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FANATEC CSL TC Table Clamp

Thank you for choosing

To get the most out of your CSL DD, please read this manual before first use. It contains important health and safety information and should be retained for future reference.

WARNING! Photosensitive Seizures

A small percentage of people may experience a seizure when exposed to certain visual images, including flashing lights or patterns that may appear in video games. Even people who have no history of seizures or epilepsy may have an undiagnosed condition that can cause these “photosensitive epileptic seizures” while watching video games. These seizures may have a variety of symptoms, including light-headedness, altered vision, eye or face twitching, jerking or shaking of arms or legs, disorientation, confusion, or momentary loss of awareness. Seizures may also cause loss of consciousness or convulsions that can lead to injury from falling down or striking nearby objects. Immediately stop playing and consult a doctor if you experience any of these symptoms. Parents should watch for or ask their children about the above symptoms – children and teenagers are more likely than adults to experience these seizures. The risk of photosensitive epileptic seizures may be reduced by taking the following precautions:

- Sit farther from the TV screen.
- Use a smaller TV screen.
- Play in a well-lit room.
- Do not play when you are drowsy or fatigued.

If you or any of your relatives have a history of seizures or epilepsy, consult a doctor before playing.

WARNING! Musculoskeletal disorders

Use of game controllers, keyboards, mice, or other electronic input devices may be linked to serious injuries or disorders. When playing video games, as with many activities, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. However, if you experience symptoms such as persistent or recurring discomfort, pain, throbbing, aching, tingling, numbness, burning sensation, or stiffness, DO NOT IGNORE THESE WARNING SIGNS. PROMPTLY SEE

A QUALIFIED HEALTH PROFESSIONAL, even if symptoms occur when you are not playing a video game. Symptoms such as these can be associated with painful and sometimes permanently disabling injuries or disorders of the nerves, muscles, tendons, blood vessels, and other parts of the body. These musculoskeletal disorders (MSDs) include carpal tunnel syndrome, tendonitis, tenosynovitis, vibration syndromes, and other conditions.

While researchers are not yet able to answer many questions about MSDs, there is general agreement that many factors may be linked to their occurrence, including medical and physical conditions, stress and how one copes with it, overall health, and how a person positions and uses their body during work and other activities (including playing a video game). Some studies suggest that the amount of time a person performs an activity may also be a factor. If you have questions about how your own lifestyle, activities, or medical or physical condition may be related to MSDs, see a qualified health professional.

GENERAL

ATTENTION

- The device must not be exposed to rain or humidity in order to avoid risk of fire and /or electric shock.
- Operating room temperature: 15°C – 35°C
- The recommended operation time with continuous force feedback activity is 1 hour.
- Excessive use may cause health risks. We recommend taking a 5 minute break after every 20 minutes of use, and to not drive for more than 2 hours per day.
- Not intended for children under the age of 6 years old. Contains small pieces which pose a choking hazard!
- Do not open the casing of the device.
- This device contains components that cannot be repaired by the user. Opening the device casing will void the warranty.

WARNING! Electrical Safety:

- The CSL DD must be connected to an appropriate power source:

    - Always connect the DC side of the power supply to the wheel base before connecting the AC side of the power supply to your wall socket.
    - Only original power supply units from FANATEC® may be used with the CSL DD. Either the standard 90W PSU or the Boost Kit 180. The use of any third party power supplies may cause damage to the CSL DD, connected peripherals, and present a serious safety hazard to the user. The use of any third party power supplies will void the CSL DD warranty and any connected Fanatec peripheral warranties!
    - Use only the power cord that is included in the package contents with your CSL DD. Replacements may only be issued from an authorised repair centre.
    - Do not use non-standard power sources such as generators or inverters, even if the voltage and frequency appear acceptable. Only use AC power provided by a standard wall outlet.
- To avoid damage, do not expose your CSL DD to sources of heat.
- When connecting and / or disconnecting any steering wheel to / from the CSL DD, take care of the pins inside the Quick Release.
- Only use Fanatec steering wheels with the CSL DD.
- Unplug the power cord of your CSL DD during storms or when unused for long periods of time.
- If the CSL DD becomes damaged in any way, stop usage immediately and contact Fanatec Customer Support: Fanatec.com/support/faq.

GENERAL NOTES

- All specifications in this document are subject to change. The CSL DD firmware and /or PC driver may be updated to implement new features or general improvements.
- Fanatec steering wheels which may be mentioned in this manual are not included within the CSL DD package and sold separately. You can obtain them from the Fanatec webshop: Fanatec.com
- Additional peripheral devices like shifters, pedals, LED displays and others which may be mentioned in this manual are not included within the CSL DD package and are sold separately. You can obtain them from the Fanatec Webshop: Fanatec.com
- This manual discusses assembly, connections, and functions related to Fanatec steering wheels and other additional devices. This is not a replacement manual for the

other corresponding products! Read the quick guides or user manuals for the other products as well!

- The warranty does not include defects that are due to commercial use of the product. See chapter “Warranty” at the end of this user manual as well as the Terms & Conditions on Fanatec.com for more details.
- To understand user behaviour with the CSL DD, and to help us improve this and future products, the wheel base continuously logs the number of hours it has been used on the standard power supply and Boost Kit 180. Logged data is product-related, not user-related, and therefore anonymous.

COMPATIBILITY

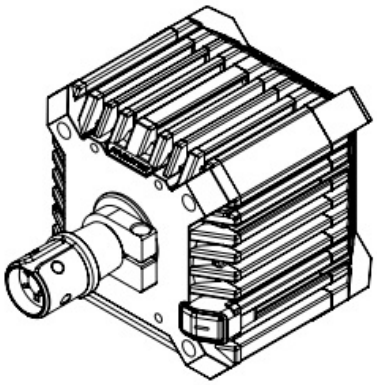
The CSL DD can be used with a wide range of CSL, CSL Elite, ClubSport, and Podium series steering wheels and hubs. Using different wheels helps to create a more realistic feeling based on the type of vehicle being simulated and your driving style. It’s up to you! Additional peripheral devices from Fanatec such as pedals, shifters, and a handbrake are fully compatible with the CSL DD.

You can obtain them from the Fanatec webshop: Fanatec.com

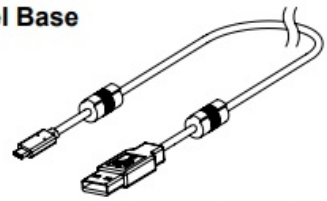
The CSL DD is compatible with Windows PC and with Xbox One and Xbox Series X|S when used with an officially licensed Xbox Fanatec steering wheel. Check steering wheel compatibility for details.

IMPORTANT: CSL DD is fully usable out of the box. We always recommend updating to the latest driver and firmware. See chapter 5.1 “Firmware & Driver Update” for more details. A Windows PC and PC mode selected on the wheel base is required to perform firmware updates.

PACKAGE CONTENTS

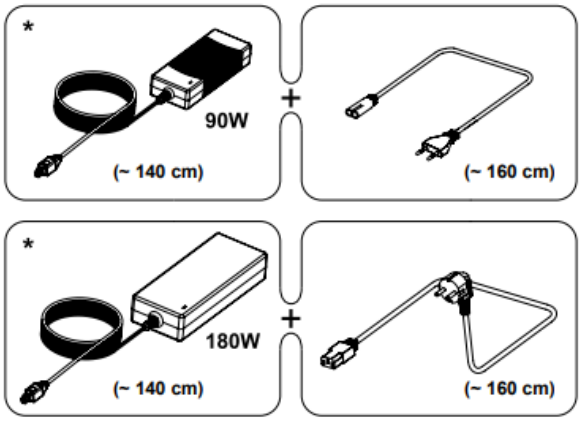


a 1x CSL DD Wheel Base



b 4x M6x8 mm Hard-Mounting T-Nut

c 1x USB Type-A to Type-C Cable



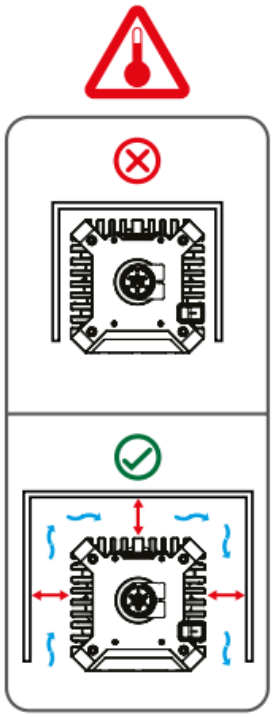
d 1x Power Supply

e 1x Power Cord (Regional)

ASSEMBLY

PLAN YOUR SETUP

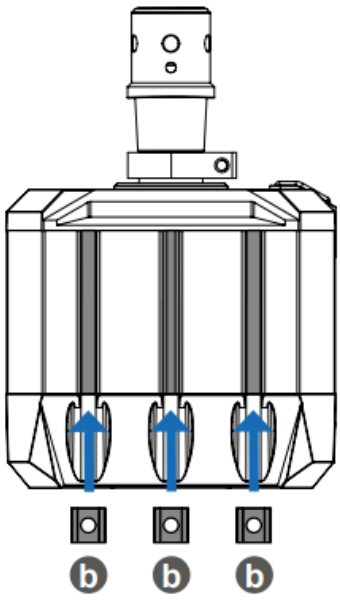
To get started with using the CSL DD, decide on whether you will hard-mount the wheel base or use the CSL Table Clamp (not included), connect your steering wheel via the Quick Release system, then connect the CSL DD to your PC or Xbox console (Xbox licensed steering wheel required) using the included USB cable. It is important to follow the chapter sequence of this manual for an effective assembly and setup procedure.



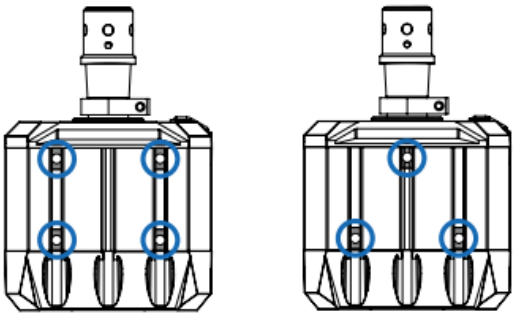
ATTENTION: See chapter 4.5 “Connections” for which type of peripheral devices must be connected to which port at the rear of the CSL DD. All devices have to be connected to the CSL DD before powering ON to allow proper detection and operation. Only use the included USB cable from your CSL DD package contents to avoid damages! Ensure there is enough space around the wheel base to allow for air to circulate. Passive air circulation is sufficient.

HARD-MOUNTING

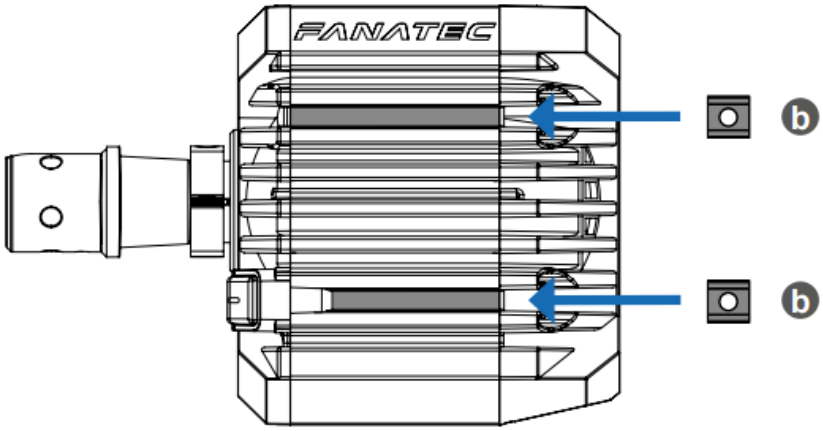
Insert the T-nuts into the T-slots found on the underside of the wheel base for hard-mounting from the bottom.



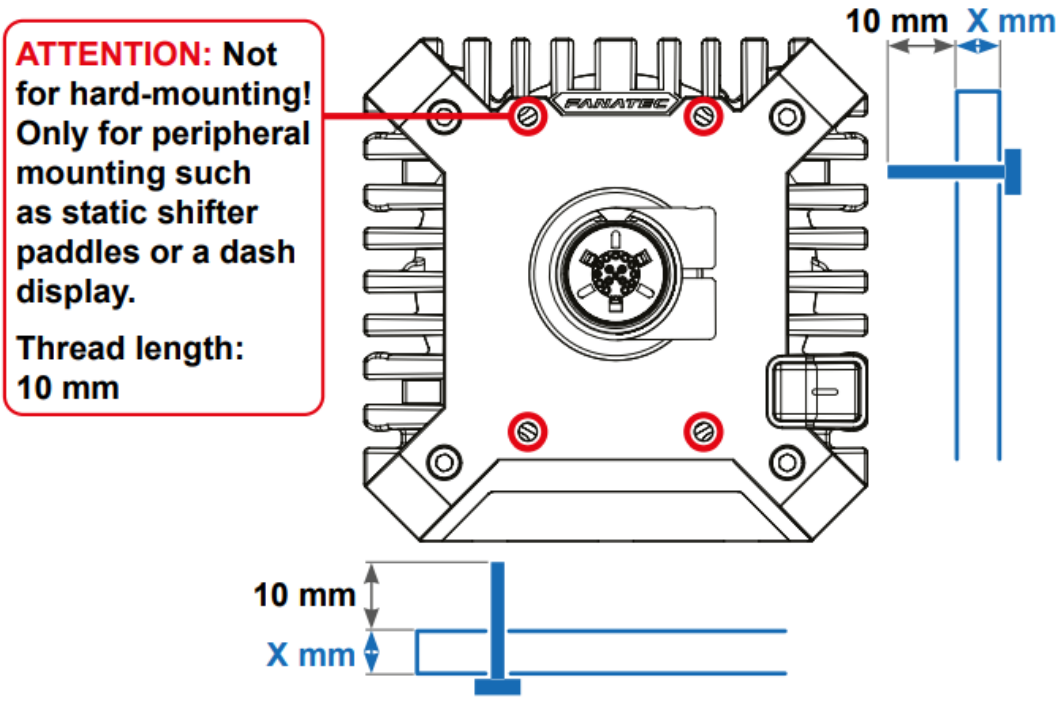
You can position the T-nuts in any configuration to suit the position of the holes on your hard-mounting surface. The examples above show optimal T-nut positions.



For optimum side-mounting, check out our optional PODIUM Mounting Brackets at Fanatec.com. (M6 bolts and washers required.)



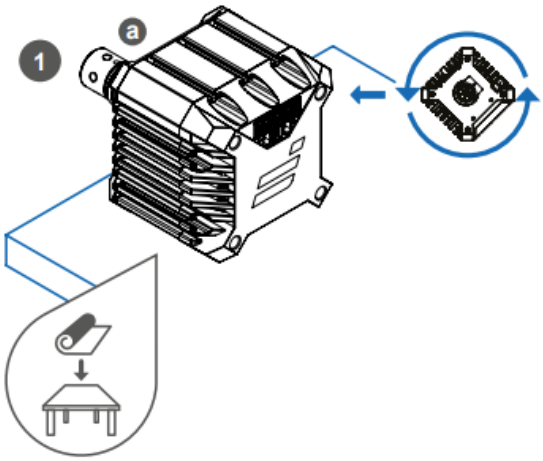
Insert the T-nuts into the T-slots found on the sides of the wheel base for hard-mounting from the sides.
You can position the T-nuts in any configuration to suit the position of the holes on your hard-mounting structure.



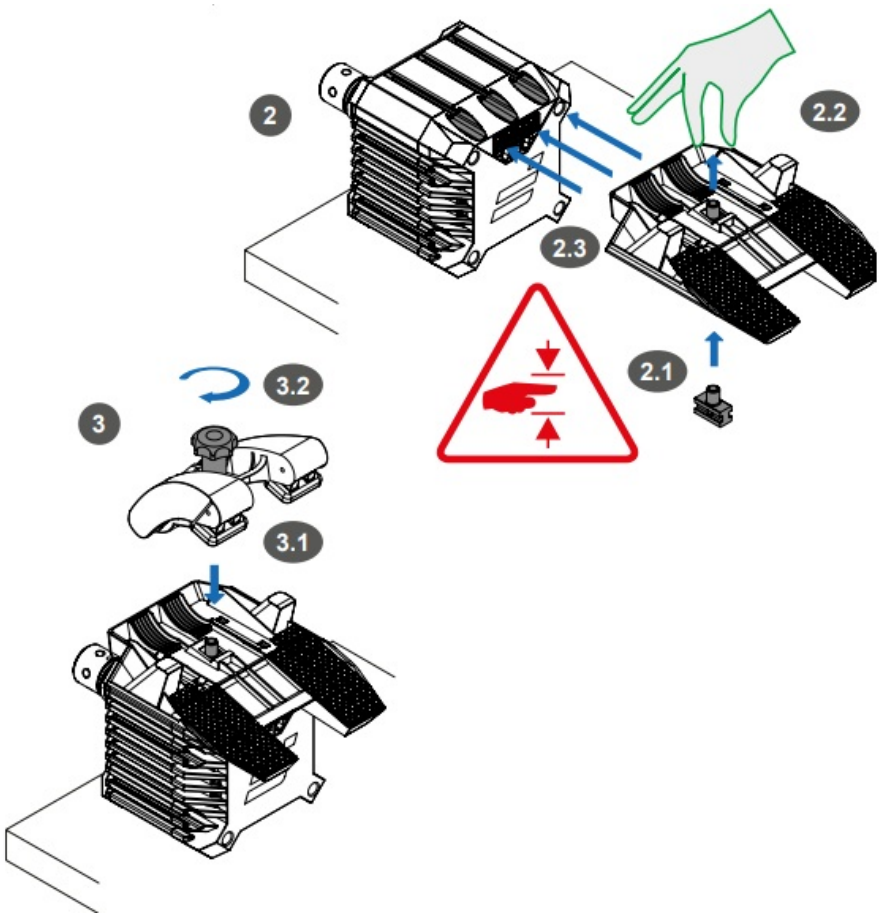
NOTE: Use only good quality bolts when hard-mounting.

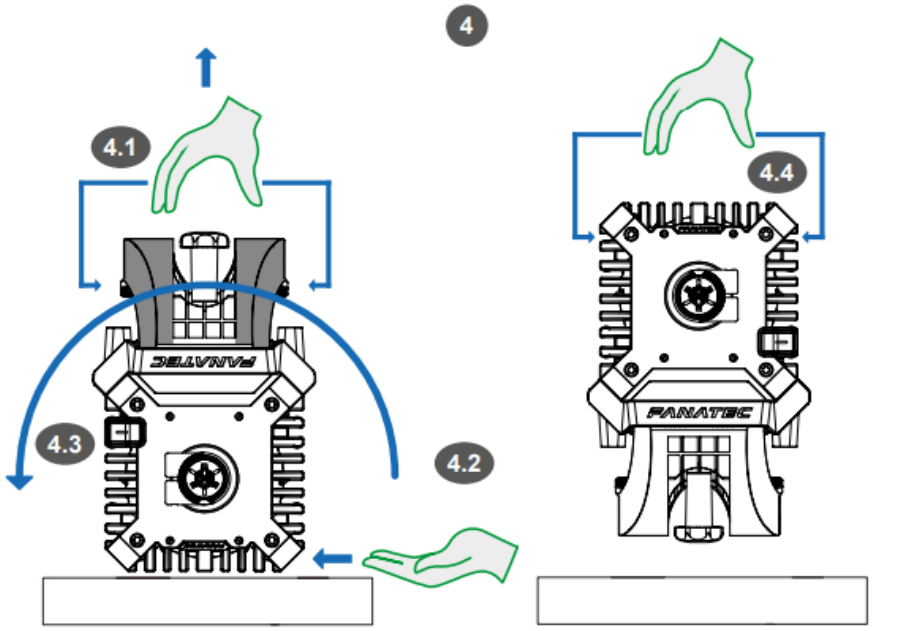
Bolt specifications: M6x(10+X) mm

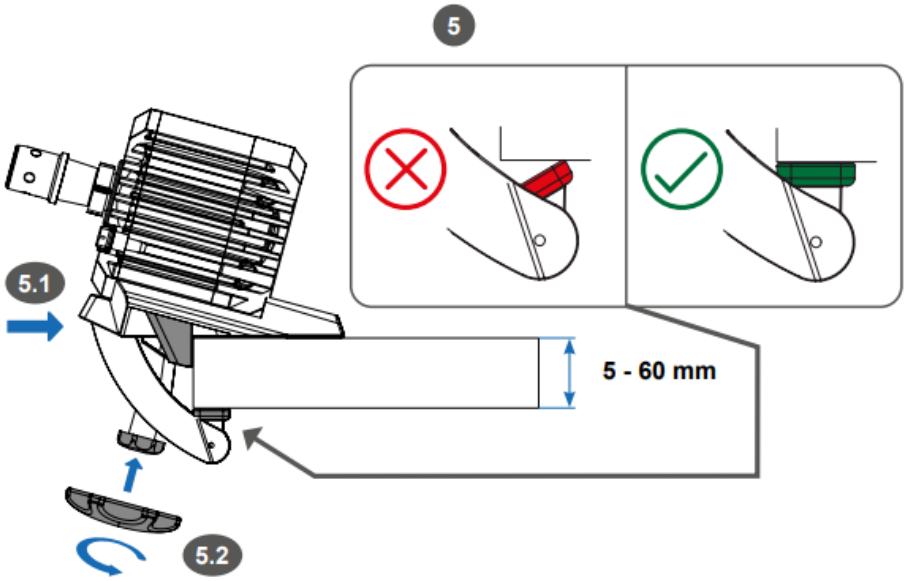
TABLE CLAMP



For easily-removable mounting to a table or desk, check out the optional CSL Table Clamp at Fanatec.com.

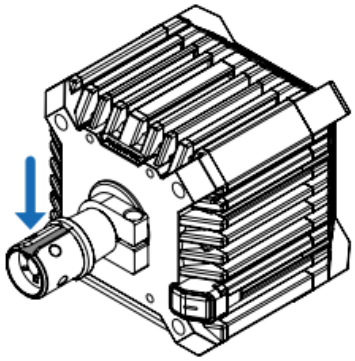

2
2.2
2.3
2.1
3
3.2
3.1





ATTACHING A STEERING WHEEL

Ensure that the groove on the QR1 Base-Side shaft is facing upwards.

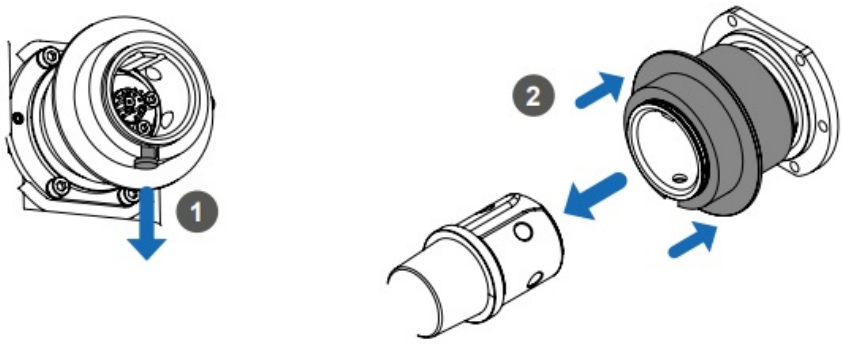


NOTE: Ensure that there is no force feedback effect active.

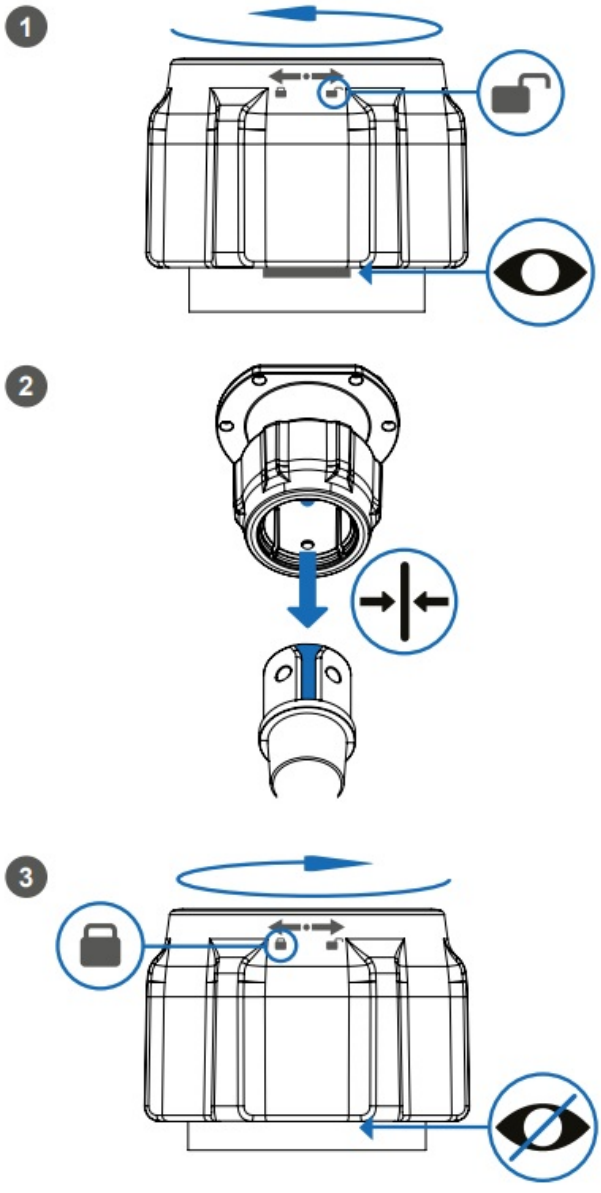
Carefully slide any Fanatec steering wheel with a QR1 Wheel-Side or QR1 Lite Wheel-Side onto the wheel base shaft by pulling and holding the sleeve. Once firmly

connected, release the sleeve.

QR1 Wheel-Side

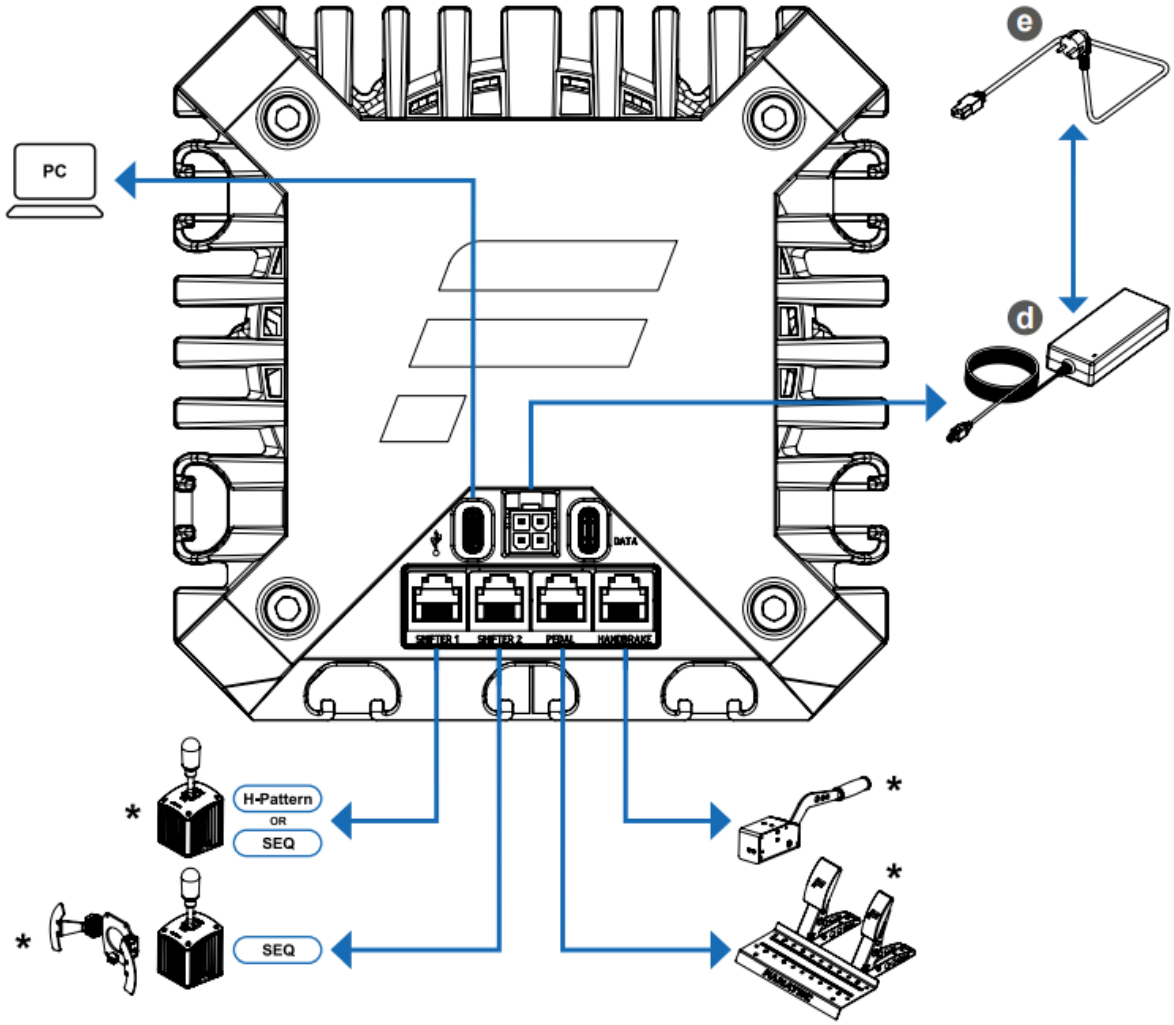


QR1 Lite Wheel-Side



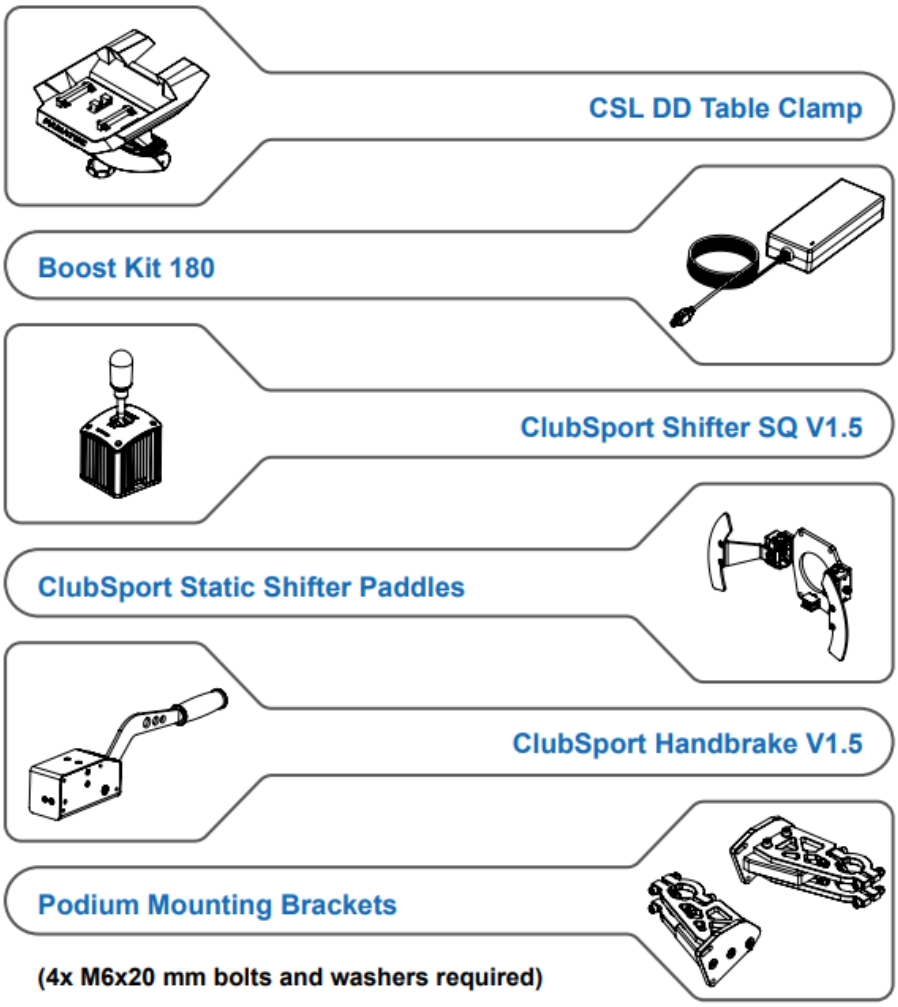
CONNECTIONS

ATTENTION: The DataPort-C port at the rear of the wheel base is intended for future Fanatec peripheral products. Do not connect any devices via the DataPort-C ports found in the shaft and at the rear of the wheel base that are not appropriate Fanatec products. Doing so may cause damage to the wheel base and / or connected devices, and is not covered by the warranty.



RECOMMENDED ACCESSORIES

Alongside the full catalogue of Fanatec Steering Wheels and Pedals, the following accessories are also compatible with the CSL DD. Check them out by clicking on the hyperlinked product names below or at Fanatec.com.



FUNCTIONS & FEATURES

FIRMWARE & DRIVER UPDATE

ATTENTION: A Windows PC is required to perform firmware updates. Ensure that the wheel base is in PC mode. See chapter 5.3 “Modes”.

The firmware provides the CSL DD functionality, steering wheel functionality, defines the compatibility, and handles the communication between the device to PC or console, as well as to other peripheral devices such as shifters and pedals.

For a complete guide on updating the firmware and driver, see our Driver & Firmware Instructions Manual on Fanatec.com.

Fanatec.com/df-manual-V1

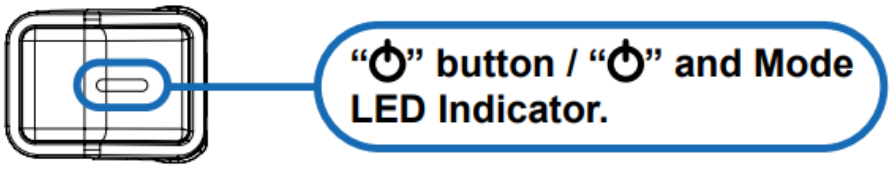
Fanatec.com/df-manual-V1

START-UP PROCEDURE

To turn on the wheel base, connect the system to electrical power and press the "⏻" button on the right side of the wheel base for about one second. The wheel base will then immediately perform a start-up calibration. To turn off the wheel base, press and hold the "⏻" button for 3 seconds.

NOTE: Only use the power supply (d) and power cord (e) included with this product. Using any other power source is prohibited and will void the warranty.

ATTENTION: To avoid injury or incorrect calibration, do not touch the wheel base shaft or attached steering wheel whilst the wheel base is performing the start-up calibration.



MODES

To cycle through modes, short press the power button whilst the wheel base is on. The LED colour illuminating the power button will indicate the current mode:

Red indicates PC mode

Green indicates Xbox mode (Xbox licensed steering wheel required) NOTE: This is accompanied by a white LED on the Xbox licensed steering wheel when the wheel base is connected to an Xbox.

Yellow indicates ClubSport Wheel Base V2.5 Compatibility mode

NOTE: It is also possible to change modes through a specific button combination on every Fanatec steering wheel. Please refer to your steering wheel quick guide in order to see which button combination is required.
NOTE: Once the mode has been changed manually, the wheel base will remain in the selected mode after subsequent booting until the mode is manually changed again. Exception: After a firmware update is performed.

CENTRE CALIBRATION

It may be necessary to calibrate the centre position manually. This will be indicated by “CAL” flashing on the display of every Fanatec steering wheel as illustrated below:

7-Segment LED:

OLED:

NOTE: Every Fanatec steering wheel has a specific button combination in order to perform a centre calibration. Please refer to your steering wheel quick guide in order to see which button combination is required. Centre calibration can also be performed in the PC driver.

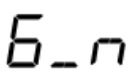
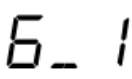
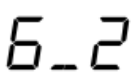
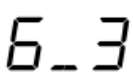
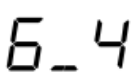
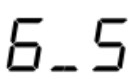
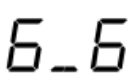
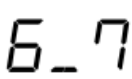
SHIFTER CALIBRATION

NOTE: Every Fanatec steering wheel has a specific button combination in order to perform a shifter calibration. Please refer to your steering wheel quick guide in order to see which button combination is required. Shifter calibration can also be performed in the PC driver. After a firmware update has been performed, the wheel base will request the shifter calibration automatically as soon as a non-calibrated H-pattern shifter is connected and detected. The menu will guide you through the calibration steps as described below.

In order to enter the H-pattern shifter calibration mode, press the button combination as described in the quick guide of the attached Fanatec steering wheel while an H-pattern shifter is connected.
Put the H-pattern shifter lever into the position shown on the steering wheel display and

acknowledge each gear position by pressing the indicated button for the attached steering wheel to get to the next one.

The images shown below are from the LED and OLED displays of Fanatec steering wheels:

7-Segment LED:	OLED:	
		**= Neutral Position**
		= Reverse Gear
		**= 1st Gear**
		**= 2nd Gear**
		**= 3rd Gear**
		**= 4th Gear**
		**= 5th Gear**
		**= 6th Gear**
		**= 7th Gear**

NOTE: Instructions displayed on steering wheels featuring an OLED display may differ slightly from each other after firmware updates.
If your shifter has no 7th gear, just acknowledge it by pressing the indicated button for the attached steering wheel when the shifter lever is physically in 6th gear. Shifter calibration will be completed after the 7th gear has been confirmed.
NOTE: If you did not intend to enter the shifter calibration mode, complete the calibration process either without a connected shifter or without moving the shifter lever. You may then leave the shifter calibration mode at the end of the process. This has no impact on the original calibration and you can go ahead without a shifter.

TUNING MENU

In order to enter the Tuning Menu, press the Tuning Menu button of the connected Fanatec steering wheel. The Tuning Menu will be shown on the display of the connected

steering wheel. To navigate through the Tuning Menu, use the D-Pad or FunkySwitchTM of the connected steering wheel.

NOTE: Read the quick guide of the connected Fanatec steering wheel in order to perform various functions such as centre calibration via button combinations. Tuning parameters are subject to change and may be altered in future firmware versions.

TUNING MENUS AND PROFILES

Standard Tuning Menu: 1 Auto + 1 Custom setup Core parameters only Advanced Tuning Menu: 1 Auto + 5 Custom setup All parameters

Auto Setup:
Auto Setup allows games to control tuning parameter values for a force feedback experience as intended by the developer. Manual changes to tuning parameter values by the user are not possible.
Enter the Tuning Menu by pressing the Tuning Menu button and select ‘A SET’ to activate the Auto Setup. When a game actively uses Auto Setup, ‘A.SET.’ will be shown. If no game uses Auto Setup, the factory default tuning settings are used.

In order to view which tuning parameters are automatically adjusted, enter the Tuning Menu by pressing the Tuning Menu button. Select ‘A SET’, then navigate to the desired tuning parameter. Attempt to change the tuning parameter which will reveal the auto adjusted value.

Standard Tuning Menu:
This Tuning Menu will activated by default when entering the Tuning Menu for the first time by pressing the Tuning Menu button. ‘A SET’ indicates the Auto Setup profile and ‘C SET’ indicates the Custom Setup profile.

This setup profile allows access to:

- SEN (Sensitivity)
- FF (Force Feedback)
- NDP (Natural Damper)

- SHO (Shock / Vibration Strength)
- MPS (Multi Position Switch Function)
- BRF (Brake Force)

SHO, MPS, and BRF parameters are only available when supporting products are connected. See (5.6.12) and (5.6.13) on page 22 as well as (5.6.15) on page 23 for detailed information.
These tuning parameters have slightly adjusted ranges to ensure the best possible standard tuning experience apart from SHO, MPS, and BRF.

Cycle Standard and Advanced Tuning Menu:
Pressing and hold the Tuning Menu button on your steering wheel for 4 seconds in order to switch between Standard and Advanced Tuning Menu as illustrated below. Press and hold for an additional 6 seconds in order to reset the Custom Setup profiles to the default values. Resetting the Tuning Menu will activate the Standard Tuning Menu.

Advanced Tuning Menu:
'A SET' indicates the Auto Setup profile and '1 SET' to '5 SET' indicates the Custom Setup profiles.
These profiles allow full access to all tuning parameters without limitation.

SEN (SENSITIVITY)

- Standard SEN range: 180 … 1080 AUTO SEN default: AUTO
- Advanced SEN range: 90 … 2520 AUTO SEN default: AUTO

Sensitivity defines the degrees of rotation. If SEN is set to 90 the steering wheel can only be turned 90° (45° left and 45° right from the calibrated centre position). If SEN is set to 2520 the steering wheel can be turned 2520° (1260° left and 1260° right from the calibrated centre position). If SEN is set to AUTO, the sensitivity is controlled by the PC driver or directly by the game (if it supports the feature).

FF (FORCE FEEDBACK)

- Standard FF range: 005 … 100 FF default: 100
- Advanced FF range: OFF 001 … 100 FF default: 100

Force Feedback defines the maximum strength of the motor when force feedback effects from software / games are sent to the CSL DD. If FF is set to OFF, there will be no force feedback effect executed by the CSL DD motor. If FF is set to 001, the motor will execute only 1% of the maximum motor power. If FF is set to 100, the motor will execute 100% of the maximum motor power. The final torque output is influenced by several factors, including the force feedback modifiers (see below), and the in-game settings. For stronger feedback, it is better to run a higher 'FF' value in the Tuning Menu rather than turning up the in-game strength value (to avoid clipping).

FFS (FORCE FEEDBACK SCALING)

- FFS range: LIN (Linear) / PEA (Peak) FFS default: PEA

FF Scaling reduces maximum FFB output by a small amount in order to guarantee a consistent output between peaks and holding forces as well as improved general linearity between game output and torque output. LIN activates this setting and PEA deactivates this setting.

PSU	FFS Range	Max. Torque
Standard PSU	LIN	4 Nm
	PEA	5 Nm
Boost Kit 180 PSU	LIN	6 Nm
	PEA	8 Nm

NDP (NATURAL DAMPER)

- Standard NDP range: 25 … 100 NDP default: 50
- Advanced NDP range: OFF 01 … 100 NDP default: 50

Natural Damper provides additional damping which can be adjusted from OFF to 100. 100 will have the strongest damping effect which reacts to the acceleration and angle of your steering. If turned OFF, your steering will have no additional damping, making it easier to turn the steering wheel.

Natural Damper is useful for controlling the speed of the wheel during oversteer, and also helps to reduce wheel oscillation. Oscillation is typically caused by latency in the feedback loop, and is more apparent in racing games that are not optimised for high-torque motors. The default value of 50 provides a balance between steering responsiveness and oscillation mitigation.

NFR (NATURAL FRICTION)

- NFR range: OFF 001 … 100 NFR default: OFF

Natural Friction is used to simulate the mechanical feel of steering components. A higher setting results in more resistance when rotating the steering wheel. This can enhance the feeling of driving vehicles without power steering, or with very wide tyres. This setting may also help prevent oscillation.

NIN (NATURAL INERTIA)

- NIN range: OFF 001 … 100 NIN default: OFF

Natural Inertia simulates additional steering weight. This can be particularly useful when using lighter steering wheels such as steering wheels from our CSL Elite / CSL range. Additionally, the Natural Friction setting is smoothed on direction changes.

INT (FFB INTERPOLATION)

- INT range: OFF 01 … 20 INT default: 11

FFB Interpolation smooths and interpolates FFB by filtering game output without FFB

detail loss. OFF = unfiltered, 01 = lowest filter, and 20 = highest filter.

FEI (FORCE EFFECT INTENSITY)

- FEI range: 000 … 100 FEI default: 100

Force Effect Intensity adjusts the overall intensity and smoothness of force effects: 000 is the smoothest. 100 is the sharpest and most direct. Tuning this parameter can refine harsh or spiky force feedback signals in some games.

FORCE / SPRING / DAMPER EFFECT

- FOR range: OFF 010 … 120 FOR default: 100
- SPR range: OFF 010 … 120 SPR default: 100
- DPR range: OFF 010 … 120 DPR default: 100

These FFB modifiers allow you to change the FFB signals of a game (only applicable if games support these effects). Theoretically, there are three signal types which a game can send. Force (forces the steering wheel in a specific direction). Spring (pulls the steering wheel towards the dynamic centre). Damper (creates friction)

NOTE: Not every game uses all three types of effects and some games use only one type to create all three effects.

IMPORTANT: If Spring is adjusted to low values or OFF, the wheel base will not be able to move the attached steering wheel to the correct centre position after a centre calibration is performed. Only adjust these values higher than 100% if the FFB effects are not strong enough and weaker in comparison to other games. Raising one or more of these values may result in higher load on the motor and increase heat generation.

BLI (BRAKE LEVEL INDICATOR)

- BLI range: 001 … 100 OFF BLI default: OFF

Values from 001 to 100 sets the activation point for brake pedal vibration (only available when ClubSport Pedals V3 / V3i is connected). This feature works independently and

therefore can be used with any game. It is useful for learning threshold braking technique. OFF allows pedal vibration to be controlled by a game directly (if supported).

SHO (SHOCK / VIBRATION STRENGTH)

- SHO range: OFF 010 … 100 SHO default: 100

The strength of the shock / vibration inside a Fanatec steering wheel and pedal set which features vibration motors can be adjusted from 100% to 0%.
These vibration motors can be used by a game directly if supported.

MPS (MULTI POSITION SWITCH FUNCTION)

- MPS: AUTO; ENC; CONST; PULSE MPS default: AUTO

AUTO (Game specific): The game can decide which mode is appropriate.

ENC (Encoder): The MPS simulates two buttons, one when rotating the MPS left and one when rotating the MPS right.

CONST (Constant): The MPS outputs a constant button signal for each position.

PULSE: The MPS outputs a specific button signal for each position which is only sent as a single pulse when you rotate the switch.

NOTE: Only available if you are using a Fanatec steering wheel featuring multi position switches such as the ClubSport Steering Wheel Formula V2.5. Additionally this feature must be supported by the game to function.

AP (ANALOGUE PADDLES)

- AP: CbP; CH; bt; AnA AP default: CbP

CbP(Clutch Bite Point): This feature can be used in any game with an analogue clutch axis. Both left and right analogue paddles work in parallel; the primary paddle is determined by which is pressed further.

Clutch bite point configuration steps	
Simplified	**Advanced**
• Press both clutch paddles simultaneously to a least 5% to activate, move both paddles up to 100%. • Release one paddle whilst keeping the other fully pressed. The dis- play will now show the percentage value of the released paddle while the car's clutch is still fully pressed. • Set the released paddle to the percentage where your car's clutch starts to bite (recommended to evaluate by conducting multiple launch starts). • As soon as the virtual start lights turn green, completely release one of the fully pressed paddles and the clutch will immediately be at the bite point. • Release the second paddle once a suitable speed is reached for the optimum launch.	• Completely press and hold one clutch paddle. • Press the FunkySwitchTM D-pad stick down. "100" will be shown on the display. Rotate the FunkySwitchTM in order to change the percentage of the bite point as desired to suit your car (recommended to evaluate by conducting multiple launch starts). • Release the paddles to set and store the desired value. You can have an individually stored value for each Tuning Menu slot S_1 … S_5. • At race start, press both paddles again to activate the bite point mode, Release one of the paddles and the clutch will immediately be at the bite point. • Release the second paddle once a suitable speed is reached for the optimum launch.

CH(Clutch / Handbrake): Left paddle = Clutch. Right paddle = Handbrake.

bt(Brake / Throttle): Left paddle = Brake. Right paddle = Throttle.

AnA(Mappable Axes): Paddles can be mapped as two additional axes. This may be shared with the analogue joystick on some steering wheels.

NOTE: Only available if you are using a Fanatec steering wheel or add-on shifter paddles featuring analogue paddles which do not have a dedicated hardware switch for different analogue paddle modes.

- CSP V3 / V3i: Lo 001 … 100 Hi BRF default: 050
- CSL E P LCK / CSL P LCK: Lo 010 … 100 Hi BRF default: 050

Brake Force changes the force needed to reach 100% brake input for load cell brake pedals and is available when a pedal set featuring a load cell brake is connected to a wheel base via RJ12. OFF requires the least amount of brake pressure, 100 requires the most amount of brake pressure.

CLEANING

Clean only with a dry or slightly damp microfibre cloth. Using cleaning solutions may damage your CSL DD.

TROUBLESHOOTING

The CSL DD must not be modified differently other than explicitly described in this manual. Endor® AG expressly prohibits analysis and utilisation of the electronics, hardware, software, and firmware contained in this device. In case difficulties occur regarding utilisation of the CSL DD, please use the following troubleshooting guide. You will find further details and contact information on Fanatec.com/support/faq.

If the CSL DD is not working properly:

Problem description	**Solution**
The steering wheel is not properly centre d after a firmware update of the CSL DD has been performed.	After performing a firmware update of the CSL DD, the wheel centre position must b e manually calibrated. See chapter 5.4 “C entre Calibration” of this manual for more details.

The H-pattern shifter is not working properly after a firmware update of the CSL DD has been performed.	After performing a firmware update of the CSL DD, the H-pattern shifter must be manually calibrated. See chapter 5.5 “Shifter Calibration” of this manual for more details.
The driver window does not show the attached steering wheel.	Ensure that you have updated your CSL DD to the latest firmware version which is contained in the latest PC driver and can be downloaded from Fanatec.com/driver.
	Check the pins inside the Quick Release of the steering wheel. These must not be bent or damaged.
	Try to use another steering wheel. If this is also not detected the CSL DD may be damaged.
The PC driver is unable to switch the wheel base into update mode.	Hold power button for 8 seconds in order to boot into bootloader mode. Attempt to update firmwares via the Firmware Update Assistant.

The Tuning display does not show anything or is not working properly.	Try to use another steering wheel. If this is also not working properly the CSL DD may be damaged.
	Check the pins inside the Quick Release of the steering wheel. These must not be bent or damaged.

After booting on the CSL DD, the start-up calibration is not working properly.	Ensure that you have updated your CSL DD to the latest firmware version which can be downloaded from Fanatec.com/driver.
After start-up calibration of the CSL DD, the attached steering wheel does not return to the correct centre position.	The wheel base might require a manual centre calibration. See chapter 5.4 “Centre Calibration” of this manual for more details.
RevLEDs, FlagLEDs and / or display does not work in specific games.	Older titles may not support recent wheel bases. A possible solution is to switch to the “ClubSport Wheel base V2.5 Compatibility Mode” (LED). Also please check out our PC suite “FanaLab” which may add support for some titles and features.
How can I get in contact with Fanatec customer support?	There is a chat service on our website, or you can create a Support Ticket via the‘My Products’ section of your Fanatec account. Fanatec.com

VIDEO MANUAL

Fanatec.com/QR/CSL-DD

SERIAL NUMBER

The serial number is located at the bottom of the wheel base as well as on the gift box and shipping box.

The serial number of the CSL DD starts with letters ‘LA’ and has additional 8 numbers, for example: LA021000370.

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PRODUCT RECYCLING

Please follow your local regulations when disposing of this product as e-waste.

COMPLIANCE

CE COMPLIANCE

This device complies with the European product regulations according to CE regulations. The CE regulations contain basic requirements for safe usage of technical products.

FCC COMPLIANCE

This device complies with part 15 of the FCC rules. The operation of this device is subject to the following two conditions:

- This device may not cause harmful interference, and must accept any interference received, including interference that may cause undesired operation.
- This device was not modified differently than described explicitly in this user manual.

NOTE: This device was tested and approved to the limitations for class B of digital devices according to part 15 of the FCC rules. This limitation should ensure an adequate protection against harmful interferences in residential areas.

However, a warranty for the non-recurring of interferences is not assumed.

Do not modify the device differently than explicitly described in this user manual. Nevertheless, if you do modify the device differently than explicitly described in the product-related manual, you can be determined to stop the operation of the device.

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This product meets the requirements of the Technical Regulations which limit the use of certain hazardous substances in electrical and electronic equipment.

RoHS.
ENDOR products comply with the European Union Directive 2011/65/EU and its amendments, including exemptions for the use of lead such as high-temperature solder. ENDOR is working to phase out the use of these exempted substances where technically possible.

WARRANTY

Endor® AG (“Endor“) or local subsidiaries warrants to the original purchaser that the

Fanatec product, which includes components contained in the retail box with this product will be free from material defects in material and workmanship for a period of one year from the original date of purchase (the “Warranty Period”). This warranty is valid in the country where the product was purchased. If this product is determined to be materially defective during the warranty period, your sole remedy and Endor’s sole and exclusive liability is limited to the repair or replacement of this product with a factory-recertified product, at Endor’s option. For purposes of this Limited Hardware Warranty and Liability, “factory recertified” means a product that has been returned to its original specifications.

This warranty does not apply if this product

- is used with products that are not expressly declared in the product descriptions as compatible with this product;
- is used with peripherals Endor does not license, expressly approve or sell. This includes non-licensed hardware enhancement devices, controllers, adaptors, and power supply devices (“non-licensed/non-approved peripherals”);
- is used for any commercial purpose, including rental or arcade purposes;
- is modified or tampered with contrary to the operating and maintenance instructions;
- is damaged by the acts of God (natural disasters), negligence, accidents, wear and tear, unreasonable use, or by causes unrelated to defective materials or workmanship;
- has the serial number altered, defaced or removed (where applicable);
- has the warranty seal altered, defaced or removed (where applicable).
  This warranty does not cover consumables (such as batteries) or products sold and clearly marked “AS IS” or with faults. Endor may void this warranty if
  1. Endor reasonably believes that the product has been used in a manner that violates the terms of a separate end user agreement for firmware, system software or game software;
  2. the product is used with non-licensed/non-approved peripherals. Consumer assume all risks and liabilities associated with use of third-party products.

This warranty is provided to you in lieu of all other express or implied warranties. This includes warranties of merchantability and fitness for a particular purpose for this product, which Endor disclaims under these terms. However, if applicable law requires any of these warranties, then they are limited in duration to the warranty period.

Except as expressly stated above, Endor excludes all liability for loss of data, loss of profit, or any loss or damage suffered by you or any third party, whether those damages are direct, indirect, consequential, special, or incidental and however arising under any theory of law, as a result of using this product. Some states or provinces do not allow limitations on how long an implied warranty lasts and some states do not allow the exclusion or limitations of consequential or incidental damages, so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights. You may also have other rights which vary from state to state or province to province. The warranty offered by Endor on this product is the same whether or not you register your product.

This warranty does not apply to any system software / firmware that is pre-installed in the purchased product, or is subsequently provided via update or upgrade releases. In case of issues apparently related to system software / firmware as well as any other product related issues, Endor recommends checking the FAQ database at fanatec.com/support/faq to see if your problem can be solved there.

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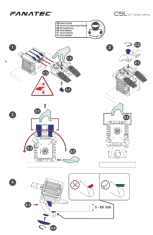	FANATEC CSL TC Table Clamp [pdf] User Guide P19, P1904, CSL TC Table Clamp, CSL TC, Table Clamp, Clamp

References

- User Manual

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