

## LED Guide

State	Mode
Blue flashing	parking
Blue	driving
Blue fast flashing	Low battery

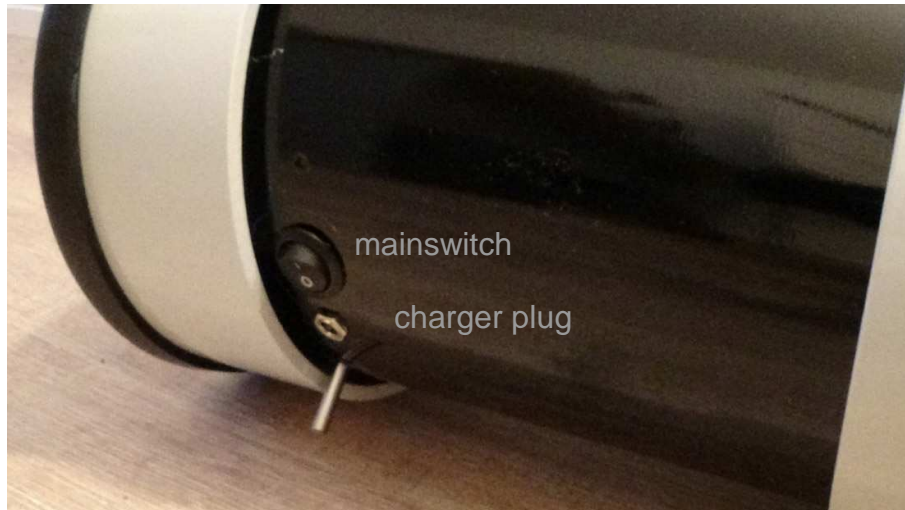
## Keyboard Control for Firefox

Command	Action
Up/w	forward
Down/s	backward
Left/a	Turn left
Right/d	Turn right
End/p	park
Page up/q	Tilt pad upwards
Page down/y	Tilt pad downwards



## Initial Setup!

1. Plug in the charger cord to the back of your twinBot. !
2. The chargers LED will be red while charging. Charging takes about 2 hours.!
3. When twinBot has reached a full charge, the LED will turn green



Stand it upright on a flat surface! Turn on the twinBot using the power switch which is located on the back. The parkingstands will slide out, the LED is flashing (parkmode)

## 4. Setting the twinBots height



use a 5mm allen wrench to loose the upper tube connector screw. Slide out the the upper tube gently (12cm for optimal height). **Note: If the tablet is mounted too high, or if the tablet is too heavy, the twinBot can fall over!**

### 5. Mounting the tablet holder



Unscrew the black screw on the servos golden toothwheel. Use the metal frame that comes with the toothed servo wheel and plug it on the golden servo tooth wheel. Fix it with the black screw.

### 6. Mounting metal frame



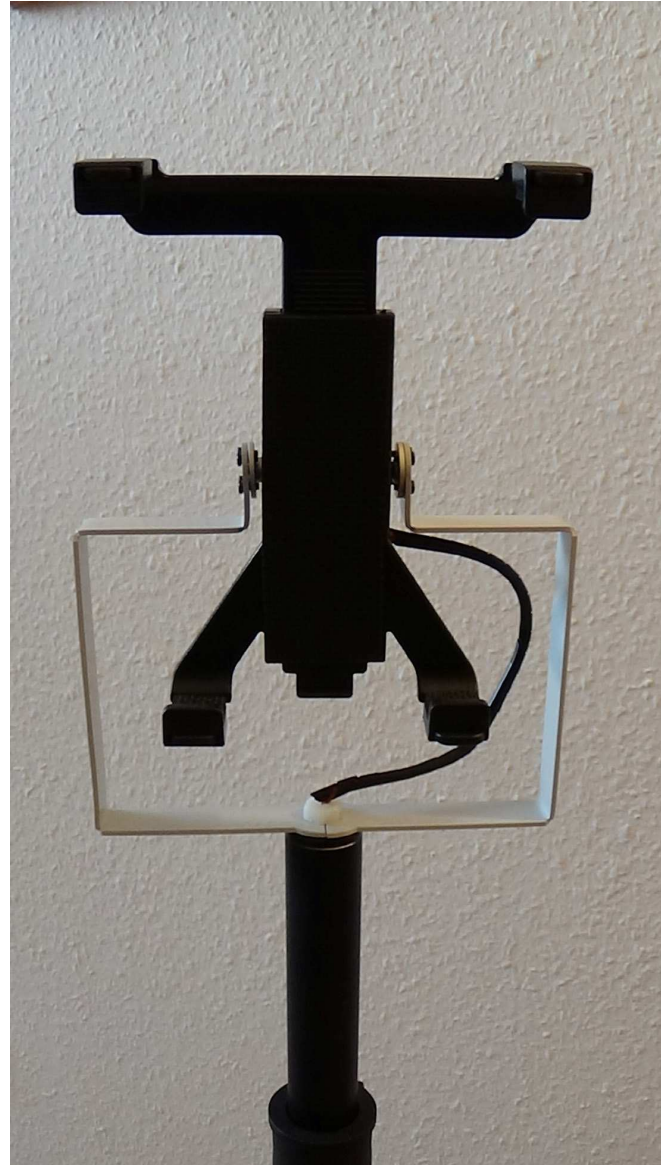
Tighten the plastic screw, so that the metal frame fits easily in the gap.



## 7. Fixing the tablet holder



Tighten the plastic screw gently, so the the metal frames will be located on the top of the tube.

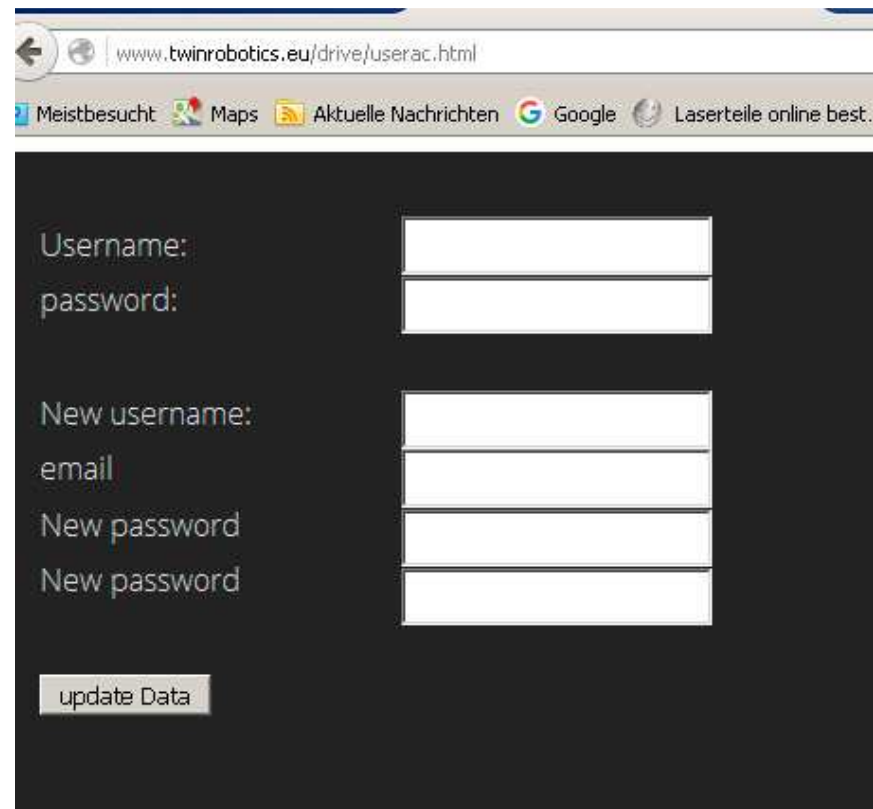


## 8. Setting up tablet

to control the twinBot you need to install the firefox Browser (>=Vers 42) and the twinBotControll App. If you ordered a twinBot including a tablet these programs are pre installed. Connect your tablet to the internet. Enable blue tooth and make a pairing with the twinBot. Use the key "1234". If you starting the first time the twinBotCtrl App you had to login with your twinBot Id and the default password. You'll find your login data at the end of this manual. If you lost your data you can request a new sets of passwords ([support@twinrobotics.eu](mailto:support@twinrobotics.eu)). We recommend first to change the default password and username using the webside ([www.twinrobotics.eu/drive](http://www.twinrobotics.eu/drive)). Click on "change userdata" and enter the default username and password. Enter a new username and a new password. The twinbot ID could not be changed!

**Note: to login on the tablet you had to enter the twinbot ID and the password.** The twinBotctrl App saves the ID/Password and starts the browser session.

**Note: if you install the firefox browser by yourself you have to disable the media permission.** Type: "About:config" and sets the flag for „*media.navigator.permission.disabled*“ to „*true*“.  
Otherwise the browser will always ask for camera access.



The screenshot shows a web browser window with the address bar displaying [www.twinrobotics.eu/drive/userac.html](http://www.twinrobotics.eu/drive/userac.html). The browser's toolbar includes icons for 'Meistbesucht', 'Maps', 'Aktuelle Nachrichten', 'Google', and 'Laserteile online best.'. The main content area has a dark background and contains a form with the following fields and labels:

- Username:
- password:
- New username:
- email:
- New password:
- New password:

At the bottom of the form is a button labeled 'update Data'.

## 9. Connecting to the twinBot

For remote access use the website [www.twinrobotics.eu/drive](http://www.twinrobotics.eu/drive)



The screenshot shows a dark-themed control interface for the twinBot. It features two input fields for 'Username:' and 'password:'. Below these are two buttons: 'connect' and 'flip cam'. There are also two links: 'activate cursor control' with a small square icon, and 'change userdata' which is highlighted with a red dashed border. A 'battery %' label is visible below the links. At the bottom, there is a light gray text area containing instructions: 'use cursor keys to navigate, strg to stop, end to park, pageUp/pageDn to tilt tablet'.

Login with your username and password and click “connect”.

Allow the website to access your camera and microphone.

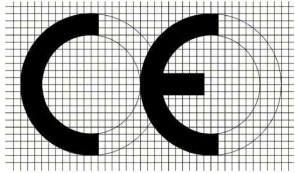
**Note: Connection is only possible if the twinbot is logged in first!**

If the connection is established you will see your own camerastream and the twinbot's camerastream. We recommend to use a headset. If you are using the twinbot in the same room, turn off your speaker to avoid feedbacks.

Click on “activate cursor control” to drive the twinBot using the cursor keys.

**Note: parking is only possible when the twinBot is stopped (press strg). Tilting the tablet is only possible in parking mode!**

**Use the latest Version of Firefox or Chrome. Ensure that the Browser supports WebRTC.**



## EG-Konformitätserklärung

(gemäß EG-Richtlinie 89/392 EWG, Artikel 4.2 u . Anhang II, sub. A)

nolodesign GmbH  
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D – 23795 Bad Segeberg

Erklärt hiermit, dass folgendes Produkt

twinBot  
Serie 02/2015

konform ist mit den einschlägigen Bestimmungen der EG-Maschinenrichtlinie (EG-Richtlinie 89/392/EWG) inklusive deren Änderungen, sowie mit dem entsprechenden Rechtserlass zur Umsetzung der Richtlinie in nationales Recht.

konform ist mit den einschlägigen Bestimmungen folgender weiterer EG-Richtlinien  
p 89/336/EWG Elektromagnetische Verträglichkeit  
p 73/23/EWG Niederspannung  
2006/95/EG, Anhang III B

DIN EN 292-1/2 , DIN EN 294, DIN EN 50081-1, DIN EN 60204-1, DIN EN 811,  
DIN EN 50082-1, DIN EN 1037, DIN EN ISO 4871, DIN EN 55022,  
DIN EN 1050, DIN EN 60034 -1, -2, -5, -6, -7, -8, -9, -11, -12, -14, -30, VDE 0100,  
VDE 0843

A handwritten signature in black ink, appearing to read 'C. Krohne', written over a light blue grid background.

Christof Krohne CEO nolodesign GmbH

**TWINBOT ID**

For additional support,

please email: [support@twinrobotics.eu](mailto:support@twinrobotics.eu)!