

# ***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)



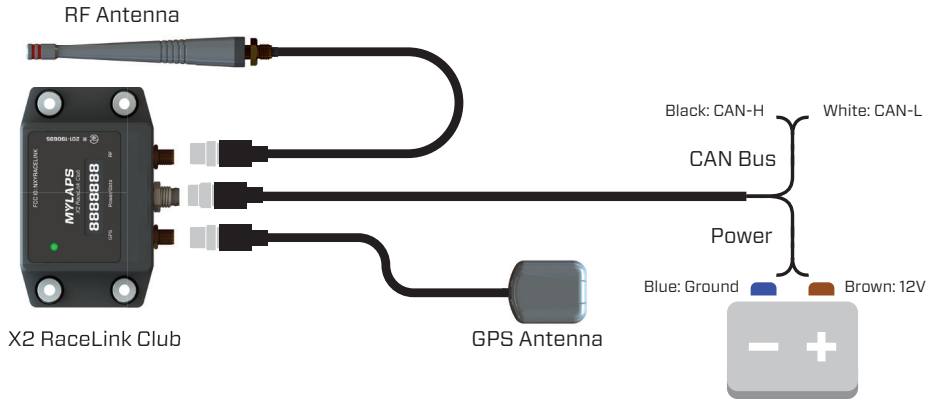
M8 Power Cable  
(DP use)

## 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.

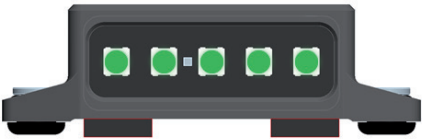
## SETUP

- ▶ 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](https://help.mylaps.com/s/x2-race-control)



**X2 RACELINK CLUB  
FLAG SIGNALS**

## TOP LED BLINKS TWICE



- 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

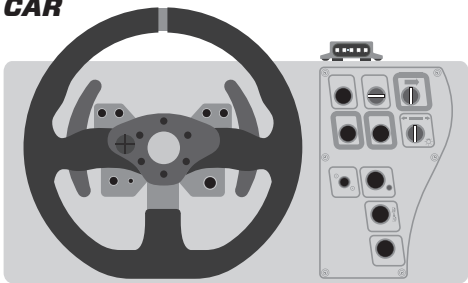
DUAL BLINK		
1. GPS	2. RF	CHARGING STATE
RED	RED	NO GPS POSITION KNOWN, NO LINK TO THE SYSTEM
GREEN	RED	GPS POSITION KNOWN, NO LINK TO THE SYSTEM
RED	GREEN	NO GPS POSITION KNOWN, LINKED TO THE SYSTEM
GREEN	GREEN	GPS POSITION KNOWN, LINKED TO THE SYSTEM

► 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.

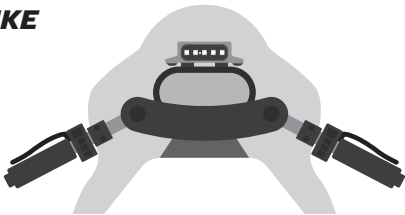
## CAR



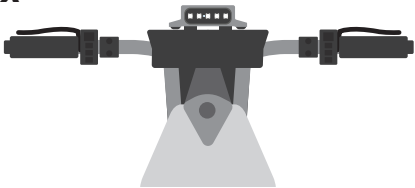
## KART



## BIKE



## MX



# SPECIFICATIONS X2 RACELINK CLUB

DIMENSIONS	83 x 59.5 x 24 mm / 3.3 x 2.4 x 1 in
WEIGHT	120 g / 0.26 lbs
OPERATING VOLTAGE RANGE	7 to 18VDC typical 12V
POWER CONSUMPTION	1.3W, 110mA@12V
(BACK UP) BATTERY LIFETIME	Up to 16 hours
BATTERY CHARGING	6 hours for full charge
OPERATING TEMPERATURE RANGE	0 to 50 °C / 31 to 122F
HUMIDITY RANGE	10% to 90% relative
POSITIONING	3 concurrent GNSS reception

SENSITIVITY	-167 dBm, 72 channels
UPDATE RATE GPS	5Hz
GNSS ANTENNA CONNECTION	SMA(F), 3.0V active antenna
RF ANTENNA CONNECTION	RP-SMA(F)
RF OUTPUT	+20 dBm @ 2.4 GHz ISM
CHARGING	300 mA @ 5VDC
PROTECTION CLASS	IP62 without connectors connected / IP64 with connectors connected
PROTOCOL	Can 2.0
BAUDRATE	1Mbps (default), 500 or 250 Kbps
TERMINATION	Fixed termination 120 Ohm