. Switch the system off. 2. Allow the motor to cool down and, if necessary, clean the motor's ventilation vents. 3. Switch on the system. 4. If the problem persists, please contact your specialist dealer.
4B-01	Motor speed sensor error	1. Restart the system. 2. Check mounting position of the magnet and speed sensor. 3. If the problem persists, please contact your specialist dealer.

Error code	Error description	Action/Restriction
4C-xx	Motor torque sensor error	1. Restart the system with no pressure on the pedals. 2. If the problem persists, please contact your specialist dealer.
4F-xx	Motor authentication error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
50-xx	Motor Current Error	1. Remove battery and wait 60s. 2. Reinsert battery and restart battery. 3. If the problem persists, please contact your specialist dealer.

48-xx 66-xx (Brose)

Error code	Error description	Action/Restriction
48-xx	Motor communication error	1. Check plug contacts on the battery and bicycle and clean if necessary. 2. Restart the system. 3. If the problem persists, please contact your specialist dealer.
49-xx	Motor error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
4A-xx	Motor temperature error	1. Switch the system off. 2. Allow the motor to cool down and, if necessary, clean the motor's ventilation vents. 3. Switch on the system. 4. If the problem persists, please contact your specialist dealer.
4B-01, 4B-02	Motor speed sensor error	1. Restart the system. 2. Check mounting position of the magnet and speed sensor. 3. If the problem persists, please contact your specialist dealer.
4C-xx	Motor torque sensor error	1. Restart the system with no pressure on the pedals. 2. If the problem persists, please contact your specialist dealer.
4E-xx	Motor cadence sensor error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
4F-xx	Motor authentication error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
50-xx	Motor Current Error	1. Remove battery and wait 60s. 2. Reinsert battery and restart battery. 3. If the problem persists, please contact your specialist dealer.
51-xx	Motor Voltage Error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
52-xx	Motor Angled Sensor Error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.

Error code	Error description	Action/Restriction
53-xx	Motor Software Error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
54-xx	Motor error light output	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
55-xx	Motor Fehler 12V Ausgang	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.

48-xx 66-xx (Panasonic)

Error code	Error description	Action/Restriction
48-xx	Motor communication error	1. Check plug contacts on the battery and bicycle and clean if necessary. 2. Restart the system. 3. If the problem persists, please contact your specialist dealer.
49-xx	Motor error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
4A-xx	Motor temperature error	1. Switch the system off. 2. Allow the motor to cool down and, if necessary, clean the motor's ventilation vents. 3. Switch on the system. 4. If the problem persists, please contact your specialist dealer.
4B-01, 4B-02	Motor speed sensor error	1. Restart the system. 2. Check mounting position of the magnet and speed sensor. 3. If the problem persists, please contact your specialist dealer.
4C-xx	Motor torque sensor error	1. Restart the system with no pressure on the pedals. 2. If the problem persists, please contact your specialist dealer.
4D-xx	Motor Gear Error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
4F-xx	Motor authentication error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.

67-xx up to 85-xx and FF-xx

Error code	Error description	Action/Restriction
67-01, 67-03, 67-06, 67-12	Battery voltage error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
67-02, 67-07, 67-08, 67-09, 67-13	Battery voltage error	1. Connect the battery to the charger. 2. Restart the system. 3. If the problem persists, please contact your specialist dealer.

Error code	Error description	Action/Restriction
67-05, 67-0A, 67-0B, 67-11, 67-15	Battery voltage error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
68-01, 68-05, 68-06, 68-07, 68-09, 68-16, 68-17, 68-18, 68-19, 68-1A	Battery current error Discharging error	1. Switch the system off. 2. Remove the battery. 3. Re-insert battery. 4. Start the system. 5. If the problem persists, please contact your specialist dealer.
68-02, 68-03, 68-08, 68-0A	Battery current error Charging error	1. Disconnect the charger from the battery. 2. Reconnect the charger and start charging. 3. If the problem persists, please contact your specialist dealer.
68-04, 68-11, 68-12	Battery current error Short circuit	1. Switch the system off. 2. Remove the battery. 3. Re-insert battery. 4. Start the system. 5. If the problem persists, please contact your specialist dealer.
68-0B, 68-13	Battery current error Overcurrent error	1. Switch the system off. 2. Remove the battery. 3. Re-insert battery. 4. Start the system. 5. If the problem persists, please contact your specialist dealer.
68-14	Battery current error Start error	1. Switch the system off. 2. Remove the battery. 3. Re-insert battery. 4. Start the system. 5. If the problem persists, please contact your specialist dealer.
68-15	Battery current error	1. Switch the system off. 2. Remove the battery. 3. Re-insert battery. 4. Start the system. 5. If the problem persists, please contact your specialist dealer.
69-01, 69-08	Battery temperature error	1. Disconnect the charger from the battery. 2. Allow the battery to cool down (> 60 minutes). 3. Restart the charging process. 4. If the problem persists, please contact your specialist dealer.
69-02, 69-09	Battery temperature error	1. Turn off the e-bike. 2. Allow the battery to cool down (> 60 minutes). 3. Start the system. 4. If the problem persists, please contact your specialist dealer.
69-03, 69-0C	Battery temperature error	1. Bring the battery to a warmer place. 2. Allow the battery to warm up (> 30 minutes). 3. Restart the charging process. 4. If the problem persists, please contact your specialist dealer.

Error code	Error description	Action/Restriction
69-04, 69-0D	Battery temperature error	1. System operating below the permissible temperature. 2. Allow the battery to warm up in a warm environment (> 30 minutes). 3. Start the system. 4. If the problem persists, please contact your specialist dealer.
69-05, 69-0A, 69-0F, 69-11, 69-12	Battery temperature error	1. Turn off the e-bike. 2. Allow the battery to cool down ((> 60 minutes). 3. Start the system. 4. If the problem persists, please contact your specialist dealer.
69-06, 69-0B, 69-10	Battery temperature error	1. System operating below the permissible temperature. 2. Allow the battery to warm up in a warm environment (> 30 minutes). 3. Start the system. 4. If the problem persists, please contact your specialist dealer.
69-13	Battery temperature error	1. Start the system. 2. If the problem persists, please contact your specialist dealer.
6A-xx	Battery software error	1. Check whether the correct battery is installed (36V/48V). 2. Check the plug contacts on the battery and bicycle and clean if necessary. 3. Restart the system. 4. If the problem persists, please contact your specialist dealer.
6B-xx	Battery hardware error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
6C-xx	Battery communication error	1. Check whether the correct battery is installed (36V/48V). 2. Check the plug contacts on the battery and bicycle and clean if necessary. 3. Restart the system. 4. If the problem persists, please contact your specialist dealer.
6D-xx	Battery authentication error	1. Check whether the correct battery is installed (36V/48V). 2. Check the plug contacts on the battery and bicycle and clean if necessary. 3. Restart the system. 4. If the problem persists, please contact your specialist dealer.
6E-xx	Battery unknown error	1. Check whether the correct battery is installed (36V/48V). 2. Check the plug contacts on the battery and bicycle and clean if necessary. 3. Restart the system. 4. If the problem persists, please contact your specialist dealer.
FF-xx	Battery start error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.

86-xx up to 8A-xx

Error code	Error description	Action/Restriction
86-xx	Speed node software error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.
87-xx	Speed node authentication error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.

95-xx up to 99-xx

Error code	Error description	Action/Restriction
95-xx	Charger software error	1. Check whether the correct battery is installed (36V/48V). 2. Disconnect the charger from the system and socket. 3. Wait until status LED goes out. 4. Reconnect the charger to the socket. 5. Reconnect the charger to the system. 6. If the problem persists, please contact your specialist dealer.
96-xx	Charger voltage error	1. Check whether the correct battery is installed (36V/48V). 2. Disconnect the charger from the system and socket. 3. Wait until status LED goes out. 4. Reconnect the charger to the socket. 5. Reconnect the charger to the system. 6. If the problem persists, please contact your specialist dealer.
97-xx	Charger current error	1. Check whether the correct battery is installed (36V/48V). 2. Disconnect the charger from the system and socket. 3. Wait until status LED goes out. 4. Reconnect the charger to the socket. 5. Reconnect the charger to the system. 6. If the problem persists, please contact your specialist dealer.
98-xx	Charger temperature error	1. Disconnect the charger from the battery. 2. Allow the charger to cool (> 30 minutes). 3. Restart the charging process. 4. If the problem persists, please contact your specialist dealer.

8B-xx up to 92-xx

Error code	Error description	Action/Restriction
8B-xx	Gears authentication error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.

Error code	Error description	Action/Restriction
8C-06	Gears hardware error Calibration required	1. Calibrate the gears as described in the corresponding operating instructions. 2. If the problem persists, please contact your specialist dealer.
8C-xx	Gears hardware error	1. Restart the system. 2. If the problem persists, please contact your specialist dealer.

9A-xx up to 9E-xx

Error code	Error description	Action/Restriction
9A-xx	Lock authentication error	1. Check whether an original FIT lock is installed. 2. Restart the system. 3. If the problem persists, please contact your specialist dealer.
9B-xx	Lock blocked	1. Restart the system. 2. Check lock for contamination. 3. If the problem persists, please contact your specialist dealer.
9C-xx	Lock hardware error	1. Restart the system. 2. Check lock for damage. 3. If the problem persists, please contact your specialist dealer.
9D-xx	Lock movement detected	1. Resend lock command 2. Restart the system. 3. Check lock for damage. 4. If the problem persists, please contact your specialist dealer.

7 CLEANING AND SERVICING

7.1 BASIC CLEANING

7.1.1 CLEAN FIT MASTER NODE DISPLAY AND FIT REMOTE PURE LEFT

Hinweis
If water enters the FIT Master Node Display or the FIT Remote Pure Left, they will be destroyed.
- Never immerse the FIT Master Node Display or the FIT Remote Pure Left in water.
- Never clean with a high-pressure cleaner, water jet or compressed air.
- Never use cleaning agents.
- Clean the FIT Master Node Display and FIT Remote Pure Left carefully with a damp, soft cloth.

8 TROUBLESHOOTING, FAULT CLEARANCE AND REPAIR

8.1 TESTING AND TROUBLESHOOTING

8.1.1 THE DRIVE SYSTEM OR FIT MASTER NODE DISPLAY DO NOT START

If the display and/or drive system do not start, proceed as follows:

1. Check whether the battery has been inserted correctly. If not, insert the battery correctly.
2. Start the drive system.
3. If the drive system does not start, remove the battery, check the charging status and charge if necessary.
4. Clean all contacts with a soft cloth.
5. Insert the battery.
6. Start the drive system.
7. If the drive system does not start, contact the specialist dealer.

NOTICE
f the battery terminal contacts are heavily soiled/oxidized, take your e-bike to the specialist dealer for a detailed check.

8.1.2 UNUSUAL DISPLAY ON STARTING

If the e-bike is in “OEM”, “Test” or “Not for Sale” mode, please contact your specialist dealer to switch the e-bike to the correct mode.

8.1.3 ERROR IN ASSISTANCE

Symptom	Cause / Possibility	Remedy
No assistance is provided.	Is the speed too high?	1. Motor assistance is only active up to the maximum speed for which the e-bike is approved. You can display the current speed with the optional FIT Drive Screen in the FIT E-Bike Control app.
	Is the battery sufficiently charged?	2. Check battery charge. 3. If the battery is almost empty, recharge the battery.
	Driving at high temperatures, on long inclines or for a long time with heavy loads may cause the motor to overheat.	4. Turn off the drive system. 5. Wait a while and check again.
	The battery, the FIT Master Node Display or the control element may be incorrectly connected or there may be a problem with one or more of them.	6. Contact the specialist dealer.
No assistance is provided.	Are you pedaling?	1. The e-bike is not a motorcycle. Start pedaling.
	Is the system switched on?	2. Press **On/Off/light button** (control element) to turn the system on.

Symptom	Cause / Possibility	Remedy
	Is the assistance levels set to **OFF**?	3. Switch on the assistance by selecting an available assistance level (except **OFF**). 4. If you still feel that no assistance is being provided, contact your specialist dealer.
The assisted journey distance is too short.	The battery properties deteriorate in winter weather.	This does not indicate a problem.
	The journey distance may be shorter depending on road conditions, the assistance level and the lights' total operating time.	1. Check battery charge. 2. If the battery is almost empty, recharge the battery.
	Is the battery fully charged?	3. If the total distance that can be covered with a fully charged battery has become shorter, the battery may be impacted. Replace the battery with a new one.
	The battery is a wearing part. Repeated charging and long periods of use lead to a drop in the battery performance (power loss).	4. If the distance that can be driven with a single charge is very short, replace the battery with a new one.
Pedaling has become difficult.	Are the tires pumped up to sufficient pressure?	1. Pump up the tires.
	Is the assistance levels set to **OFF**?	2. Switch on the assistance by selecting an available assistance level (except **OFF**).
	The battery charge may be low.	3. Check battery charge. 4. If the battery is almost empty, recharge the battery.
	Was the system switched on with a foot on the pedal?	5. Switch the system on again without pressing the pedals. 6. If assistance is still not provided, contact your specialist dealer.

8.2 REPAIR

Special expertise and tools are required for many repairs. That is why only a specialist dealer may perform repairs.

8.2.1 ORIGINAL PART

The individual e-bike parts have been carefully selected and matched to one other. Only original parts must be used for maintenance and repair. Observe the operating instructions for the new components.

9 RECYCLING AND DISPOSAL

9.1 DISPOSAL

Mechanical and electrical equipment, accessories and packaging should be recycled in an environmentally sound manner. Don’t throw them in the garbage!

Only for EU countries: According to European Directives 2012/19/EU, 2006/66/EC and their transposition into national law, defective or unusable waste electrical and electronic equipment, rechargeable batteries and batteries must be collected separately and recycled in an environmentally sound manner.