

Interactive Multi Target Training System (i-M.T.T.S.)

User Guide

Introduction:

The i-MTTTS is an electronic targeting system for firearms training with Laser Ammo SureStrike™ cartridges, both red and IR. Using wireless communication, the set of targets will act out multi-target shooting drills to create a training system or may be used as stand-alone targets. The i-MTTTS is useful in practicing home defense, IPSC, tactical, or even combat training for law enforcement, while developing target recognition speed, firing accuracy, and "shoot/no-shoot" skills.



Safety precautions:

1. This product is suited for three 1.5V-AAA batteries. Do not use any other battery type.
2. This product is powered by three consumer grade alkaline non-rechargeable batteries.
3. Do not mix rechargeable and non-chargeable batteries. The device should be loaded with three batteries of the same type.

Note: Using the i-MTTTS not according to the user guide will void the warranty, and may cause the targets not to operate correctly.

i-MTTTS Controls and Indicators.

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|---------------------------|---------------------|
| 1. On/Off | 2. Hit Response |
| 3. Operation Mode | 4. On/Off Indicator |
| 5. Hit Response Indicator | 6. Mode Indicator |
| 7. Illumination LED | 8. Optic Sensor |



Operating Instructions:

1. Install batteries (3xAAA) on the underside of all i-MTTTS base units according to the markings.
2. Insert a target card of your choice from the provided target cards into the base unit.
3. Position the i-MTTTS targets, following these guidelines:
 - a. Minimum distance of 8" (~20cm) between any two targets.
 - b. Position with clear eyesight between targets. Maximal spread between full set of targets is about 20' (~6m). Range may be changed according to surrounding objects and environment.
 - c. Avoid placing targets against walls or any objects. Keep a minimal distance of 4" (~10cm) from the target to any wall or object.
 - d. Targets should be placed at least 3 feet (~1m) above floor level.
4. Turn on all the i-MTTTS targets by pressing the On/Off button (1).
5. Select Hit Response (2) as a 'beep', 'light' or both (default is both).
6. Select Operation Mode (3). **All targets must be set to the same operation mode.**
7. Start your drill.
8. When finished turn all targets off by pressing the On/Off button on each target.

i-MTTTS Operating Modes

1. **Stand Alone** (Mode Indicator off). Each target will respond to any hit. No communication between targets.
2. **Steel-Plate Shooting** (Mode Indicator 'A'). All targets will light up and then extinguish when hit. Targets will automatically re-set after hitting them all.
3. **"Chase the Ball"** (Mode Indicator 'B'). One random target will light up with bright-green color. Hitting the target will turn it off and another random target will turn on with bright-green color.
4. **Shoot/No-Shoot** (Mode Indicator 'C') – Targets will light up green or red for two seconds. Shoot only the green target that lights and move to the next random target that turns on green. Shooting a red target will result penalty.
5. **Double-Speed Shoot/No-Shoot** (Mode Indicator 'AB') – Advanced level of drill 'C', for faster shooters.




Additional Instructions:

1. This system is intended for use with up to 10 devices working together. Using more than 10 will affect the system reliability and reaction time.
2. Some environmental settings may affect the system reliability: placing devices far apart, having obstacles between any two targets (including the shooter), placing any target too close to the floor.
3. Direct sunlight or other very bright light source.
4. Low battery power, indicated by weak or different light color from indication LED. Buzzer and other indication lights will also be weaker as battery power drops.

Storage and Maintenance:

1. Always keep all devices off when in storage.
2. Store devices in cool and dry environment.
3. Avoid getting the devices wet or in contact with water or any liquid.

Specifications:

Power Supply	4.5VDC 
Batteries type	3xAAA / 1.5V alkaline non-rechargeable
Dimensions (base)	H 5.53" / 115mm L 2.91" / 74mm W 1.34" / 34mm

Certifications and Compliance:



FCC ID: 2AHUUMTTS1

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This device complies with Part 15 of the FCC Rules and with Industry Canada license exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation

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Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée sous les deux conditions suivantes :

- (1) l'appareil ne peut pas produire de brouillage, et
- (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the device.
- Increase the separation between devices.
- Consult the dealer or an experienced radio technician for help.

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Cet équipement a été testé et jugé conforme aux limites s'appliquant à un appareil numérique de classe B, conformément à la Partie 15 des réglementations de la FCC. Ces limites ont été élaborées pour offrir une protection raisonnable contre les interférences nuisibles dans une installation résidentielle. Cet équipement génère, utilise et peut émettre de l'énergie de fréquence radio et, s'il n'est pas installé et utilisé conformément aux instructions du fabricant, peut provoquer des interférences dangereuses pour les communications radio. Toutefois, rien ne garantit l'absence d'interférences dans une installation particulière. Si cet équipement provoque des interférences nuisibles au niveau de la réception radio ou télévision, ce qui peut être déterminé par la mise hors, puis sous tension de l'équipement, l'utilisateur encouragé à essayer de corriger les interférences en prenant les mesures suivantes :

- Réorientation ou déplacement de l'antenne réceptrice.
- Augmentation de la distance qui sépare l'équipement et le récepteur.
- Consultation du revendeur ou d'un technicien radio/télévision expérimenté pour obtenir de l'aide.



Warning: Changes or modifications to this equipment not expressly approved by the party responsible for compliance (Laser Ammo Ltd.) could void the user's authority to operate the equipment.

Warranty

Laser Ammo warrants that this product shall be free from material defects and defects in workmanship for a period of one (1) year from the date of the purchaser's receipt of the product. Notice of any warranty claim must be received by Laser Ammo, in writing, prior to the expiration of the warranty period.

Laser Ammo reserves the right to inspect the product before honoring the warranty.

Laser Ammo's warranty is limited solely to the above and applies only for the period set forth.

Laser Ammo will not be liable for any loss, damage, direct, incidental or consequential damages of any kind, whether based upon warranty, contract, negligence, or strict liability, or arising in connection with the sale or use of the product by the user or any third party.

Laser Ammo's warranty does not cover any damage to the product that results from improper installation, accident, abuse, misuse, natural disaster, insufficient or excessive electrical supply, abnormal mechanical or environmental conditions, or any unauthorized disassembly, repair, or modification.

This limited warranty does not apply to any product on which the original identification information has been altered, obliterated or removed.

Laser Ammo will, at its sole option, either repair or replace any part of the product that proves defective by reason of improper workmanship or materials.

In all events, Laser Ammo's maximum liability to the purchaser related to any warranty claim or defect with respect to the product shall not exceed the contract price for the specific product claimed to be defective or unsuitable, or alleged to have been the cause of any damage to the purchaser or any third party. The foregoing is in lieu of all other warranties, oral, expressed or implied, including, but not limited to, any implied warranties of fitness for a particular purpose.

The provisions of this section shall be applicable to both implied warranties (if any) and expressed warranties.