

## SMSP Mylaps Briefing Notes

The Mylaps transponder is part of the Track Management System that must be attached to your vehicle when competing in an event at Sydney Motorsport Park:



The recommended mounting is on the windscreen in front of the driver or on top of the dash so that the driver can see the unit's lights in their line of sight. If this is not possible, the unit can be mounted anywhere in the vehicle forward of the driver provided that the **unit has a clear view of the sky**. It is **highly recommended that these units have a secondary tether** if mounted using the 3M Velcro provided as there have been instances of the adhesive failing.

**To help prevent the Velcro adhesive from failing, it is recommended that you:**

- (1) clean the windscreen or dash in the area of attachment to remove any film that will compromise adhesion. *We recommend that "Alcohol wipes" (70% iso) be used to clean the area of the windscreen. These wipes will be provided by the Mylaps Team.*
- (2) Remove the backing from the piece of Velcro supplied. Press firmly on the windscreen, ensuring 100% contact and no air bubbles. Leave for more than 15 mins to allow the adhesive to cure.
- (3) Leave to set for as long as possible to gain adhesive strength before re-attaching the unit

If you have any difficulty, please ask the Mylaps team in the Control Tower for mounting advice.



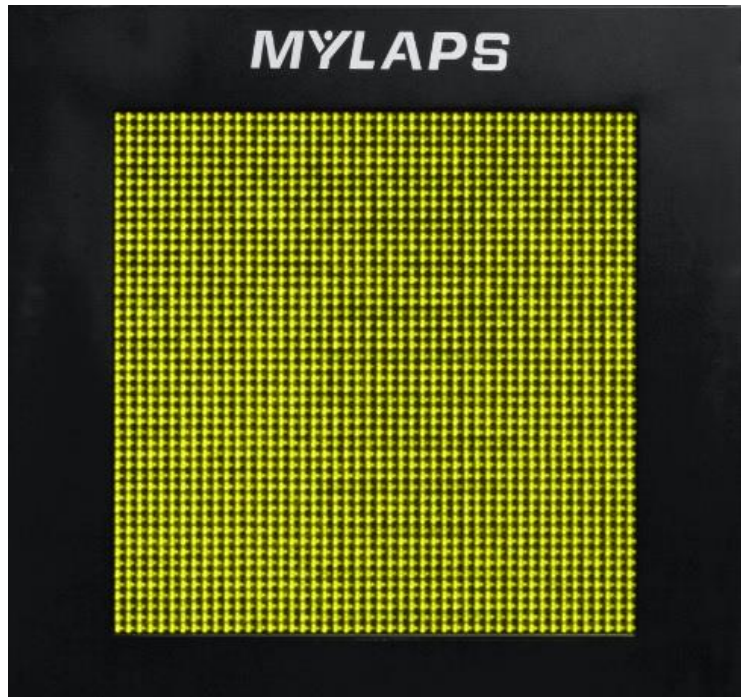
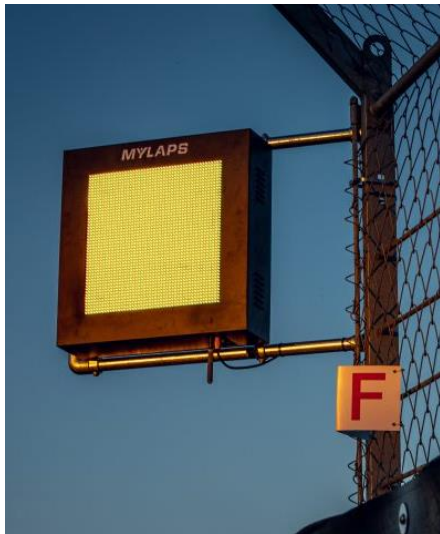
**How it works .**

It is a transponder unit that sends and receives signals from 11 aerials around the SMSP track.

The vehicle position is shown on a monitor in the control room. It shows where the vehicle is, what the speed is. If the vehicle spins, goes off track or has an impact, that is instantly monitored. It allows the controllers to react very quickly with flag lights, thus making your track experience much safer.

The lights on the unit attached to the vehicle indicate what flag lights are being displayed in the sector of track that the vehicle is in.

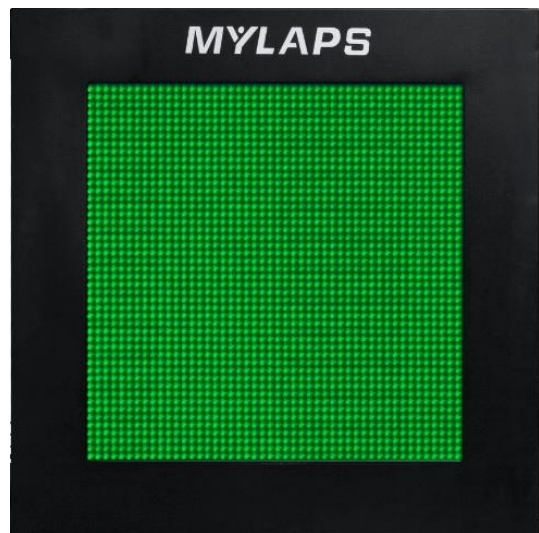
For instance, if the vehicle enters a sector with an incident, the yellow light will be shown on the Flag Post light box:



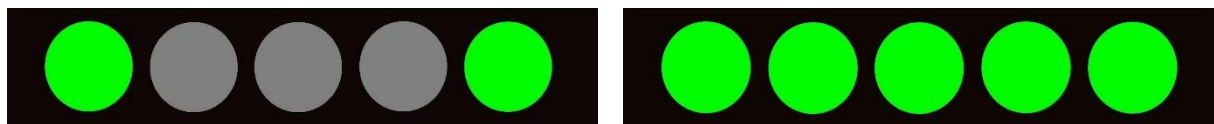
and **alternate flashing yellow lights** will be shown on the Mylaps unit in the vehicle:



When the vehicle departs the incident sector, a green light will be shown on the Flag Post light box:



and **alternate flashing green lights** will be shown on the Mylaps unit in the vehicle.

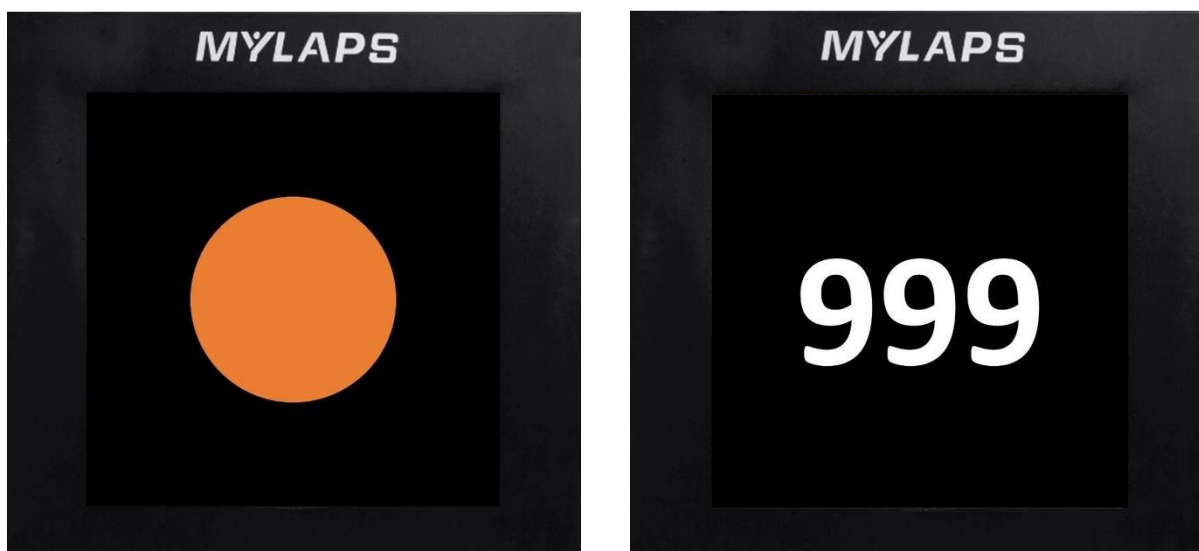


### The Technology

The Mylaps Safety System has many other safety benefits.

Individual and Full course Flag Lights are instantaneous for activation and deactivation.

If a particular vehicle requires a “**Mechanical Black Flag**” it will be shown on the Flag Post light panel as the vehicle approaches the Flag Post, **alternating with the vehicle’s competition number**:



These alternate flashing lights will be shown in the vehicle:



This Flag as well as the Black Flag will display around the track preceding the vehicle. Unlike at present, where it is only displayed at S/F and 15.3 or designated Clerk of Course flag post.

### Returning your Mylaps unit.







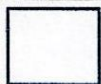


























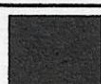


Please return the Mylaps unit when you have finished your track time. For a multi-day event, the unit must be returned each evening for recharging, and another collected the following morning.

If you do inadvertently remove the unit from the SMSP then please:

1. Return to Gate A security office or the ARDC main Office near Turn 1.
2. Post Via Australia Post Registered mail, with insurance cover of \$1500 the ARDC PO box on the side of the unit.

Please see the full Flag Post light panel and Mylaps unit lighting combinations on the following page.



Flag	X2 LED Panel		Blink frequency	X2 Racelink Club	
	Sequence			Sequence	
Yellow					
Double yellow					
White					
Green			Alternating flags for 10s, steady green after 10s		
Blue			Alternating flags for 3s, steady blue after 3s		
Red			Alternating flags for 10s, steady red after 10s		
Oil					
Safety car			The white LED's can help to differentiate the neutralisations from eachtoher		
Virtual safety car					
Full course yellow					
Rolling start					
Mechanical ##			Alternating flags for 10s, flag 1 after 10s		
Behavior ##					
Black ##					
Chequered	