






TRANSPONDER SERVICES

The racing transponder repair experts

HOW TO CHARGE X2 TRANSPONDER

Connect USB cable to RaceKey, dock RaceKey on transponder and then plug USB cable into computer USB or any USB charging device. For example any iPhone or iPad charger will work that has the standard USB connector. Takes about 4 hours to fully charge and run for 4 days. **Ensure the small USB cable is correctly orientated and push fully into the RaceKey for charging.**

WHAT THE LIGHTS MEAN WITH X2 RACEKEY DOCKED ON THE RECHARGEABLE X2 TRANSPONDER

	Steady GREEN	Powered and connected to computer
	Flashing GREEN	Communication
	Steady BLUE	Power connected (no computer)
	Flashing RED	Upgrading X2 RaceKey firmware
	Steady GREEN	Active Subscription
	Steady RED	Inactive Subscription
	Steady GREEN	Fully charged
	Flashing RED	Charging



If no lights on RaceKey, check the small USB connector is firmly inserted as it can catch on the edge of the RaceKey.

IMPORTANT: Before initial use all three lights must be green indicating...

- Powered and connected to PC
- Active Subscription
- Fully Charged

Unplug USB cable from computer, remove RaceKey from X2 transponder.

Light on top of X2 transponder in M8 connector will indicate status.

WHAT THE INDICATOR LIGHT MEANS



Indicator	Transmitting	Charging	Battery full	Subscription active	Comment
Steady GREEN	Yes	Yes	N/A	Yes	Connected to Power Source
Flashing GREEN in a sequence	Yes	No	No	Yes	Indicates the number of days of charge remaining
Flashing RED every 5 seconds	Yes	No	No	Yes	Less than 1 day charge left, running on battery
Flashes RED 5 times per second	No	See comment	See comment	No	Transponder will charge when connected to power source
Not lit	No	No	No	No	N/A

Extracts above are from the complete **user manual** which you can download from our [DOWNLOADS](#) page.