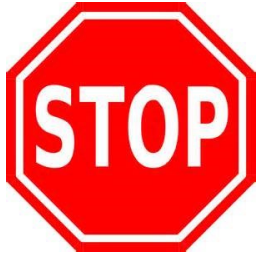


TURNING TARGET SYSTEM

SET-UP / SAFETY / USER MANUAL

(Covers all Single and Double Turning Target Systems)



STOP:

If anything is missing from this package, or you have questions about assembly, please contact Challenge Targets directly for prompt assistance.

Challenge Targets

Phone: 1-800-859-5841 ext# 915

Email: service@challengetargets.com

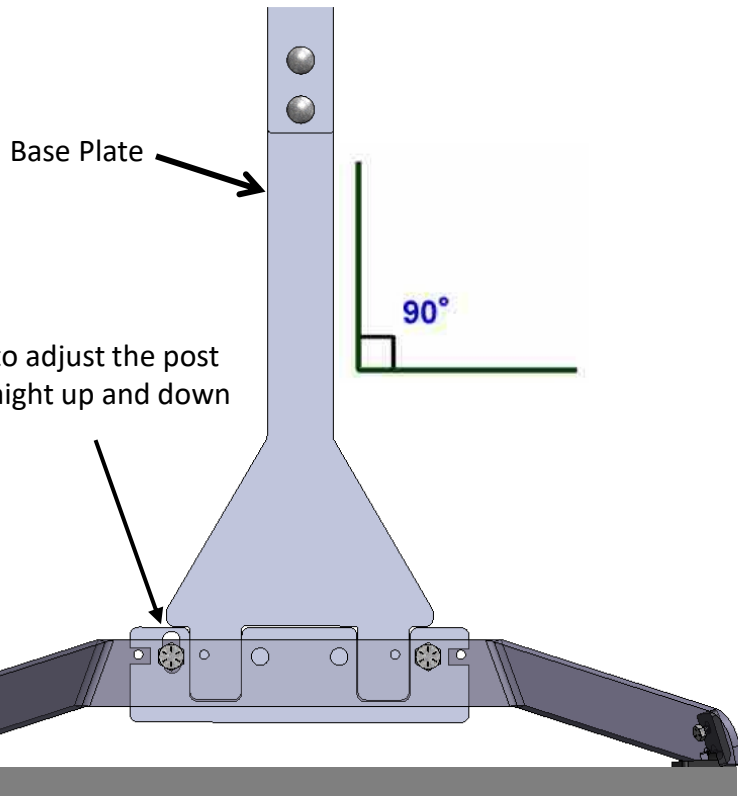
PATENT PENDING



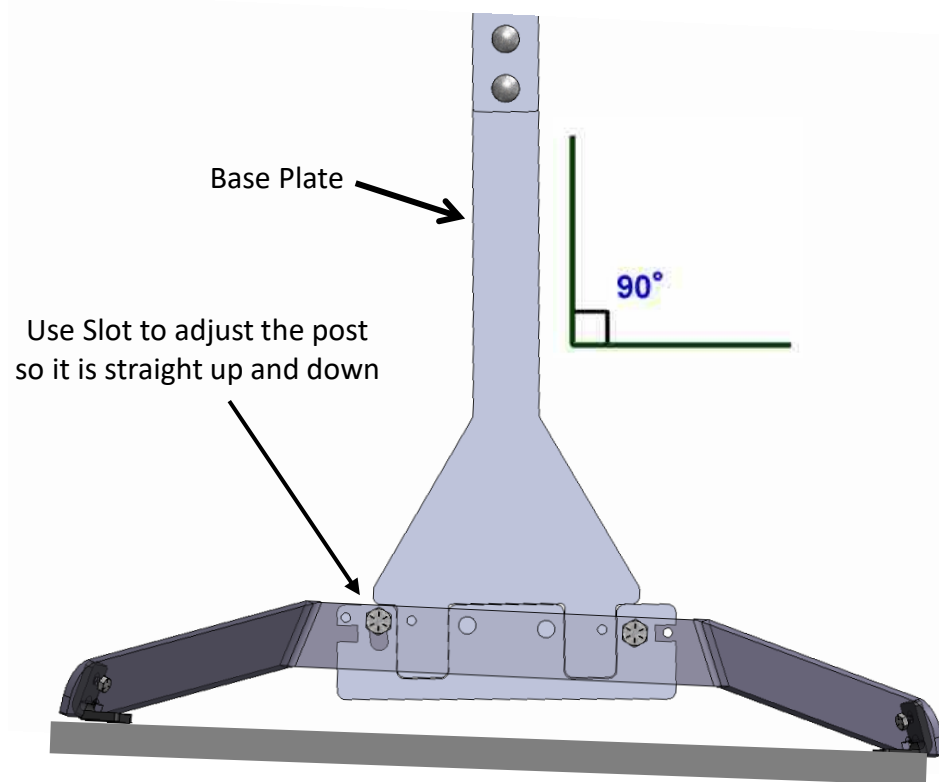
Base Adjustments

These instructions pertain to the set-up and use of the target system. Refer to the *Assembly Instruction Manual* for details regarding mechanical assembly of the frame and installation of the motor.

STEP 1 - Adjust Base Plate if needed so post is plum to the terrain.

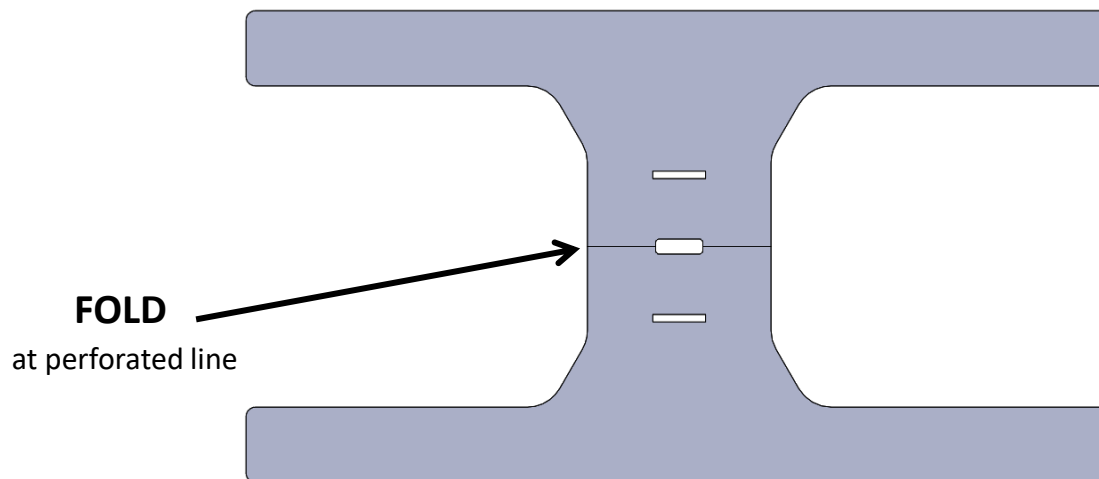


LEVEL GROUND



UNEVEN GROUND

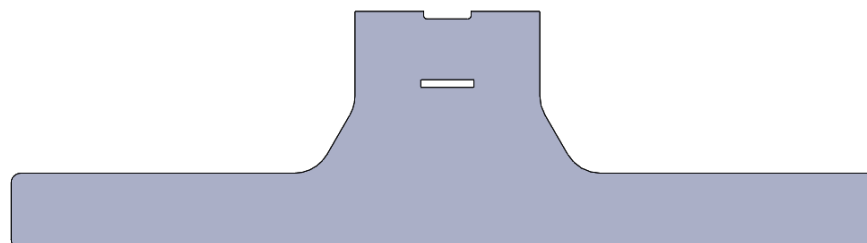
Install Cardboard Target Holder



STEP 1

Fold **Target Holder** (H) at the perforated line as shown so white side faces outward.

AFTER FOLDING



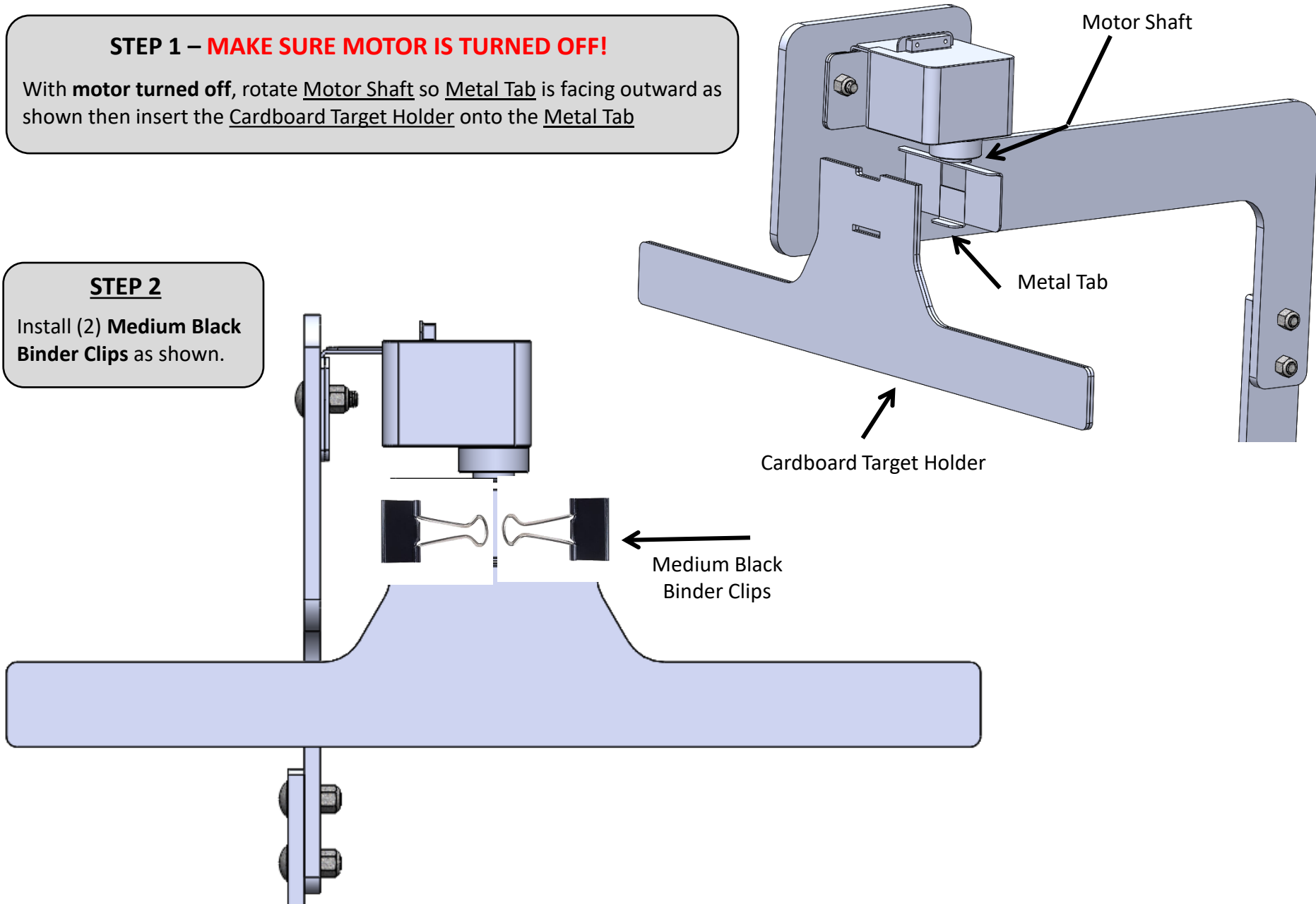
Install Target Holder

STEP 1 – **MAKE SURE MOTOR IS TURNED OFF!**

With **motor turned off**, rotate Motor Shaft so Metal Tab is facing outward as shown then insert the Cardboard Target Holder onto the Metal Tab

STEP 2

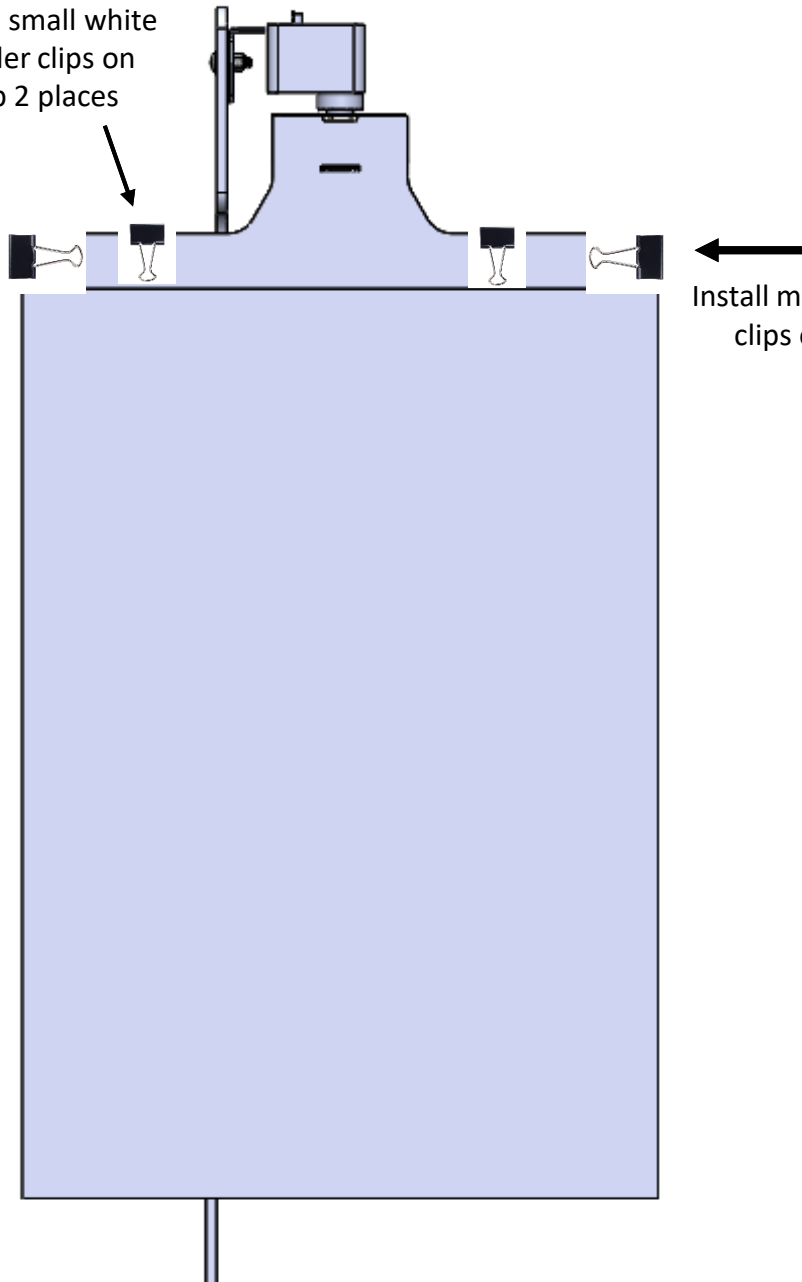
Install (2) **Medium Black Binder Clips** as shown.



Install Target

FIG. A

Install small white binder clips on top 2 places



Cardboard Target Holder

Target

STEP 1

Attach your target to the Cardboard Target Holder using 4 binder clips as shown in **FIG. A**.

Target can be clamped to the outside face of the Target Holder or in between the folds of the Target Holder.

Attach Cord

When training in low wind conditions, the cord is not required, however, we recommend attaching the cord whenever possible to keep the presentation of the target crisp.

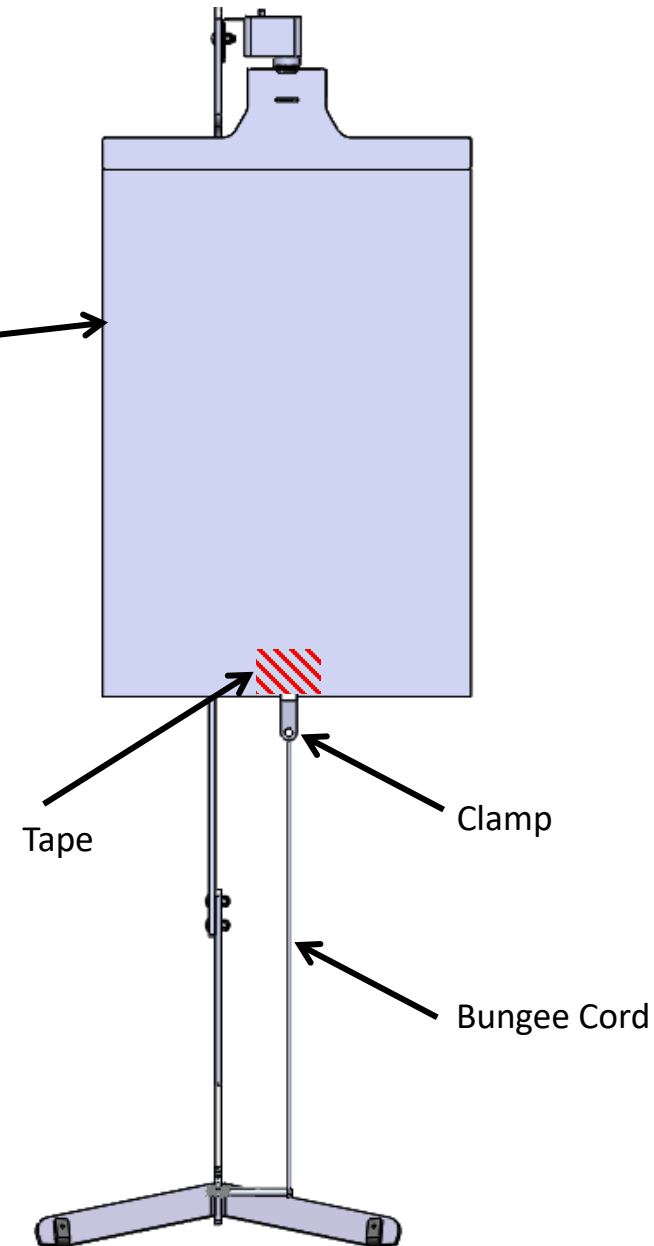
STEP 1

When using a paper target without a cardboard backer, a small piece of tape should be adhered to the bottom center of the target to prevent the paper from tearing.

We recommend using 1"-2" wide clear packing tape (not included). Make sure tape folds around the bottom and adheres to both sides of the target.

Attach the Clamp in the area where the tape is installed.

Target



BEFORE YOU BEGIN

- Please read all instructions and safety guidelines before operating the system.
- Install 4 AA Batteries (not included) into the remote controller by removing the screw behind the belt clip.
- Fully assemble the system (refer to Assembly Instruction Manual).

CHARGE THE MOTOR(S)

- The battery for the motor is located inside the motor assembly and can be charged using the jack on the side of the motor housing.
- Charging a battery that has been completely drained usually takes 1.5-2.0 hours.
- The light on the charger will shine green once fully charged.
- Do not charge longer than 4 hours.
- After the first few charges, each battery charge will last about 2 to 2.5 hours
- Note: The battery might last much longer than 2.5 hours the first few times you use the system but you should plan for about 2 hours of use between charges once the battery is broken in.

PAIRING

- Your motor and remote are already paired from the factory. To pair multiple motors or pair using an alternate frequency, please see page 10.

MODES OF OPERATION

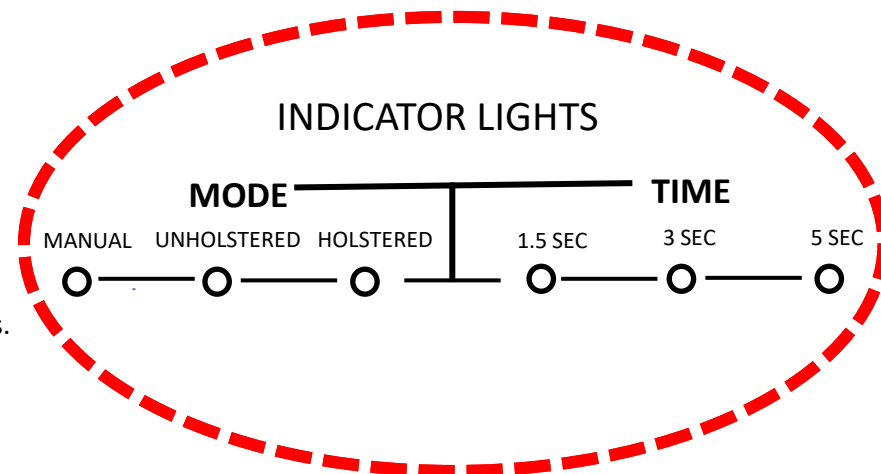
- Three modes of operation are explained on pages 8 – 10.

POWERING ON MOTOR

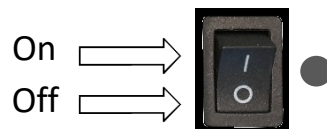
The switch for the motor is located on the bottom of the motor housing assembly.

Before powering the motor on, **KEEP CLEAR** as target may rotate to the concealed position immediately after applying power.

Turn motor(s) ON before proceeding to page 7 (red light will illuminate).

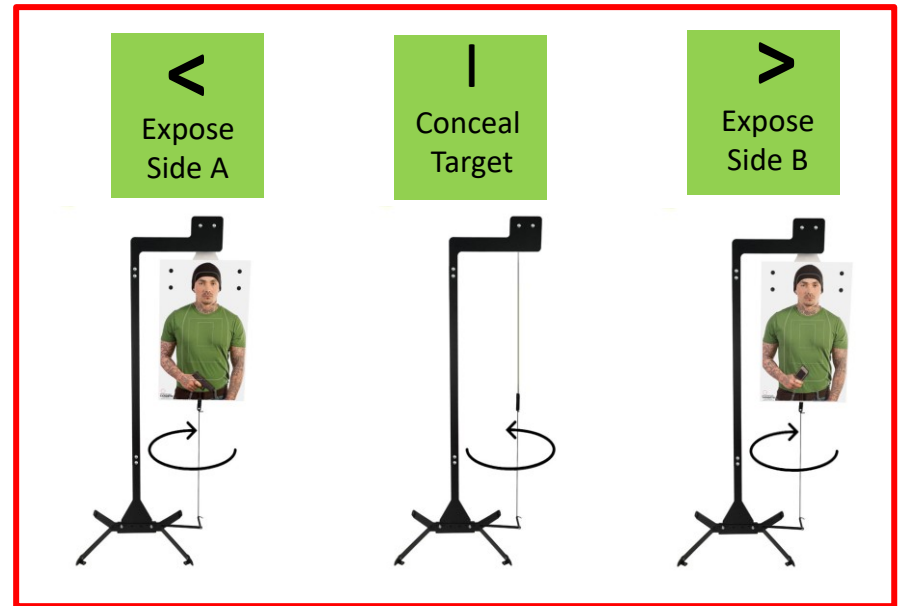


Motor Power Switch



In this mode, the target is controlled manually. Use this mode only when a second person is available to control the target.

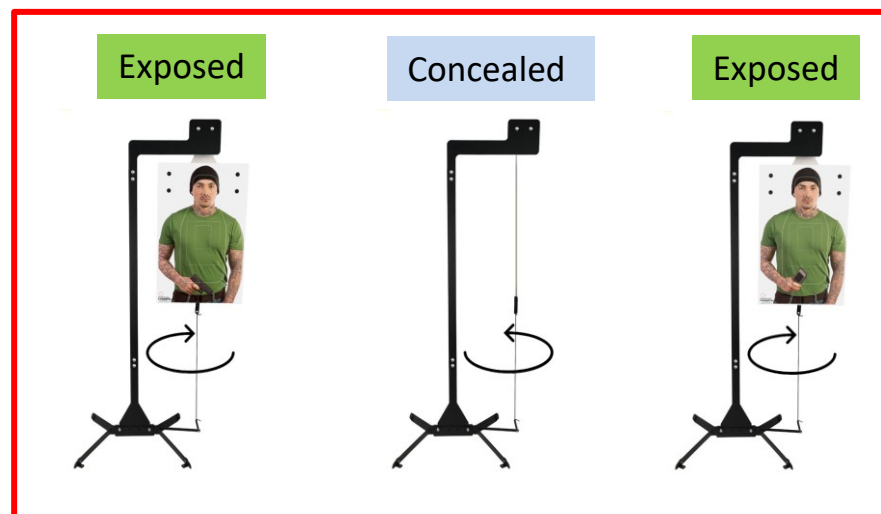
1. Turn on Power Switch
green light will illuminate
2. Push Mode Selector Button once
green light will illuminate
3. Use Manual Buttons to rotate the target



In this mode, the target turns automatically. Use this mode when shooting from low ready or high ready position.

The target will stay in the **Concealed** position for a shorter period of time.

- 1) Turn on Power Switch
green light will illuminate
2. Push Mode Selector Button twice
green light will illuminate
3. Push Time Selector Button to select **Exposed** time
 - Push 1 time for short exposure time
 - Push 2 times for medium exposure time
 - Push 3 times for long exposure time
4. After target begins moving, turn off remote control to save battery life (target will continue turning)

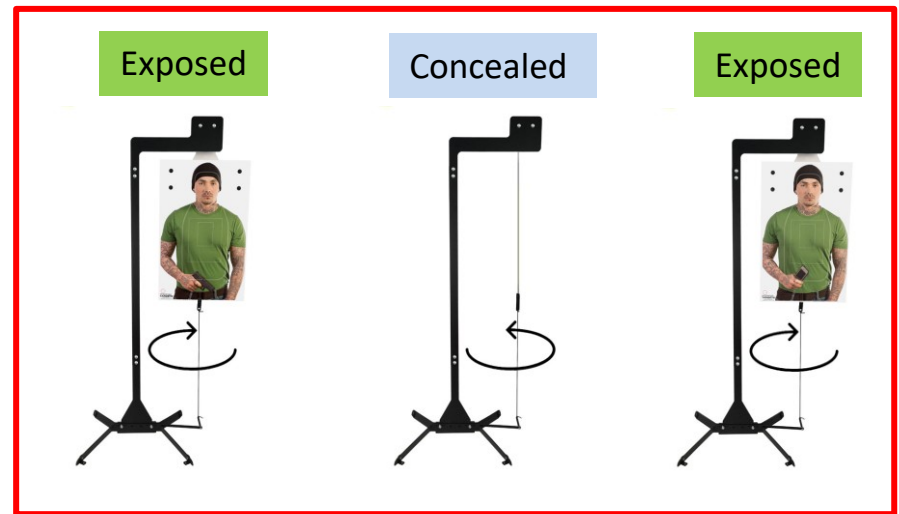


HOLSTERED MODE

In this mode, the target turns automatically. Use this mode when drawing from a holster.

The target will stay in the **Concealed** position for a longer period of time.

1. Turn on Power Switch
green light will illuminate
2. Push Mode Selector Button three times
green light will illuminate
3. Push Time Selector Button to select **Exposed** time
 - Push 1 time for short exposure time
 - Push 2 times for medium exposure time
 - Push 3 times for long exposure time
4. After target begins moving, turn off remote control to save battery life (target will continue turning)



All motors and remotes are paired to a common frequency at the factory. This step is only required if you want to link multiple motors (up to 10) to a common alternate frequency. Each motor needs to be paired to the remote individually by following these steps.

Step 1) Turn all Motors: Off

Step 2) Remote: Off

Step 3) Remote: Hold the middle Conceal button down

Step 4) Remote: While holding down the Conceal button, Turn the Remote On

Step 5) Remote: Release the Conceal button when the top row of lights will starts flashing

Step 6) Motor: Turn On the First Motor you would like to pair. The lights on the Remote will stop flashing once the Motor is powered on

Step 7) Remote: Press and release the Right Arrow repeatedly if needed until only the far right light is lit (*Each combination of lights is a different frequency*)

***TIP** – When cycling through the frequencies, use the left arrow to go back if you accidentally go too far*

Step 8) Remote: Now press and release the Mode Selector button. The lights will flash a few times and then land back on the far-right light

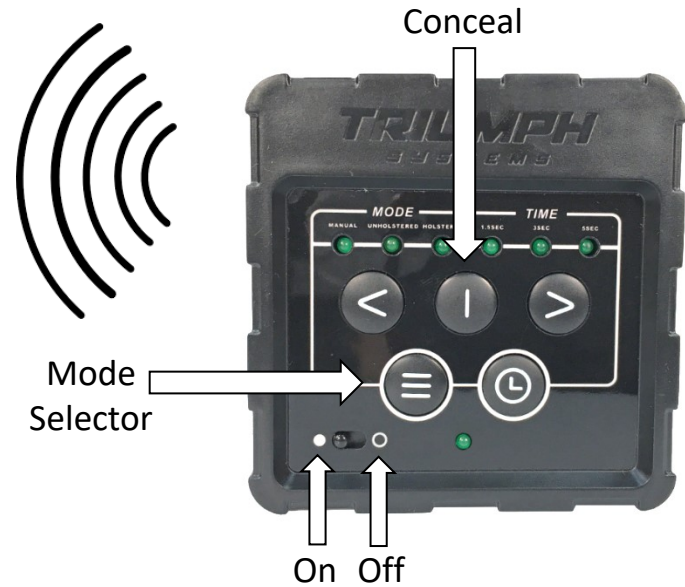
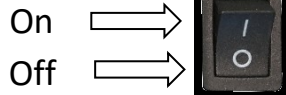
Step 9) Now turn both the Remote and the Motor Off

Step 10) Power the same Motor and Remote back On. (THE FIRST MOTOR IS NOW PAIRED TO THE REMOTE).

Step 11) Repeat steps 1-11 for each additional motor.

Motor Power Switch

(located on bottom of motor housing)



General Safety Rules

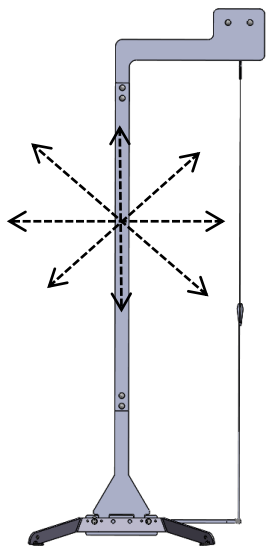
1. When powering-on the motor housing, quickly stand clear from the stand until the target has hit the concealed position to avoid injury.
2. Treat all firearms as though they are loaded.
3. Keep your finger off the trigger and outside the trigger guard until you are on target and ready to shoot.
4. Keep the muzzle in a safe direction at all times.
5. Be sure of your target and what is beyond it.

Warning

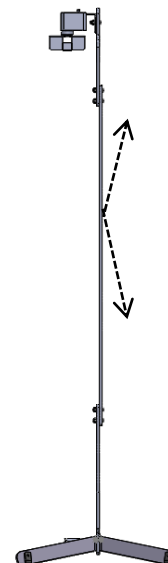
Failure to read, understand, and follow the enclosed information prior to the use of our products greatly increases the risk of injury or death. You should read and fully understand the enclosed instructions prior to using our products.

About the AR500 Steel Frame

The frame of your target is made of 3/8" thick AR500 steel but it is not intended to be shot. The frame is designed to support and protect the motors while taking minimum damage from errant shots that hit the frame. If the steel frame is accidentally shot, a "splatter zone" result. This zone is the area in which the great majority of bullet fragments eventually wind up. This zone can travel more than 20 yards with handguns and more than 75 yards with rifles. Most bullet splatter is deflected within a 25-degree cone angle in a 360-degree direction from the surface face of the impacted steel target (See Figure A). This "splatter zone" will of course, differ depending on the angle of impact. Since the splatter zone can only be minimized and never fully predicted, proper ANSI approved shooting glasses with side shields **MUST ALWAYS BE USED** by shooters and spectators.



Bullet Splatter Zone (FIG A)



Because there is a risk of a bullet hitting the frame, these safety precautions must always be followed

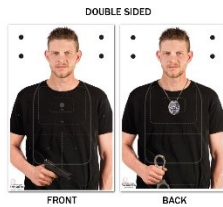
1. Always wear wrap around shatter resistant ANSI approved shooting glasses and hearing protection.
2. Never shoot shotgun slugs, hardened, steel core, or armor piercing ammunition at steel targets.
3. Long pants (no shorts), long sleeve shirts, brimmed hat, and closed toed shoes are recommended.
4. Minimum Distance for handguns is 10 yards.
5. Minimum Distance for rifles is 100 yards.
6. The minimum distance for shotgun lead, birdshot or buckshot is 15 yards (**NO SHOTGUN SLUGS**).
7. Instructors and observers should stand behind the shooter and obey all safety rules.
8. Never use steel shot, BB's or pellets.
9. Only use ammunition with a muzzle velocity between 750 and 3,000 feet per second (fps).
10. Inspect target frame for damage periodically during shooting and before every use. Discontinue use if frame has deep pits or craters.
11. The shooter should line up 90-degrees perpendicular to the target frame. The angle of target engagement should never exceed 20-degrees.

Challenge Targets products are intended for specific use as part of an inherently dangerous activity. Use only in the intended manner in compliance with these safety guidelines. Even when used properly, the potential of injury or property damage exists. All risk of injury, damage, or use is assumed by the purchaser or user of Challenge Targets products. **Serious injury or death may result from the improper use or misuse of this product.**



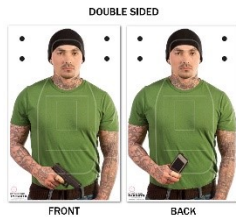
Product Code: 2117

Description: Shoot / No-Shoot Target Assortment – 25PK



Product Code: 2106

Description: Shoot / No-Shoot Double Sided Paper Target



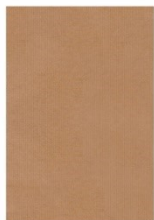
Product Code: 2103

Description: Shoot / No-Shoot Double Sided Paper Target



Product Code: TARGET-HOLDER-25PK

Description: Cardboard Target Holder



Product Code: BACKER-CB-24X35

Description: Cardboard Target Backer