



**COURSE:** MULTI-THREAT SHIELD FUNCTION AND UTILIZATION

**LESSON:** MTS FUNDAMENTALS

## INTRODUCTION

The Multi-Threat Shield (MTS) was created to address the growing concerns of increasing violent encounters such as active shooter incidents and other unpredictable acts of violence.

The MTS is perfect for:

- Active shooter mitigation
- Executive protection
- Public safety/first responders
- Personal protection
- Home defense

## DESIGN

Weighing in at just over five pounds, the MTS's proprietary design provides you with the lightest, most discreet, and most affordable ballistic shield on the market.

The MTS is designed to be versatile and effective against handguns.

- The design allows the user to add a NIJ rated rifle plate to provide more protection against higher-level threats.
- The MTS only weighs nine pounds with the rifle plate inserted.

## PRODUCT ORIENTATION

The design of the MTS also allows the user to let go of the shield while still maintaining protection. This allows the operator to have full use of his or her hands for:

- Assisting with tactical movements:
  - Opening/closing doors
  - Barricading procedures
  - Operating a vehicle
- Rescue operations
  - Moving people to safety
  - Assisting injured/wounded victims
  - Applying first-aid and self-aid
  - "Officer down"/rescue operations



- Firearm Immediate Action Drills for handguns, rifles, and shotguns
  - Tactical reloads
  - Speed reloads
  - Malfunction drills

### FEATURES AND NOMENCLATURE

#### Features:

- Ultra discreet, low profile, laptop case appearance
- One piece “no crease” design
- Waterproof 1680 ballistic nylon
- High impact, thermoplastic Kydex insert
- NIJ rated IIIA

#### Nomenclature- MTS Closed

- Dimensions:
  - Height: 12 inches
  - Width: 17.5 inches
  - Thickness: 2.5 inches
- Utility pouch
  - Modular design for customizable attachments
  - Can carry firearms, ammunition, first-aid supplies, communication equipment, and other tools
  - Velcro closures adjustable for increased carrying capacity
  - Designated place for unit patch/unique marker
- Handles
  - The MTS has two handles: the briefcase handle and deployment handle
  - Both handles are reinforced and triple stitched for extreme durability
  - Optimized for carrying, transportation, and deployment
  - Capable of accommodating small to large hands, with or without gloves



- Shoulder strap
  - The shoulder strap is 2 inches in width, affording equal weight distribution and avoiding muscle aches or friction hot spots
  - At the end of each strap is a floating, 360 degree silent swivel clip/attachment
  - The shoulder strap is secured to the MTS by clipping it into the reinforced triangle attachments.
  - Both the shoulder strap clip and the triangle attachments are made of extremely durable, thermoplastic material.
    - These attachments enhance the low-profile design and reduce the MTS's noise signature for discreet operations.

#### Nomenclature- MTS Open

- Dimensions:
  - Length: 3.1 feet
  - Width: 17.5 inches
  - Thickness: .5 inches
- Top of the open MTS
  - Two triple-stitched Velcro closure strips
  - Pouch containing the high impact, thermoplastic Kydex insert, which is also designed for our NIJ rated rifle plate to provide additional protection against higher-level threats.
- Middle of the open MTS
  - The placement of this utility pouch allows the user to access equipment while the MTS is deployed.
- Bottom of the open MTS
  - Two triple-stitched Velcro closure strips

#### **CARRYING POSITIONS: MTS CLOSED**

Optimally, the MTS should be carried on the opposite side of your primary hand.

- If you're right-handed, the MTS should be carried on the left side of your body
- If you're left-handed, the shield should be carried on the right side of your body
  - This will allow you to deploy the MTS while still keeping your primary hand free for other tasks



The MTS should be carried so that the deployment handle is on the outside, and the utility pouch is closest to your body.

#### Briefcase handle

- All of the carrying positions are the same for both left and right-handed carries.
- The “briefcase carry”:
  - The user grabs the handle with a thumb-down grip, palm facing your body.
  - Utilizing this position will place the MTS below the waist, around the mid-thigh area.
  - This carry allows the user to easily switch between a left-handed and right-handed carry.

#### Deployment handle

- This handle is designed to give the user more security and control.
- It is important to note that while this carrying position affords more control, it does make transitioning between left and right-handed carries more time consuming.
- The “Gable grip”:
  - The user places their open palm on the MTS and slides their hand through the strap, grabbing the bottom of the MTS.
  - In this carrying position, the strap runs across the user’s wrist, which allows more space and movement of the MTS.
  - The user also has the option of sliding only their fingers through the strap and leaving the thumb on the top of the handle for more control.
    - In this position, the strap runs across the user’s entire hand, which means less space and more control over the MTS’s movement.
- All of the carrying positions are the same for both left and right-side carrying positions.
- Shoulder strap near-shoulder carry
  - In this carry position, the user places the strap over/on the shoulder that is nearest to the MTS.
  - If the MTS is being carried on the left side of the body, the shoulder strap will be on the left shoulder.
  - If the MTS is being carried on the right side of the body, the shoulder strap will be carried on the right shoulder.
  - In this carrying position it is possible for the strap to slip off your shoulder
    - For added stability and retention, it is recommended that the user grabs either the shoulder strap or the deployment handle.



- Shoulder strap far-shoulder carry
  - With the far-shoulder carry, the user places the strap over/on the shoulder that is furthest away from the MTS.
  - If the MTS is being carried on the left side of the body, the shoulder strap will be on the right shoulder.
  - If the MTS is being carried on the right side of the body, the shoulder strap will be on the left shoulder.
  - The primary advantage of this carrying position is that the MTS does not have to be held in order to remain secured to your body
    - Because the shoulder strap goes across your body, you have full use of both hands
- Shoulder strap far-shoulder front-carry
  - There may be times when you need the MTS to be away from the side of your body, and you need to access your waistband area or back pockets.
  - For this carrying position, simply rotate the MTS toward the front of your body.
  - This carry is best utilized when you are either sitting down or you are standing with your back against a wall or any other vertical object.
  - When sitting down:
    - Place the MTS across your body or on your lap
- Shoulder strap far-shoulder rear-carry
  - There may be times when you need the MTS to be away from the side of your body and you need to access your side/front waistband area or front pockets.
  - For this carrying position, simply rotate the MTS toward the back of your body.
  - This carry is best utilized when you need unobstructed use of both hands, you are climbing up/down ladders, or moving over other obstacles.
- Shoulder strap apron-carry
  - This carry position is ideal when you want the MTS secured to the body with the shoulder strap, but you are unable to place the shoulder strap over your near or far shoulder. An example of this would be sitting in a vehicle with your seatbelt on, and you want your hands free to quickly exit the vehicle.
    - Place the car in park while simultaneously opening your door to exit
  - For this carrying position, place the shoulder strap over your head and around the back of your neck as if you were putting on a necklace.



## CARRYING POSITIONS: MTS OPEN

### Deployment Handle

- The optimal way to grip this handle is with a closed fist, palm facing the user.
- You can also grip the handle with a closed fist, palm away
  - This grip, while not “wrong,” will put additional pressure on the wrist
  - Your hand will have a tendency with this “palm-away” grip to rotate toward your body, reducing maximum coverage
- The primary principle when carrying the MTS in the open/deployed position is to place as much of your body behind the ballistic shield as possible.

## DEPLOYING THE MTS

There are two types of deployment:

- Emergency and pre-planned

### Emergency Deployment: Context

- An emergency deployment should be utilized when you are suddenly and unexpectedly confronted with an immediate threat. The threat could be any form of violence likely to result in death or serious bodily injury to yourself or others around you. For example:
  - Small arms or long-rifle fire
  - Edged weapons
  - Attacks with a blunt object

### Emergency Deployment: Procedures

- Place your hand palm-down on the MTS and slide your hand underneath the deployment handle
- Rotate your hand 45-90 degrees to a “thumbs up” position as you quickly lift the MTS up
- Using an explosive movement, move your forearm to a downward angle
  - This motion will allow the Velcro closures to disengage and therefore unfurl the MTS to the open and ready position for optimal coverage and protection from deadly threats.
- Once the MTS is open, utilize one of the two grips identified (palm facing user or palm away)

### Pre-Planned Deployment: Context

- The MTS can also be pre-deployed before a dangerous encounter. For example:

