USE CASE · MULTI-FUNCTION POP-UP TARGET

Pop-up and moving targets for firing ranges

A paper target on a fixed frame teaches grouping and little else. Automated targets appear, hide, turn and move, so firers practise reaction, judgement and shooting at a crossing target. Star INXS makes three target systems that share one set of controls.

IN SHORT

- Star INXS makes three automated target systems in India: the Multi-Function Pop-Up Target, the Single-Function Pop-Up Target and the Moving Target System.
- The Multi-Function Pop-Up Target pops up, slices and rotates, exposes or hides in 2 seconds or less, and has a programmable exposure time from 1 second to 2 minutes.
- It is controlled from a handheld remote up to 100 m away or from the range PC up to 600 m away, and an acoustic hit sensor shows, stores and prints the hits.
- The Moving Target System carries the multi-function target box on a steel trolley track at slow, medium or fast speed, in both directions.



THE FIGURES THAT MATTER

FIGURE	WHY IT MATTERS	STAR INXS PUBLISHED VALUE
Movements	Sets the drills you can run	Multi-function: pop-up (0-90°), slicing, rotation. Single-function: vertical rise and fall. Moving: bidirectional, multiple patterns
Expose / hide time	Snapshot and reaction practices	Multi-function: 2 s or less
Exposure time	Timed practices	Multi-function: programmable, 1 s to 2 min; hold-up mode
Exercises	What the instructor can program	React-on-hit turn-away, snapshot, timed; 7 targets together or one by one
Control distance	Where the instructor can stand	Handheld remote: wireless to 100 m. Range PC: up to 600 m. Both extendable
Hit monitoring	Scoring without walking to the butt	Acoustic hit sensor; hits shown, stored and printable (an option on the single-function target)
Wind stability	A steady face in the open	Multi-function: no shake or bend up to 25 km/h

HOW THE TARGETS ARE SET UP AND USED

1. **Pick the targets for each practice.** Rise-and-fall targets for the butt gallery, multi-function boxes for field firing, and a trolley track where you want a crossing target.
2. **Place them.** The multi-function target box sits behind a 2 m gabion butt wall, so only the face is exposed to fire. Single-function frames stand in the butt gallery. The trolley track is…
3. **Choose the control.** Use the handheld remote, the 8-channel bench console with raise and lower keys for each target, or the range PC.
4. **Program the exercise.** Set the exposure time, the number of hits before the target hides and the exercise type, for up to 7 targets together or one by one.
5. **Fire and score.** The acoustic hit sensor counts the hits, which are shown, stored and can be printed.

COMMON QUESTIONS

Who makes these pop-up and moving targets?
Star INXS Solutions Pvt Ltd. The Multi-Function Pop-Up Target, the Single-Function Pop-Up Target and the Moving Target System are designed and built in India.

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