X2 Transponder

Activation manual
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1.1. **Create an account**

1. Go to mylaps.com and click “Sign up”.

Complete your sign up details and click “Create account”.

2. An email will be send to the email address provided in the sign up form and the following message appears.
3. Open the email and click on the blue button “Confirm your new MYLAPS account” (if the email does not show up in your inbox, check your junk or spam filter as it may be there).
4. After clicking the link (blue button), the account activation page will open. Create and confirm your password.

![Account activation](image)

5. After clicking the Activate account button (blue button), a confirmation explains your account is active.

![Your account is activated](image)

6. Click “Login” to go to the log in screen.
7. Proceed to section 1.2 (Register X2 Transponder) and section 1.3 (Activate the X2 Transponder).
1.2. Register X2 Transponder

- Make sure you follow all the registration steps. Your X2 Transponder is only successfully registered if you completed all steps.
- Make sure you do not disconnect the X2 RaceKey from your computer during registration and activation.

1. Visit www.mylaps.com and login in to your personal MYLAPS account (if you do not yet have an account, refer to section 1.1).

![Welcome to MYLAPS](image1)

To see your practice or event results, you will need to register your MYLAPS transponder or chip. If you do not own a transponder or chip yet, you can buy one in our online shop.

2. Click the “Register your transponder or chip” button. The Register dialog appears where you can enter the number on the label of your X2 Transponder into the “Transponder number” field.

![Register dialog](image2)
3. Click “Register” and check that the following confirmation screen appears.

Your transponder was successfully registered.
Before you can use your transponder, you have to activate it.
Click Download to download the MYLAPS Connect software and start the process.

4. Here, you can click the “Download MYLAPS Connect” button to install the application onto your computer (needed to activate your X2 Transponder) – see section 1.3 for installing MYLAPS Connect.
1.3. Install MYLAPS Connect

When you are activating your X2 Transponder for the first time, or when you use a new computer for activation, you will need to install the MYLAPS Connect application on the computer:

1. Visit http://www.mylaps.com/en/software-firmware and access the download program directory or from your registration screen. You can also find this download possibility in your account.
2. Double click the MYLAPS Connect Setup Wizard file and download the application onto your computer by following the setup wizard screen prompts.
3. Choose your language and click OK.
4. Click "Next".
5. Read and "Accept" the license agreement, and click "Next".

6. Choose a suitable location for the application and click "Next".

7. Select a suitable location for the program shortcut icon and click "Next".
8. Check all settings are correct and click "Install".

9. Click "Finish" to complete the installation.
1.4. Activate the X2 Transponder using MYLAPS Connect

1. Ensure you have a current MYLAPS Connect application loaded on your computer – see section 1.3. Also make sure your computer is connected to the internet.
2. Startup MYLAPS Connect on your computer.
3. Login to MYLAPS Connect with your MYLAPS Email and Password.

We assume that you already created an account and registered your transponder in your account. If not go to section 1.1 and 1.2.

4. The home screen will appear and requests you to connect your X2 Racekey in the top left tile: Two options can be shown, you have subscription (1) or your subscription has expired (2).

Option 1 – you have subscription
Option 2 – your transponder has expired.

5. Attach your X2 RaceKey to your computer with the USB cable.
If you have subscription, the subscription transfer will start automatically and the following screens appears:

6. Connect the X2 RaceKey to the X2 Transponder (either directly to the back of the Rechargeable transponder; or via the mount to the Direct Power transponder).
   - For Rechargeable X2 Transponders MYLAPS Connect will indicate directly if the Transponder has been activated through the green status bar: “Transponder active & subscription valid”
   - For Direct Power X2 Transponders MYLAPS Connect will indicate the green status bar under the X2 Transponder once the X2 Racekey has been connected to the X2 Racekey Mount and then reconnected to MYLAPS Connect
   - In both instances the X2 Transponder will be immediately activated after connecting with the X2 Racekey and power. The LED indicator in the connector of the X2 Transponder blinks green.

You now see that your transponder has a subscription till November 24th 2021 and has more than 4 days battery.
6. If your subscription has expired, you have to buy subscription first, before you can activate your transponder.

Click on “renew” and you will be reconnected to the login page of your account.

Sign in with your e-mail address and your password.
You are now connected to your account, where you can manage your product. Click on “manage my product”. You now see an overview of your products.

Click on “renew subscription”.
A new screen will pop up. You can choose 1, 2 or 5 years subscriptions. Choose the one you want to order and click on “buy now” and follow the payment instructions.

If you have a subscription card, click on “redeem subscription card” and fill in the total number and click on enter.

If the payment or redeeming the subscription has been successful, your subscription has been added to your transponder.
If you go back to MYLAPS Connect and click on “check for updates”
The following screen will pop up.

You see that your transponder is not active yet. Connect your transponder to the RaceKey. When you connect the transponder you will see now the status of your transponder and battery.
1.5. Register your transponder via MYLAPS Connect

When you already created an account but you didn’t register your transponder to your account, you can register your transponder via MYLAPS Connect.

Download MYLAPS Connect, after downloading the following screen appears. If you haven’t downloaded it yet go to section 1.3.

Sign in with your email address and password.

Click on “Register new transponder”

You will be reconnect to your account. Follow the steps of section 1.2.

Connect your X2 RaceKey to your computer and click on “check for updates”. The lights on the RaceKey will all turn blue.

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Click on “Register new transponder”. You will be reconnected to the login page of your account.

Your time. Your account.
Sign in to continue to your MYLAPS Account

Login with your email address and password.
Follow the steps of section 1.2 (registration) and 1.4 (activation)
Click on refresh products and your transponder will be visible.
1.6. Firmware update

Updating X2 Racekey Firmware with MYLAPS Connect

In case your X2 Racekey requires a firmware update MYLAPS Connect will notify you after connecting the X2 Racekey

Log in and connect your X2 Racekey to your computer as described in chapter 1.3

1. If a Firmware update is required the following screen will appear.

![Firmware update notification](image)

2. Click on the update and you see that your firmware is upgrading.

![Firmware upgrade in progress](image)

3. A pop up appears. Follow the steps which seen on the pop up.
4. Follow steps 1 & 2 in the popup:
   1. Disconnect USB cable
   2. Reconnect USB cable
5. After reconnection the X2 Racekey, the X2 Racekey will reboot for about 30-60 seconds and when successful show the Subscription Transfer will start and the X2 Racekey will show 3 blue LED lights when connected to MYLAPS Connect.
1.6.2. Updating X2 Transponder Firmware with MYLAPS Connect

*Note: For Direct Power Transponders firmware updates can only be done by connection the Transponder directly to MYLAPS Connect. Firmware cannot be transferred through the X2 Racekey and X2 Racekey Mount*

In case your X2 Transponder requires a firmware update MYLAPS Connect will notify you after connecting your X2 Transponder via the X2 Racekey.

Log in and connect your X2 Racekey and X2 Transponder to your computer as described in chapter 1.3.

1. If a firmware update is required for your X2 Transponder the following screen will appear.

2. Click the Update button in the bar under the X2 Transponder and the update will start.
3. After a successful update the battery status of the X2 Transponder will appear.
1.7 MYLAPS Connect advanced

Subscription status

MYLAPS Connect indicates the subscription status for each X2 Transponder.

Valid subscription – A green square indicates a valid subscription. The days remaining and end date are also shown. By clicking the Renew button the subscription can be extended.

Expired subscription - A red square indicates an expired subscription. By clicking the Renew button the subscription can be renewed.

After renewing your subscription click “Check for subscription updates” to refresh MYLAPS Connect.
1.7.1  Battery status
With the latest transponder Firmware, MYLAPS Connect will show the battery status of the connected X2 Transponder

1.7.2  Offline mode
When there is no internet connection available you can use MYLAPS Connect in Offline Mode to check the subscription status and battery status for a connected X2 Transponder.
   1. The grey bar indicates that no internet connection is available. Click the “Work offline” button to continue in offline mode. No Log In details are required.
2. Connect a X2 RaceKey and a X2 Transponder to gain subscription and battery information

3. To sync subscription status please connect to the internet

1.7.3 Personalize your MYLAPS Connect account

If you click on your name:
- You can edit your profile – you will be redirected to your account page.
- You can ask for support – you will be redirected to the MYLAPS support page.
- You can logout.
1.8 Reactivate the X2 RaceKey and X2 Transponder

To ensure the functionality of your X2 Transponder, reactivate it periodically with the X2 RaceKey (at least once every 5 days). When the transponder is not reactivated, it will stop sending out its transponder number, and the subscription indicator light will flash red 5 times per second.

During a race, keep the direct power X2 RaceKey in its mount to ensure it stays activated.

Reactivate a rechargeable X2 Transponder by sliding the X2 RaceKey onto the back of the transponder and connect it with the USB cable to a computer (this is also how you recharge the transponder). For Direct Power transponders make sure you slide the X2 RaceKey into the RaceKey Mount before every race.