



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 pistols, 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.

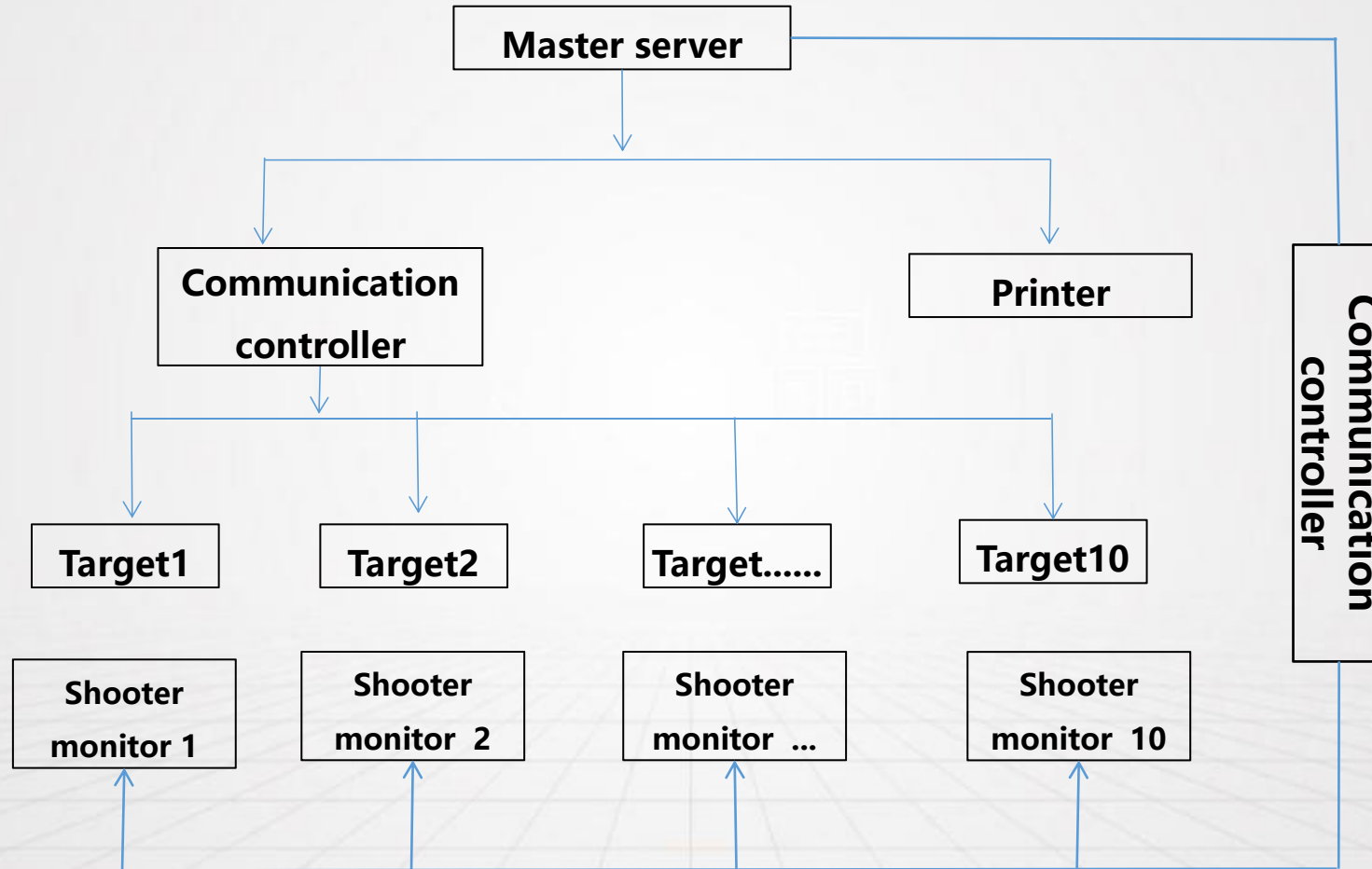


H-bar ground rail moving pop-up target





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 board is required, just use ordinary EVA target and ordinary target paper ;

The target surface is just a targeted target, which can be broken and pasted with a target paper.





5 . System function



High precision automatic target reporting

1

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.

Power on self-test function

2

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.

Shooting score display

3

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 meet 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°C~+65°C
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



Shooter monitor



Product Picture

System software control



communication system





8.Product picture



Software interface

Target Server

Activity Management System Settings Shooting Training

All Targets Single Target

Start Target Show Left Move Stop Moving Speed Adjust Probe Config Sensor Config Print Probe Testing

Stop Target Hide Right Move Target Height Move Time Target Calibrate Target Restore Settings Previous Next

No: 1/Not Started

Shooting Lane 1

Name

Target Type Chest Ring


Gun Type AK47

Sequence 0

Average Score 0.0

Hit Count 0

Total Score 0.00



Assessment

Seq	Time	Score
1	0	
2	0	
3	0	
4	0	
5	0	
6	0	
7	0	
8	0	
9	0	
10	0	

Dispersion 0.0

Dispersion Assessment

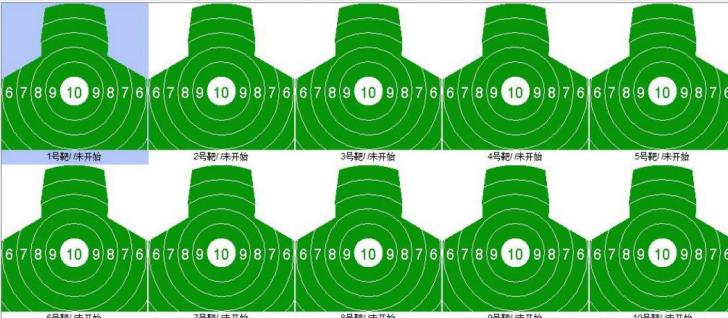
Rating

靶机监控窗口

打靶活动管理 系统管理

所有靶 单一靶

全靶开始射击 全靶停止射击



1号靶/未开始 2号靶/未开始 3号靶/未开始 4号靶/未开始 5号靶/未开始

6号靶/未开始 7号靶/未开始 8号靶/未开始 9号靶/未开始 10号靶/未开始

服务器IP地址: 172.27.102.107

ManageWindow

Activity Live firing company An army

GroupManage CurrentGroup Score

CurrentGroup: 1 Select Group StartShooting StopShooting Reset

Target position	shooter	1	2	3	4	5
1	w					
2	ww					
3	www					
4	q					
5	qq					
6	a					
7	aa					
8	z					
9	zz					
10	e					

Shooting Plan

Phase 16	Phase 17	Phase 18	Phase 19	Phase 20
Phase 11	Phase 12	Phase 13	Phase 14	Phase 15
Phase 5	Phase 6	Phase 7	Phase 8	Phase 9
Phase 1	Phase 2	Phase 3	Phase 4	

Every Shooting Plan Has 10 Most Phases, Every Group in a Phase Has 5 Most Show/Hide Movement

Plan Name as

Target Group lwd

Standard

Excellent 10

Good 8

Qualified 6

Subject Test Mode

Confirm Cancel

Shooting Management

Shooting Activity Live firing Unit An army

Group Management Current Group Shooting Score

Import Group Clear Group

Total Groups 1

Group No.1 Member Count 1

Name	ID	Shooting Lane	Target Type	Ammo Count	Shoot Count	Gun Type
qqq	1.0	4	Chest Ring	5	5	AK47

56%

Target Config

Target No	Target Serial No	Target Type	Gun Type	Mode	Disturb Voltage	Enabled	Modify
1	1	Chest Ring	AK47	Test Mode	90	<input checked="" type="checkbox"/>	Modify
2	2	Chest Ring	AK47	Test Mode	90	<input checked="" type="checkbox"/>	Modify
3	3	Circular Ring	AK47	Test Mode	90	<input checked="" type="checkbox"/>	Modify
4	4	Chest Ring	AK47	Test Mode	90	<input checked="" type="checkbox"/>	Modify
5	5	Chest Ring	AK47	Test Mode	90	<input type="checkbox"/>	Modify
6	6	Chest Ring	AK47	Test Mode	90	<input type="checkbox"/>	Modify
7	7	Chest Ring	AK47	Test Mode	90	<input type="checkbox"/>	Modify
8	8	Chest Ring	AK47	Test Mode	90	<input type="checkbox"/>	Modify
9	9	Chest Ring	AK47	Test Mode	90	<input type="checkbox"/>	Modify
10	10	Chest Ring	AK47	Test Mode	90	<input type="checkbox"/>	Modify
11	11	Chest Ring	AK47	Test Mode	90	<input type="checkbox"/>	Modify
12	12	Chest Ring	AK47	Test Mode	90	<input type="checkbox"/>	Modify
13	13	Chest Ring	AK47	Test Mode	90	<input type="checkbox"/>	Modify
14	14	Chest Ring	AK47	Test Mode	90	<input type="checkbox"/>	Modify

9. Application cases

