



SHOCK WAVE HANGING ROTARY TARGET

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MANUFACTURER OF SHOOTING TARGET SYSTEM

Contents

1 Product introduction

2 System composition

3 System function

4 Main technical indicators

5 Complete configuration

6 Product pictures



1.Product introduction

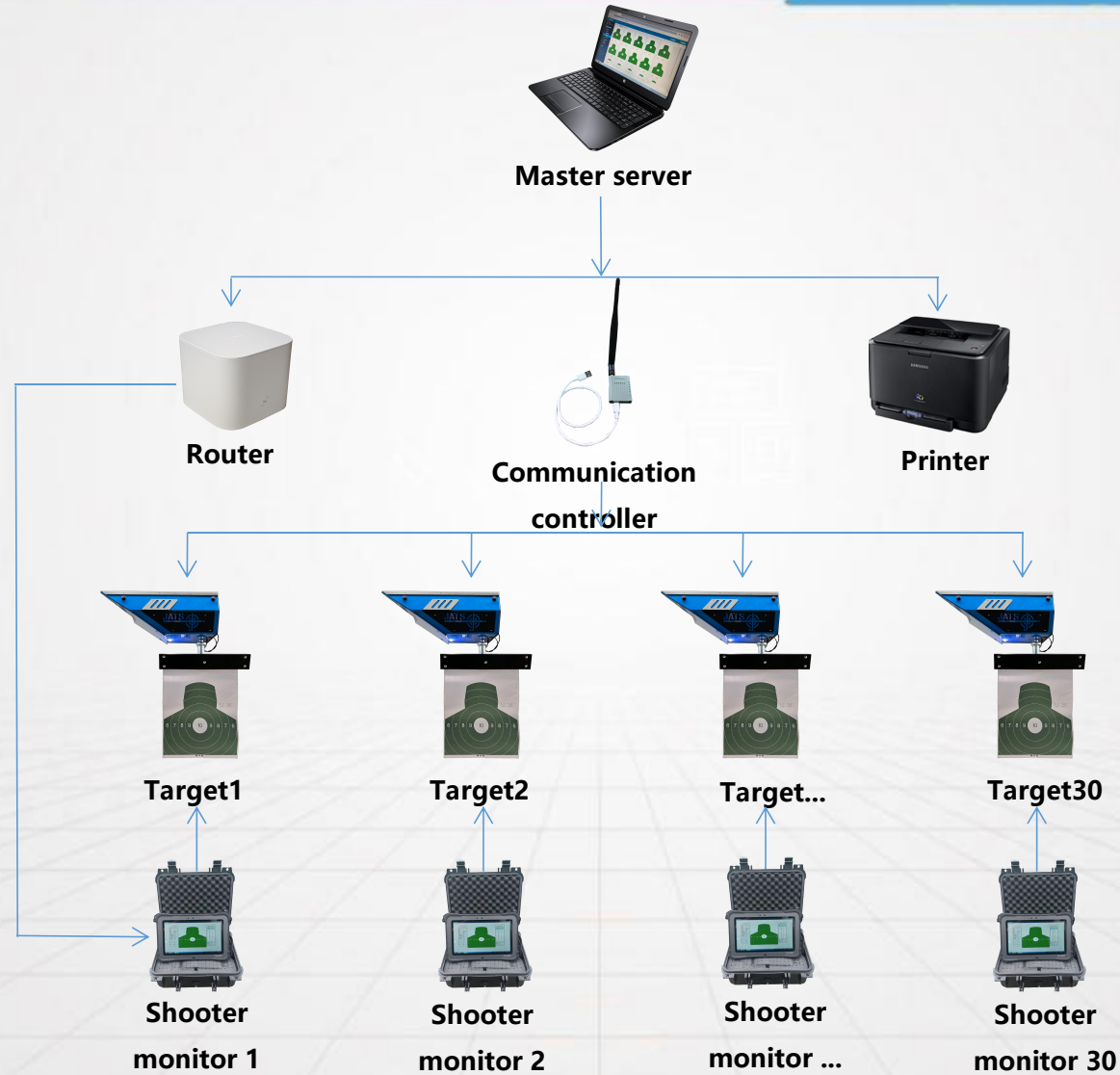


The FNY-KJ-C4 shock wave hanging rotary target is a precision positioning target independently developed by our company. It can be controlled to stop at any position through software and integrated with our company's automatic target reporting system. Accurately complete target reporting and position control. This target is suitable for indoor shooting training and supports shooting with various weapons such as toy guns, air guns, rifles, military and police pistols, heavy machine guns, etc. During training, it is possible to simulate the appearance characteristics, sudden appearance, and covert movements of hypothetical enemy targets. Support high-precision target reporting, unaffected by weapon caliber and bullet speed. It can meet the training needs of precision shooting, applied shooting, etc.



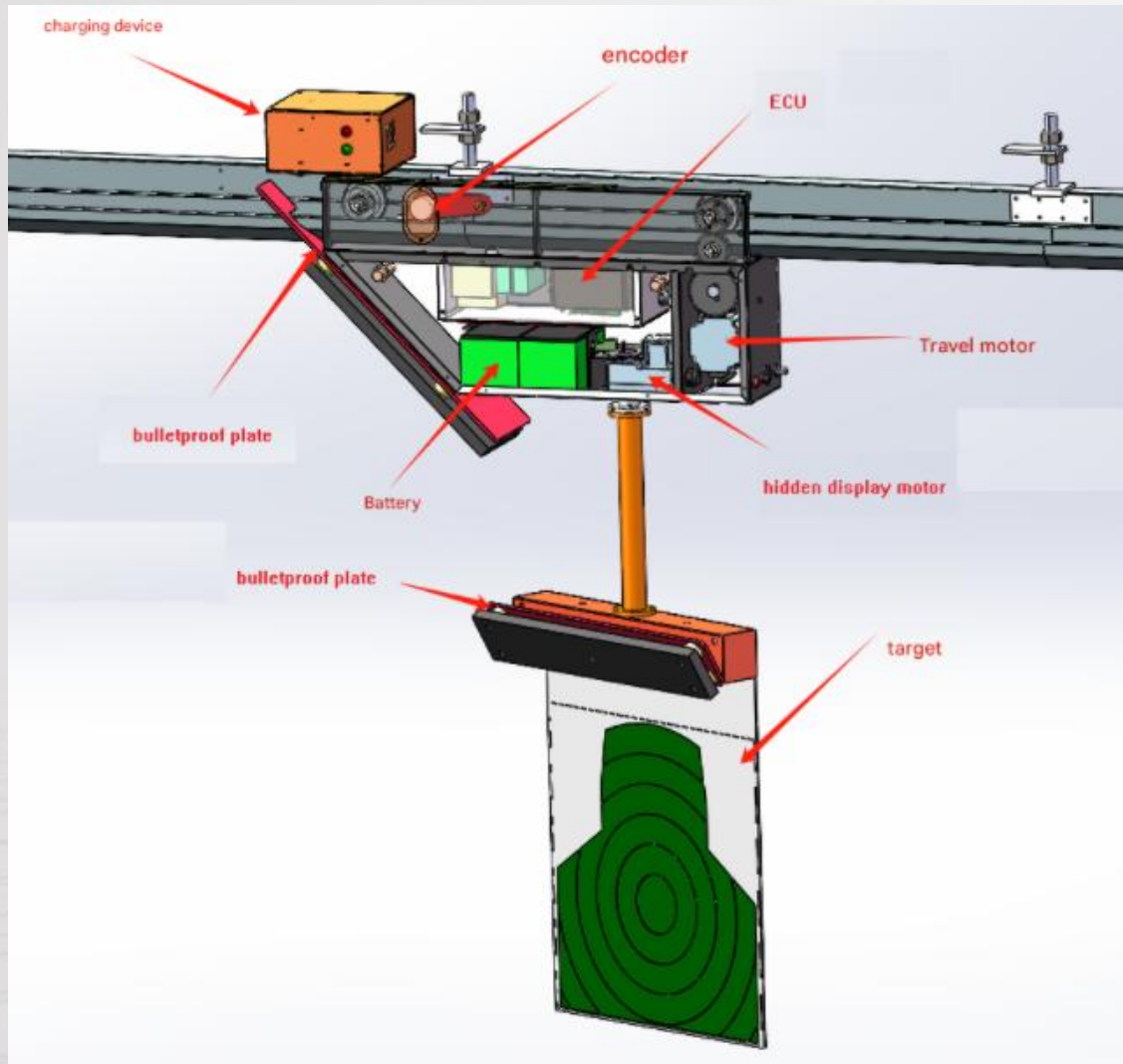


2 . System composition





2. System composition



Charging device: The target returns to point 0 and contacts the charging device for charging

Encoder: capable of accurately measuring the position of the target for positioning

Walking motor: 24V200W DC brushless motor, controlled by a driver to move the target (adjustable from 0-2.5m/s)

Rotary display motor: 24V25W DC brushless motor, controlling the rotary display function of the target

Bulletproof plate: composed of 6.2mm thick NP550 steel plate and 20mm thick rubber plate, with a hollow in the middle between the two plates. After the bullet penetrates the rubber plate, it is intercepted by the steel plate to prevent the bullet from rebounding

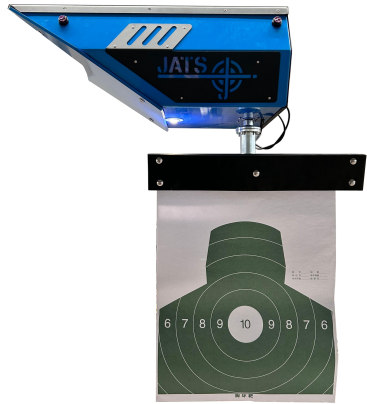
Target plate: EVA material or paper

Track: Aluminum profile track with high flatness and low wear resistance and noise

Battery: 24V 12AH battery



3. System function



Not limited by shooting angle

The shock wave hanging rotary target is mainly used for indoor shooting training in shooting ranges. In training, it can simulate the external characteristics of hypothetical enemy targets and sudden and covert actions, supporting high-precision target reporting for oblique projectiles and moving targets; Meet training requirements for precision shooting, application shooting, and more.



Not limited by gun type

The shock wave hanging rotary target reporting system can meet the shooting needs of toy guns, air guns, rifles, military and police pistols, various weapons such as heavy machine guns, subsonic and supersonic weapons, etc.



Not limited by target

No special targets are required, just use a regular EVA target box and regular target paper; The target surface is just a targeted target, just stick a target paper after breaking it.



3 . System funtion



1 Multi language settings

This software supports multiple national language settings such as Chinese, English, Russian, French, Arabic, etc



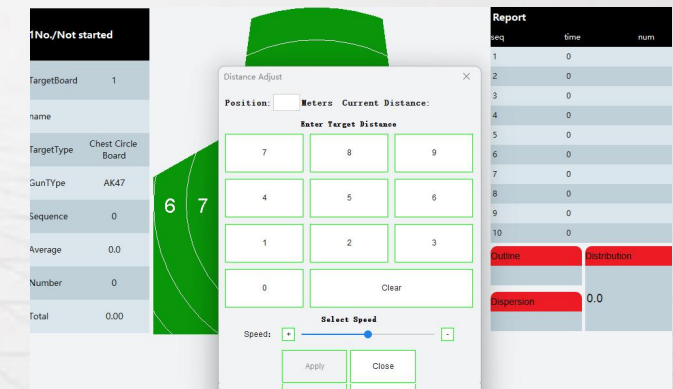
2 Precision automatic target reporting

The shock wave hanging rotary target has high-precision automatic target reporting function, which can report targets in real-time through voice and image.



3 Target height adjustment

Enter any number of meters (1; 3; 5; 6; 10, etc.) in the software, and the target will provide real-time feedback on the position signal based on the encoder. It will slow down approximately 1 meter before approaching the stop position to smoothly reach the set position.



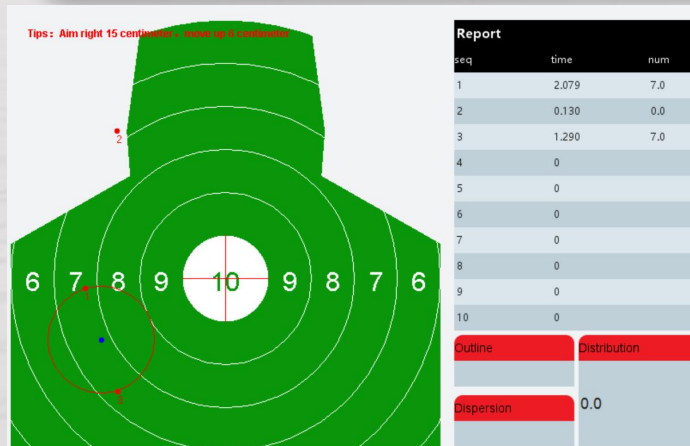


3 . System funtion



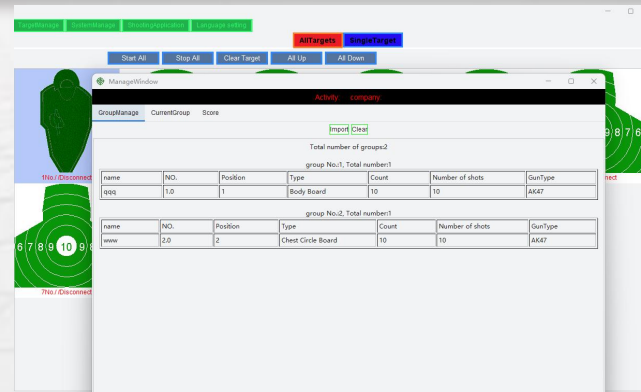
4 Shooting score display

The shock wave hanging rotary target master server and shooter monitor can display images and report targets by target type, impact point, projectile sequence, number of single shots, total number of shots, projectile distribution evaluation, and shooter information through voice.



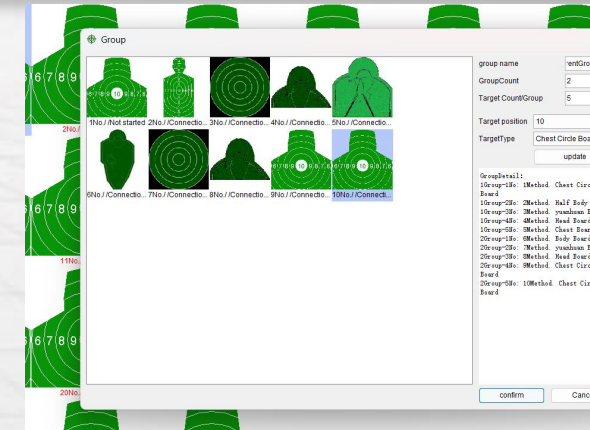
5 Group training function

The master server and shooter monitor of the high-precision electronic target reporting system 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.



6 Parameter setting funciton

Under grouping conditions, target type selection can be made for the target , and target numbers can be selected in batch or disorder for grouping. Parameter settings can be made for target display time, reverse target time, and number of cycles, as well as whether to hit the reverse target.





4. Main technical indicators



No.	Item	Target
1	Applicable target type	Various military common target types such as ordinary precision chest ring target, ring target, body target, head target, etc
2	Applicable gun type	Various weapons such as toy guns, air guns, rifles, military and police pistols, heavy machine guns, etc. are used for shooting.
3	Applicable projectile speed	100m/s ~ 1800m/s
4	Rotary time	$\leq 1s$
5	Target reporting accuracy	$\geq 99.5\%$
6	Target reporting accuracy error	$\leq 3mm$
7	Wireless control distance	1-5000m (Intervisibility)
8	Wind resistance	L6
9	Target reporting response time	$\leq 2s$
10	Applicable temperature	$-30\text{ }^{\circ}\text{C} \sim +65\text{ }^{\circ}\text{C}$



5. Complete configuration

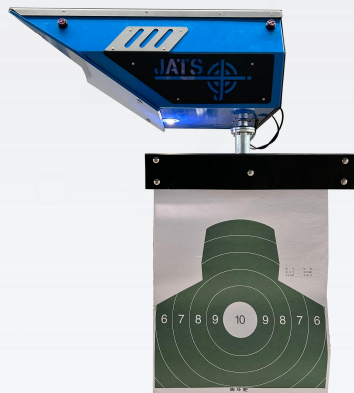


No.	Part name	Part name	Unit	Remarks
1	Master server	1	pc	Including software
2	Communication control system	1	set	
3	Shooter monitor	1-30	pc	Including software
4	Shock wave hanging rotary target	1-30	pc	
5	Power supply battery pack	1-30	set	24v12ah
6	Charging device	1-30	set	
7	HF antenna	1-30	pc	
8	Target	1-30	pc	
9	Spare parts kit	1-3	set	
10	Instruction manual	1	pc	



6. Product pictures

Picture of
complete
system



Product
picture



Master server

Shooter
Monitor



Communication
system





THANK YOU

