



Dorian Micro16000

Generation 3

DATA-1 SERIES



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Battery Charging for the Dorian Micro16000

It is important to recharge your transmitter before each meeting. A fully charged battery will last from 5 to 8 days.

Charging the Micro16000 Transmitter

1. Ensure the correct charger is used, as pictured opposite, along with the supplied 6VDC plug pack. Using other charger/plug packs may cause damage to the transmitter and/or charger.
2. Ensure that the gold contacts on the underside of the transmitter are wiped clean. Don't use sandpaper or other abrasive methods as they will remove the gold plating.
3. Place the transmitter on the charging sled, ensure the plug pack is connected and turned on.
4. Remove the Transmitter once the green light begins flashing. The charge cycle can take as long as 4 hours. Leaving the unit on the charger for longer will have no effect.

Light indications when the unit is **on** the charger

1. No lights – transmitter is trying to establish a charging cycle, preconditioning, this could take up to 10 min.
2. Solid green - transmitter is charging.
3. Flashing green - transmitter is fully charged.
4. Solid red - fault condition, ensure contacts are clean and retry. If problem persists, contact Dorian.

Light indications when the unit is **off** the charger (normal operation)

1. No lights - battery is flat.
2. Red every second - transmitter was removed from charger before charging cycle was complete or battery is almost flat.
3. Green flashing every 2 seconds - fully charged within the last 24 hours.
4. Green flashing every 6 seconds - fully charged over 24 hours ago.

Comments and Recommendations

1. After use remove the transmitter from vehicle, clean and store in a dry environment. To ensure the batteries in this transmitter give good service Dorian recommends that the transmitter be charged every two to three months even if it is not attending races.
2. Battery life - This transmitter is fitted with the latest technology Li-Ion batteries which Dorian expects to give good service over several years. The transmitter carries a 12 month warranty from the date of original sale.

Charging Tray

The charging tray attaches in the same way as the timer attaches to the vehicle. See Figure 1. The charging tray requires, and is supplied with, a 6V, 2.5 A powerpack.



Figure 1. Charging tray

Mounting of the Dorian Micro16000 Transmitter

When mounting the new Dorian Micro 16000 Transmitter to your vehicle, the following criteria are important:

1. The front/rear of the vehicle must be in line with the axis of the mounting bracket.
2. The transmitter should not be more than 400mm above the road surface.
3. Refer to the Figures 2, 3 and 4 for the mounting options.

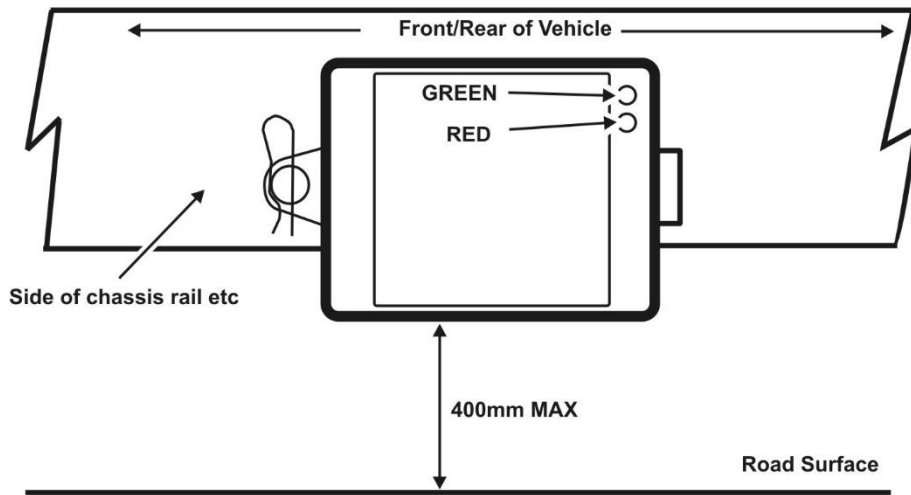


Figure 2. Vertical Mount

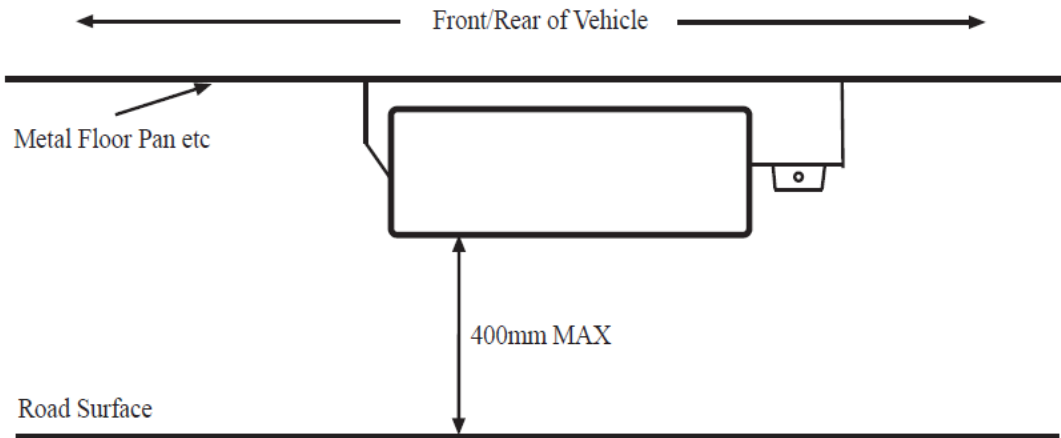


Figure 3. Horizontal Mount – Below Metal Floor

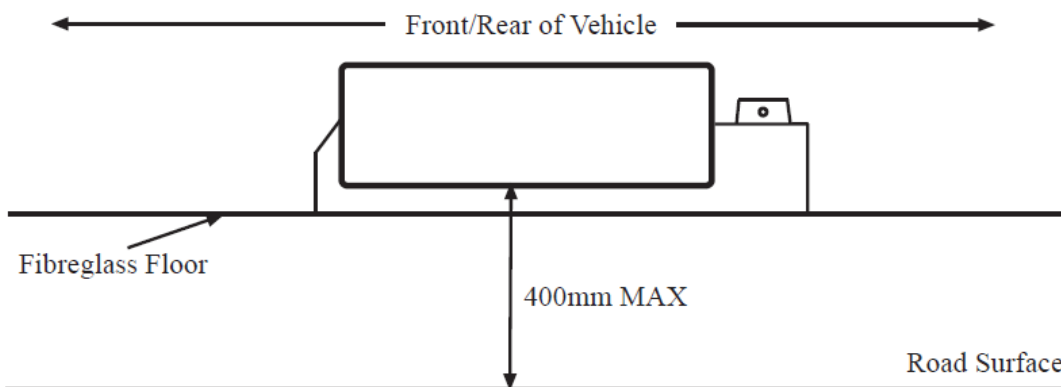


Figure 4. Horizontal Mount – Above Non-metallic Floor (Fibreglass etc)