



Q&A Guide

Q1 How often will INSTABOOM™ need to be charged?

A1 INSTABOOM™ is a hybrid product and intended to have periodic top-up charge. In the summer months, if it is not shaded, it will be able to sustain itself on solar power alone. The worst-case scenario of winter months with no sun, it will need to be charged appropriately every 3 weeks.

Q2 How long will INSTABOOM™ need to be charged?

A2 A full charge will need at least 24 hours. The battery needs to be at least 26.5V for the longest use between charges. See our **Battery Charge and Change** guide for more detailed information.

Q3 Will INSTABOOM™ take jobs away from real people

A3 No. In reality, the lonely task of manning a highway barrier can be done by INSTABOOM™, allowing reallocation of teams and an increase in site productivity. Not to mention the improvements in safety and mental health by not having so many staff involved in manned guarding..

Q4 What if it is not possible to get the INSTABOOM™ to power supply?

A4 There are many circumstances when taking a unit back to base or running a site generator are not desirable. It is possible to have a spare set of batteries at base for a quick site swap. An INSTABOOM™ top-up solar panel connected at the side of the road will provide an all year round top up with one extra large panel able to top up to 4 units on rotation without the need for mains.

Q5

Why can't INSTABOOM™ be solar powered all year?

A5

In order to minimise the footprint of the unit so it is suitable for narrow work lanes and ensure portability, INSTABOOM™ has a PV compromise. If it is essential for all year solar operation, the larger SOSEC barriers operate up to 900 times per winter day.

Visit www.sosec.co.uk for more information.

Q6

What if I use the INSTABOOM™ more than 100 times a day?

A6

This will reduce the charge cycle, but not dramatically. Every extra 100 daily operations will only drop a few days from the 3 week cycle. So 1000 cycles a day will still allow c.10 days use between charges (with no sun).

Q7

What is the range of the radio remote control?

A7

In ideal, line of sight conditions, 900m. In reality, 500m is normally perfectly achievable.

Q8

Can I operate more than one INSTABOOM™ from one remote fob?

A8

Each standard INSTABOOM™ remote fob has four buttons, each programmable to a specific unit. So 4 units from 1 standard fob. This can be increased to 10 numbered units if required with a special order.

Q9

What if I lose the fob?

A9

It is a simple procedure, using contactless technology to clear the memory of the radio receiver and synchronise a new fob. See the **TRAP T4 Pairing Guide** for more information.

Q10 Why has my INSTABOOM™ fob stopped working?

A10 Most likely, it needs new batteries. They should last a year, but accidental pressing can shorten this time. No light on the fob means it is time to change the 3 AAA batteries. See the **T4 Battery Exchange** guide for more information.

Q11 What if i need a boom length longer or shorter than 4m?

A11 INSTABOOM™ allows you to fix up to five 75cm sections of boom to the max 4m length. It will work well with 3, 4 or 5 sections. There may be occasions when the barrier is clearly running slow and the spring may need retensioning. See the Balancing the Boom guide for more information. To cover a road width wider than 4m, it is necessary to use a pair of INSTABOOM™ units or consider the larger SOSEC barriers. See www.sosec.co.uk for more information

Q12 We can't always find the fob or need to leave the barrier unmanned

A12 It is simple to add a wireless key code unit to the INSTABOOM™ so it can be opened by a 4 digit code. For controlling access, a GSM intercom allows callers at the gate to call through to a landline or site mobile and the person answering the call can lift the barrier by pressing 3 on their handset. See the INSTABOOM™ price list for more accessory options.