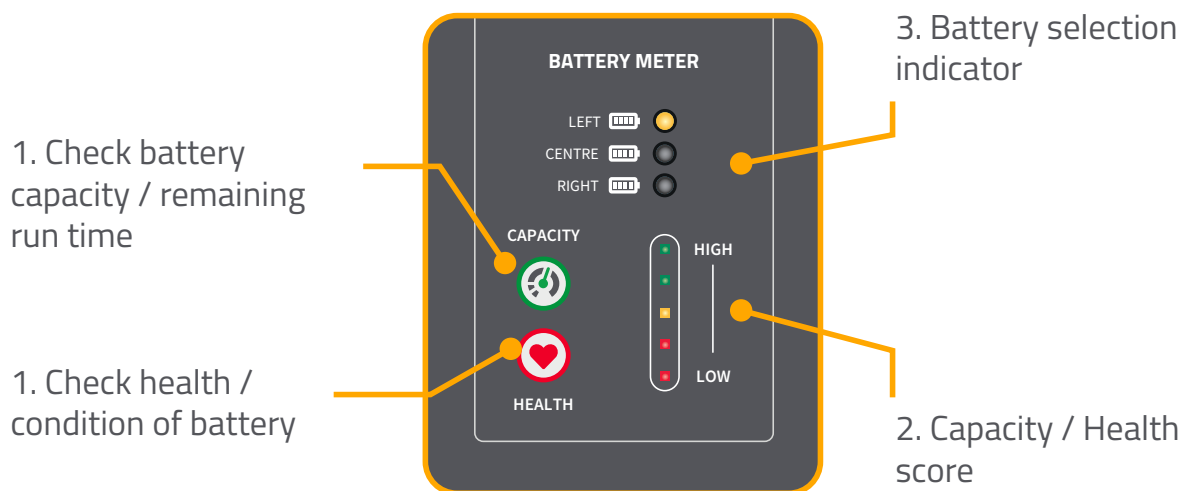# Battery Management System

Evo1 Guidance

Evo1 features an onboard battery monitoring system (BMS) which optimises the power management of the signal. It ensures optimum signal run-time and gives feedback on battery health.

Usage Instructions:
1. Press Capacity or Health to check the remaining runtime/battery condition
2. Score will illuminate from High (good) to Low (bad)
3. Press capacity again to cycle between Left, Centre and Right batteries.

3. Battery selection indicator

1. Check battery capacity / remaining run time

1. Check health / condition of battery
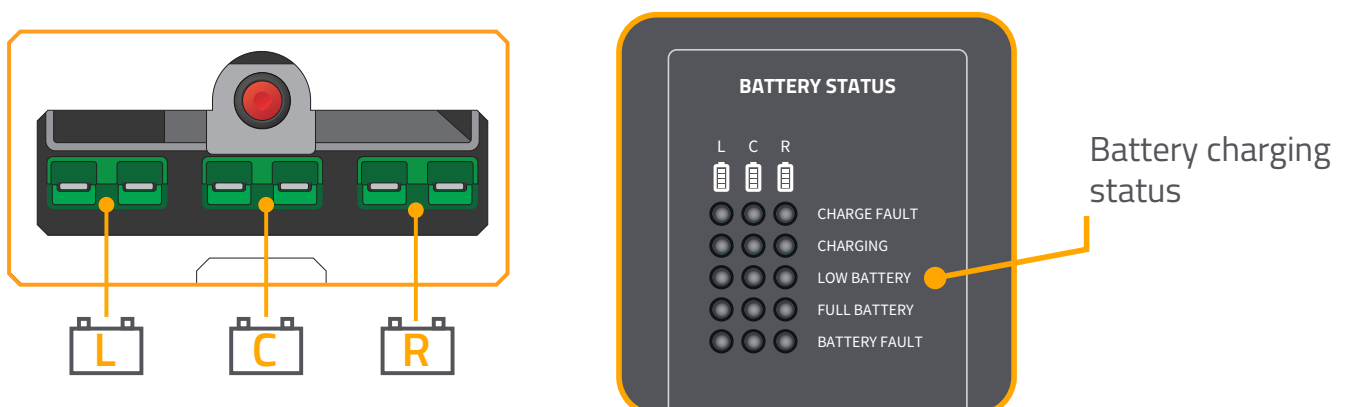
2. Capacity / Health score

Charging

Evo 1 has an onboard charging socket, which works in combination the the Battery Management System. The BMS highlights the different charge states as it moves from Charging to Full Battery.

Usage Instructions:
1. Connect Evo1 wall charger to Evo1 unit using the sockets provided
2. BMS will indicate that the system is charging
3. When fully charged, power off Evo1 wall charger and disconnect charging cables from Evo1 unit.
4. If Charge Fault illuminated, immediately turn off wall charger and investigate
5. If Battery Fault illuminated, immediately turn off wall charger and remove battery to quarantine.

Battery charging status

For more information:
Call: 0345 460 9999 or **email:** info@trafficgroupsignals.com