H-BAR GROUND RAIL MOVING POP-UP TARGET

www.lomah-target.com

— — RIZHAO FZH INTERNATIONAL TRADE CO., LTD.
MANUFACTURER OF SHOOTING TARGET SYSTEM

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1.Product Introduction

The H-bar ground rail moving pop-up target is mainly used in outdoor shooting with various weapons such as toy guns, air guns, rifles, and police pistos, etc.During training, it is possible to simulate the external characteristics of imaginary enemy targets and their sudden appearance and covert actions.

And it supports high-precision target reporting and not affected by weapon caliber or projectile speed, and can meet training subjects such as precision shooting and applied shooting.

shock wave signal

Information collection processor

Calculation of impact point

Communication controller

Data transmission

Master server

Data transmission through WiFi

Shooter monitor

Scores printing

Printer

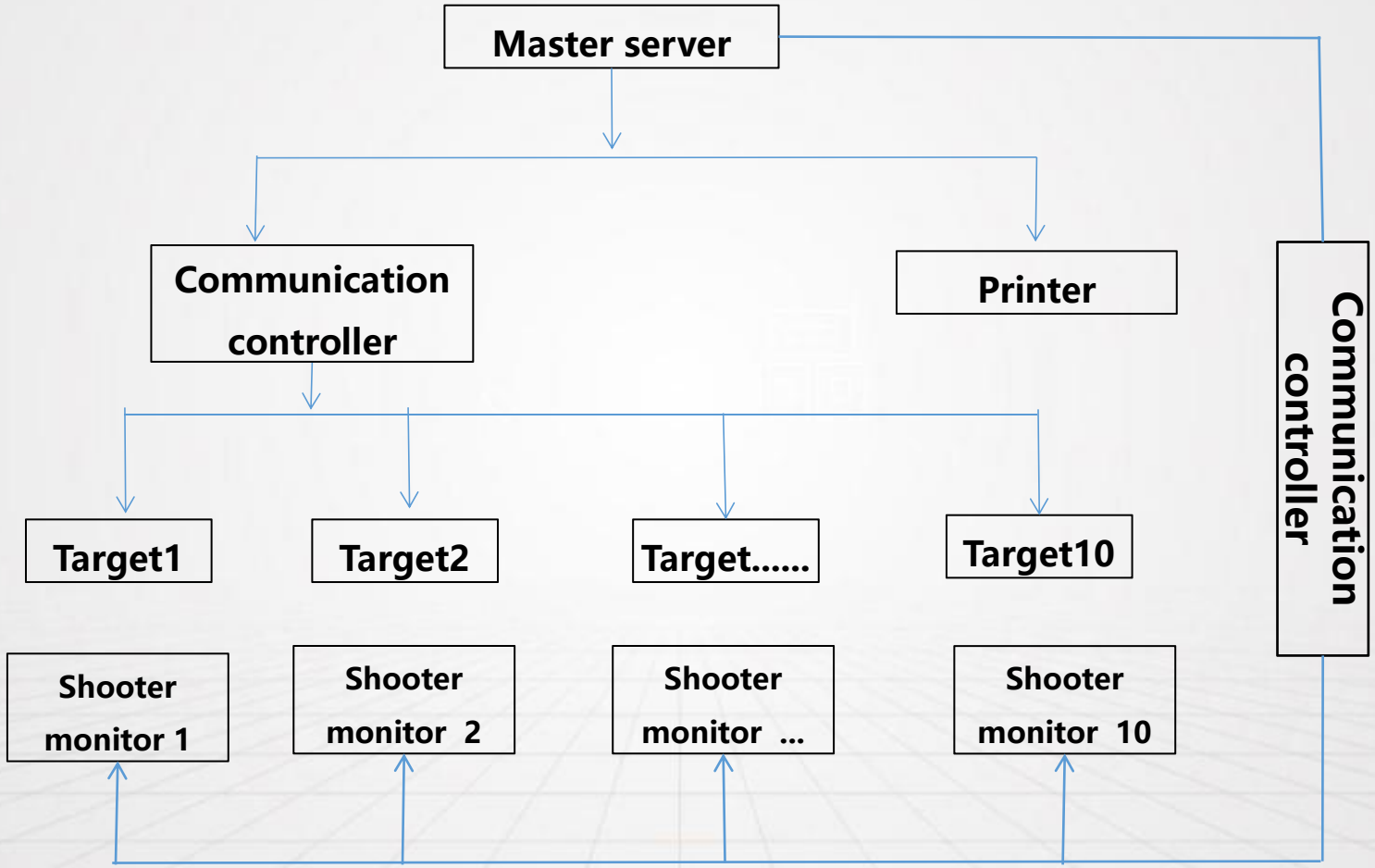
2 . System Usage

The H-bar ground rail moving pop-up target simulates the appearance characteristics and standing and falling movements of hypothetical enemy targets in training, mainly used for training in subjects such as high-precision target shooting and applied shooting.

The multifunctional electronic target reporting system can meet the requirements of light weapons for recording and evaluating shooting performance against single or group targets.

H-bar ground rail moving pop-up target

3.System composition



System Composition

1.No limited by shooting angle

The H-bar ground rail moving pop-up target is mainly used for shooting training in indoor and outdoor shooting ranges. During training, it can simulate the appearance characteristics of hypothetical enemy targets and sudden and covert actions, supporting high-precision electronic target reporting for oblique projectile and moving targets;

Meet training requirements such as precision shooting and applied shooting.

2.No limited by gun type

The H-bar ground rail moving pop-up target can meet the needs of toy guns, gas guns, rifles, military and police hands guns, rifles, armor, artillery, and other types of weapons. Not affected by weapon caliber and projectile speed.

3. No limited by the target

No special target boardis required,just use ordinary EVA target and ordinary target paper ;

The target surface is just atargeted target,which can bebroken and pasted with a target paper.

5 . System function

1. **High precision automatic target reporting**

The H-bar ground rail moving pop-up target has a high precision automatic target reporting function, which can report targets in real-time through voice and image.

2. **Power on self-test function**

The H-bar ground rail moving pop-up target has automatic self check and manual control self check functions when powered on, and can check the operating status of the target equipment through the self check function of the target machine.

3. **Shooting score display**

The master server and shooter monitor of H-bar ground rail moving pop-up target can evaluate the target type, impact point, bullet sequence, number of single shot rings, total number of rings, projectile distribution, and shooter information by graphic and textual, as well as voice target reporting.

5.System function

04 Group training function

The master server and shooter monitor of H-bar ground rail moving pop-up target can group the list of trainees as needed, and can import the list of trainees for grouping to met the training needs in different scenarios.

05 Parameter setting function

Under grouping conditions, the target can be selected for target type selection, and the target numbers can be selected in bulk or unordered for grouping. Parameters such as target display time, reverse target time, and number of cycles can be set, and whether to hit the reverse target can be set too.

06 Training Information Management

The centralized control equipment can input, edit, and delete information about trainees, training courses, training plans, etc. It can also query and print shooting scores.

6 . Main technical indicators

No.	Item	Target
1	Applicable target type	Common precision chest ring target, head target, chest target, body target,etc
2	Applicable gun type	Toy guns, air guns, rifles, and police pistols, other types of light weapons
3	Applicable bullet diameter	5mm~130mm
4	Applicable velocity	100m/s~1500m/s
5	Applicable temperature	-30℃~+65℃
6	movement speed	0-3 meters/second (Adjustable)
7	Target reporting accuracy	≥99.5%
8	Target reporting accuracy tolerance	≤3mm
9	Continuous capture	1-50 shooting
10	Wind resistance rating	L6
11	Rain proof performance	100mm/h, 30min
12	Target reporting response time	≤0.5s
13	Wireless control distance	1-500m (intervisibility)

7 . Complete configuration

NO.	Part name	Quantity	Unit	Remarks
1	Master sever	1	pc	Incl. software
2	Communication controller	1	set	
3	H-bar ground rail moving pop-up target	10	pc	
4	Shooter monitor	10	pc	Incl. software
5	Power supply battery pack	10	set	24v12AH
6	Battery pack	10	pc	
7	Target board	10	pc	
8	HF antenna	10	pc	
9	Instruction manual	1	pc	
10	Spare parts kits	1	pc	
11	Packing box	10	pc	wooden box

8.Product picture

Picture of complete shoot target system

Product Picture

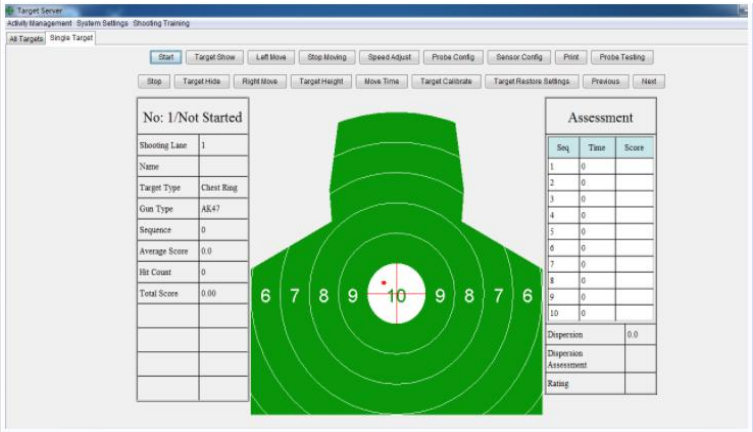
System software control

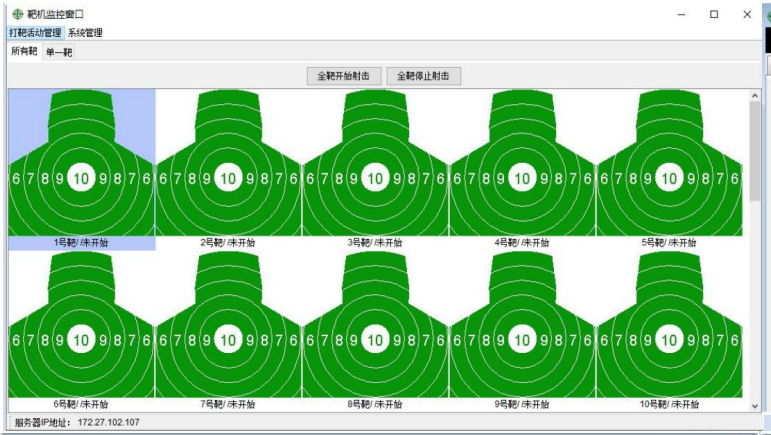
Shooter monitor

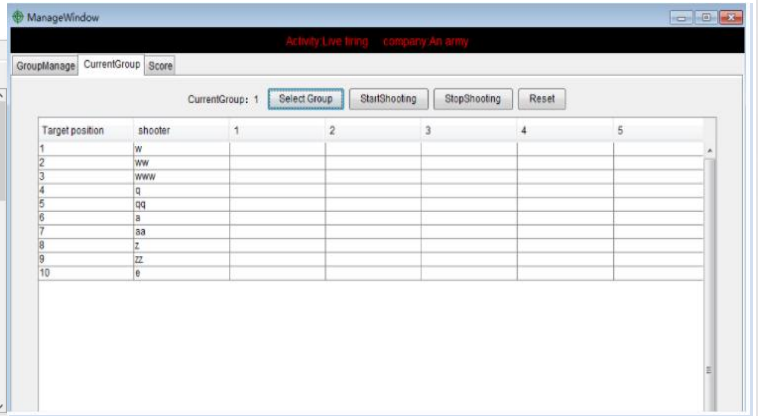
communication system

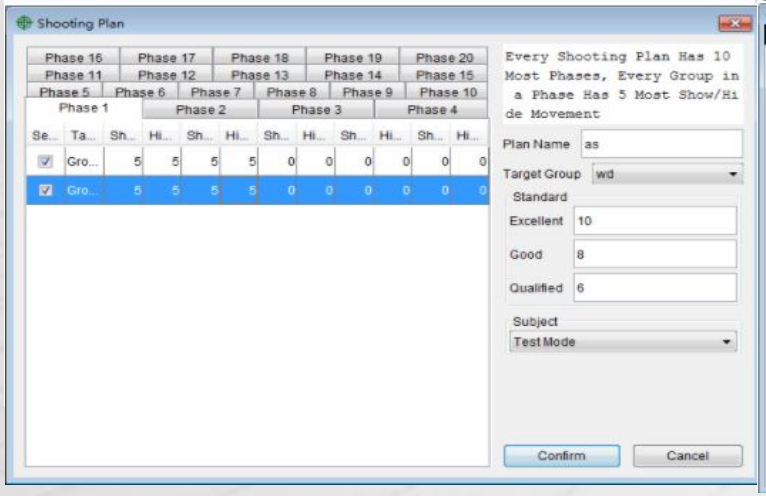
8.Product picture

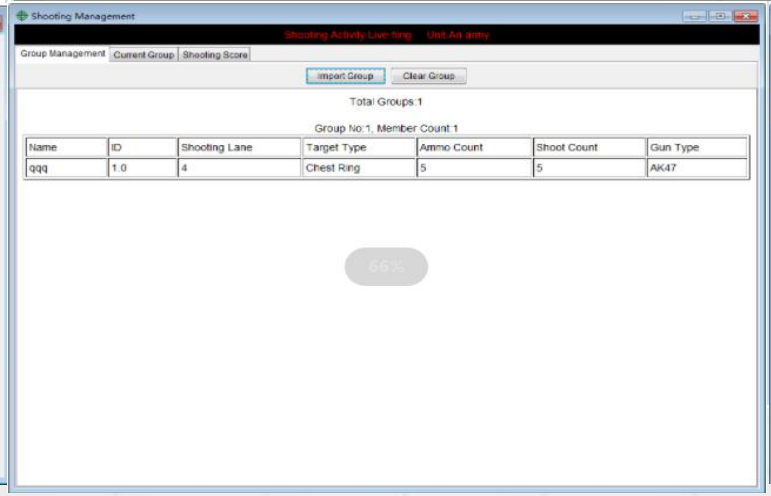
Software interface

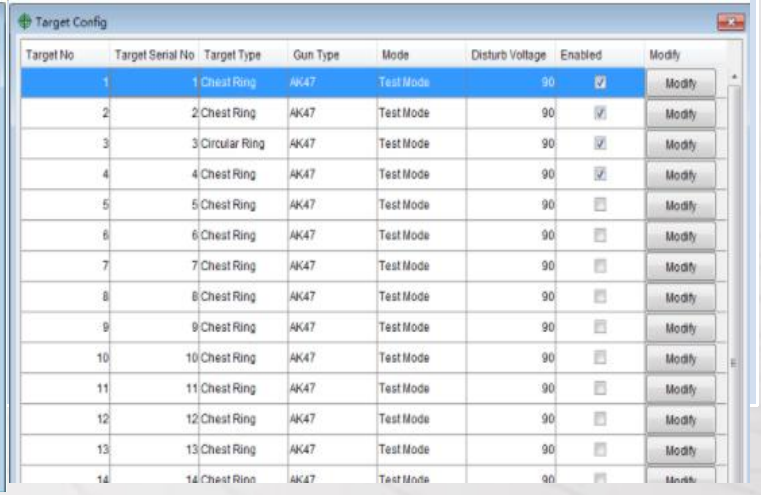












9.Application cases