



APPROVED

Waka Kotahi M23 Appendix F

Instaboom GO

Automated Stop/ GO Solution for MTC



ET MBISGO & ET MBIS2GO

Instaboom Stop Go – RTL’s new approach to managing traditional STOP GO operations MORE SAFELY. The main objective is to keep the TMO out of the live lane and out of harm’s way.

Solar hybrid, fully automated and weighing in at under 25kgs – this user friendly STOP GO unit can be rapidly deployed by one traffic management operative. With both 90 and 180 degree options from the same unit, talk to us about customisation to suit your territory.

As per M23 Appendix, the operator must not be more than 100m from either base unit. The operator must have a safe and central vantage point with a clear view of both Stop/Go boards and oncoming traffic. The Base units are not to exceed 600m apart (i.e. the total distance, when using two operators - each must be within 100m of their unit).

Portable	At just 24kgs it's perfect for a 1 person deployment	Controlled	Rugged 4x button remote, operate from a safe distance
Rugged	2-3 week run time on one charge, even without sunlight	Simple	Quick release stop:go pole, 2m to top of pole
Quick	Deployed in under 1 minute for 2, 3 or 4 way closure.	Telematics	Optimal fleet performance and email alerts option
360 Solar	Integrated solar panel with mains charger	Visible	600mm TCD STOP/GO sign, high intensity LED beacon
Approved	Waka Kotahi approved TTM Device	Easy	Built-in Voltage Display and USB A and C Ports for charging

Features & Benefits

- Safely manage traffic out of the live lane
- One person can operate a site
- Extremely simple to operate
- High Visible NZ TCD Stop / Go sign
- One person lift off the ute or truck



Accepted NZTA M23 Appendix F.
[View online for more details.](#)



Instaboom GO: Keeping your TTM Traffic Control crews safe on Aotearoa's roads.



Technical Specifications

Pre and Post Shift Checks:

- It is good practice to erase all pairings from the remote, to prevent unwanted operation. Do this at each unit, one at a time. Re-pair each unit before going onsite.
- Always check the unit is sufficiently charged before leaving for site.
- Charging must be carried out indoors with the case left open and foam insert removed. Charge indoors, and charge for 12 hours max.
- Water Ingress: Whilst the unit is designed for outdoor use, during rainy conditions water may get into the case. Carry out regular checks and empty any water as required.
- Check there is sufficient grease on the tooth rack to ensure smooth operation.

Charging Process:

- **When charging – always keep the lid open, and take out the middle foam layer (so the heat from the battery can safely dissipate).**
- Charge no longer than 12 hours. Charge Indoors only.
- It's recommended to regularly charge the units to keep the batteries in good health and avoid downtime on site due to low voltage.
- See manual for more details.

Remote Pairing:

Each unit comes pre-programmed with a remote. Always check operation, before going onsite. Pairing & Unpairing remotes with an Instaboom GO unit is very simple. Unscrew the whip antenna and remove the device from the red boot/ cover.

Clearing Process:

- Touch and hold the bottom left of the transmitter against the top left of the receiver for over 5 seconds. The receiver will emit a single, long beep to confirm pairings have been erased.
- Repeat clearing process at each unit, that remote was used with.

Learning Mode / Pairing:

- Quick Tap / Touch the bottom left of the transmitter against the top left of the receiver for 1 second, as shown. The receiver will beep once.
- Press the chosen number switch on the transmitter you wish to pair. The receiver will beep twice to confirm pairing.

Pairing Additional Units:

- Following the same process, users can allocate additional units to other buttons on the same remote.
- For specific setups, like for a haul road crossing a main road, multiple units can be paired to one button for simultaneous operation.



Dimensions (mm)

Case Length:	514mm long
Case Width:	288mm wide
Case Height:	191mm
Stop Go Sign Dia:	600mm Roundel
Stop Go Sign & Handle:	1800mm
Stop Go mounted on Case:	2000mm
Weight:	25kg

Stop Go Signs (TCD):

	
Code RP4	Code RP41
Rule R2-5	Rule R2-5.1
MoTSaM TW-33	MoTSaM TW-33



View online at www.rtl.co.nz

