

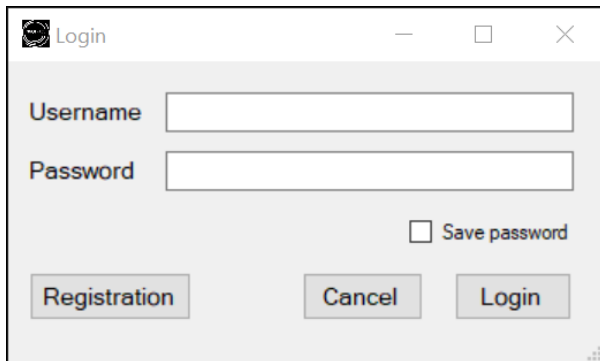
# Manual

# X1 Tool



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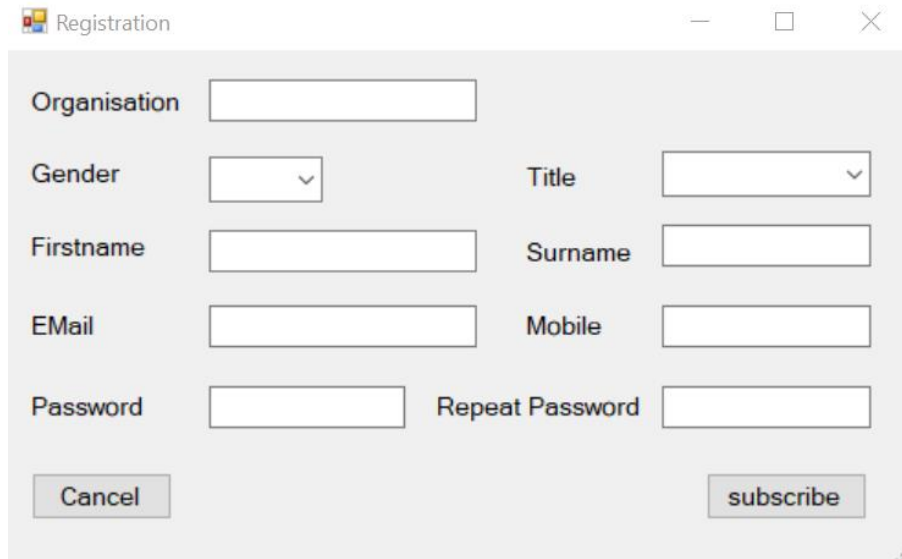
## 1. Homescreen



A screenshot of a 'Login' window. It features a title bar with a standard icon, a minus button, a maximize button, and a close button. The main area contains two text input fields labeled 'Username' and 'Password'. Below the 'Password' field is a checkbox labeled 'Save password'. At the bottom, there are three buttons: 'Registration', 'Cancel', and 'Login'.

After the first start, the software must be registered on the engine / end user.

## 2. Registration



A screenshot of a 'Registration' window. It has a title bar with a standard icon, a minus button, a maximize button, and a close button. The form includes several input fields: 'Organisation' (text), 'Gender' (dropdown), 'Title' (dropdown), 'Firstname' (text), 'Surname' (text), 'EMail' (text), 'Mobile' (text), 'Password' (text), and 'Repeat Password' (text). At the bottom, there are two buttons: 'Cancel' and 'subscribe'.

Organisation: The company name must be typed in here as a company or reseller.

Gender: Choose gender

Firstname: Firstname

Surname: Surname

Email: E Mail Adress

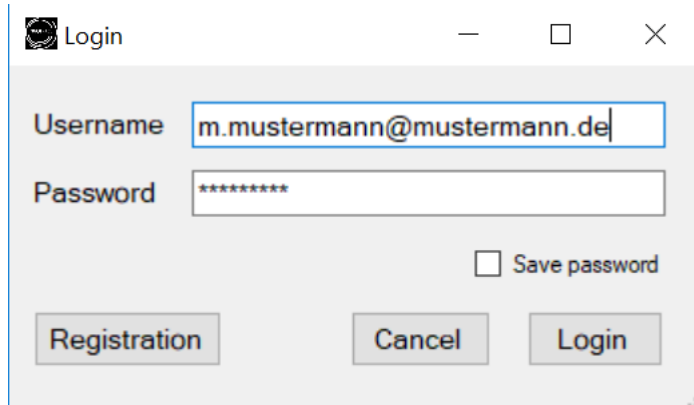
Mobile: Mobile phone number

Password: at least 8 characters

At least 1 uppercase letter, lowercase letter, number and special characters

No 2 identical characters in a row. → Finally click on register.

## 3. Login



To log in, enter the previously assigned email address and password and then click on Login.

In order not to have to re-enter the login data, the mark for "Save Password" can be set.

## 4. Firmware Update

After the motor has been successfully connected, if new firmware is available, a message is displayed as to whether it should be imported.

## 5. The lower status bar

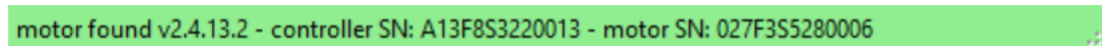
The lower status bar reports the connection status.



Red: X1 programming adapter is not plugged in.

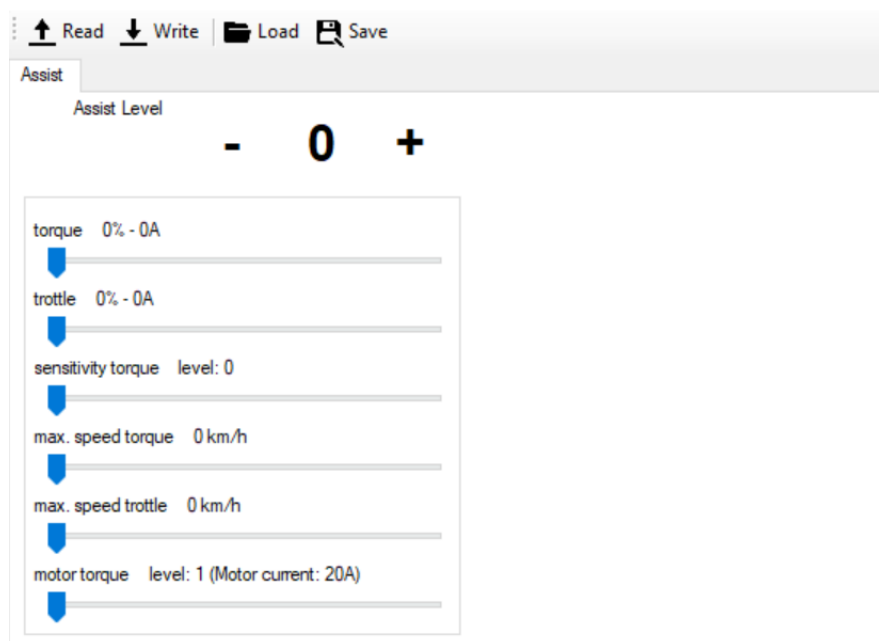


Yellow: X1 programming adapter recognized and operational.



Green: Motor connected and ready to use.

## 6. Assistance levels menu



Read: Reading of the currently existing engine settings

Write: Write the motor settings currently displayed on the screen

Assist Level: 1 – 5 Bafang Eco  
6 – 10 Bafang Sport

Torque: Maximum available continuous power for pedaling

Throttle: Maximum available continuous power for the throttle

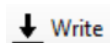
Sensitivity Torque: Sensitivity of the torque sensor. The higher the value, the less force I need when pedaling to get the set maximum power.

Speed Throttle: Maximum speed with the throttle

Speed Torque: Maximum speed when pedaling

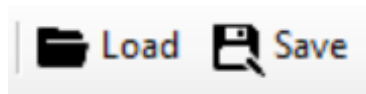
Motor Torque: Torque when starting

Achtung: After the desired values have been set, use the button



the settings are written to the motor.

## 7. Save & load settings



**Load:** Load engine settings saved on the computer.

**Attention:** The loaded settings must then be written to the motor with the Write button.

**Save:** Save the engine settings on the computer