

X2 RACELINK CLUB

QUICK START GUIDE



WHAT'S IN THE BOX?



X2 RaceLink Club



2 x Protector Caps

OPTIONAL ACCESSORIES



RF Antenna Whip



Antenna Adapter Cable



GPS Antenna



RF Antenna
Extension Cable - 1M



X2 RaceLink Club
Charge Cable (USB to M8)



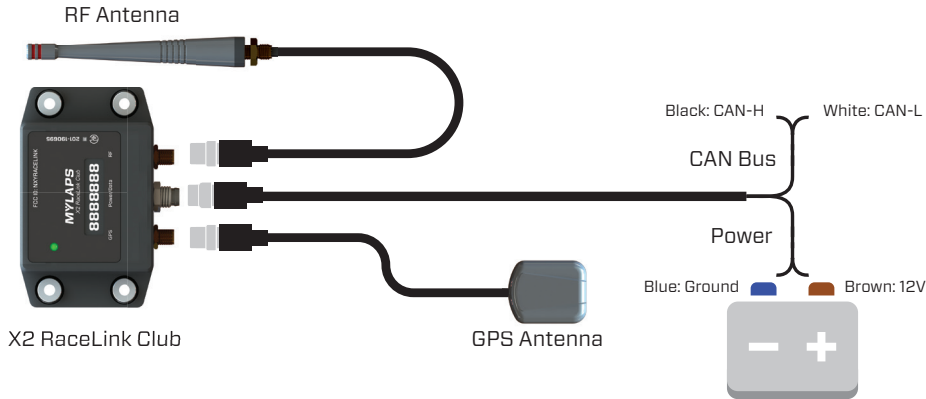
M8 Power Cable
(DP use)

IMPORTANT

- ▶ The USB port (5v) is only capable of charging the X2 RaceLink Club, and not to send/receive data.
- ▶ To guarantee that the X2 RaceLink Club remains water resistant, ensure that either, both protector caps are always attached, or that the antennas are properly connected.

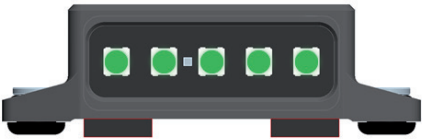
SETUP

- ▶ Power the X2 RaceLink Club using the car battery with a fuse (12v only).



LED INDICATION

WHILE CHARGING



LED INDICATION		CHARGING STATE
	FIRST LED BLINK GREEN	CHARGING STATE 0-20%
	SECOND LED BLINK GREEN	CHARGING STATE 20-40%
	THIRD LED BLINK GREEN	CHARGING STATE 40-60%
	FOURTH LED BLINK GREEN	CHARGING STATE 60-80%
	FIFTH LED BLINK GREEN	CHARGING STATE 80-100%

WHILE USED ON THE TRACK

► If the RaceLink Club is activated by Race Control, and if the GPS and RF reception is good then the most right X2 RaceLink Club LED will be GREEN (mild brightness). This LED will be ORANGE (mild brightness) if there is either no known GPS position or no RF link to the X2 Race Control system.



► For all flag signals displayed on the X2 RaceLink Club LEDs, please scan the QR-code or visit help.mylaps.com/s/x2-race-control



TOP LED BLINKS TWICE



**X2 RACELINK CLUB
FLAG SIGNALS**

- First blink indicates GPS reception
- Second blink indicates RF reception
- If the LED goes solid RED there is less than 10% battery left, when used as a rechargeable

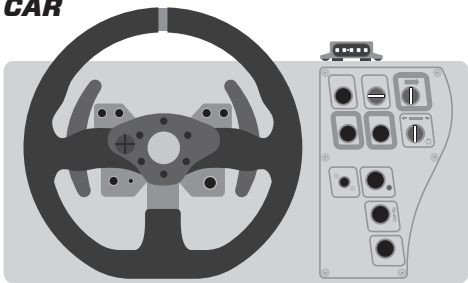
DUAL BLINK		
1. GPS	2. RF	CHARGING STATE
RED	RED	NO GPS POSITION KNOWN, NO LINK TO THE SYSTEM
GREEN	RED	GPS POSITION KNOWN, NO LINK TO THE SYSTEM
RED	GREEN	NO GPS POSITION KNOWN, LINKED TO THE SYSTEM
GREEN	GREEN	GPS POSITION KNOWN, LINKED TO THE SYSTEM

► If the RaceLink Club is activated by Race Control, the top LED will switch off if both GPS and RF reception is good. If there are issues regarding GPS or RF reception, the top LED will blink as explained above but with a time-out of 5 seconds.

DASHBOARD INSTALLATION

- ▶ Make sure the top sticker of the RaceLink Club has a clear view to the sky and around the vehicle.
- ▶ Install both the GPS and RF antenna as high as possible with a clear view to the sky.
- ▶ Do not place the RaceLink Club next to other RF antennas. Keep at least 1m distance.
- ▶ Find a place on your dashboard where you can clearly see the lights of the X2 RaceLink Club.
- ▶ Keep out of direct sunlight as much as possible.

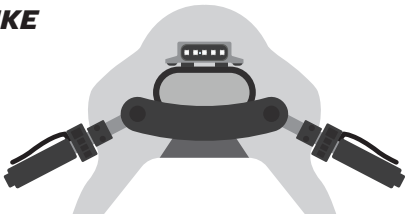
CAR



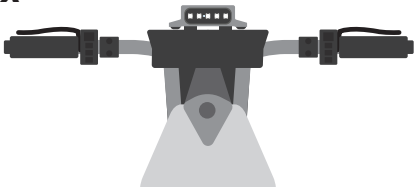
KART



BIKE



MX



SPECIFICATIONS X2 RACELINK CLUB

DIMENSIONS	83 x 59.5 x 24 mm / 3.3 x 2.4 x 1 in	SENSITIVITY	-167 dBm, 72 channels
WEIGHT	120 g / 0.26 lbs	UPDATE RATE GPS	5Hz
OPERATING VOLTAGE RANGE	7 to 18VDC typical 12V	GNSS ANTENNA CONNECTION	SMA(F), 3.0V active antenna
POWER CONSUMPTION	1.3W, 110mA@12V	RF ANTENNA CONNECTION	RP-SMA(F)
(BACK UP) BATTERY LIFETIME	Up to 16 hours	RF OUTPUT	+20 dBm @ 2.4 GHz ISM
BATTERY CHARGING	6 hours for full charge	CHARGING	300 mA @ 5VDC
OPERATING TEMPERATURE RANGE	0 to 50 °C / 31 to 122°F	PROTECTION CLASS	IP62 without connectors connected / IP64 with connectors connected
HUMIDITY RANGE	10% to 90% relative	PROTOCOL	Can 2.0
POSITIONING	3 concurrent GNSS reception	BAUDRATE	1Mbps (default), 500 or 250 Kbps
		TERMINATION	Fixed termination 120 Ohm