



# ADVANCED TASER

M-Series Operating Manual

Systems covered in this manual:

**M26 - Model 44000**

(Law Enforcement Only)

**M18L - Model 44001**

**M18 - Model 44002**

## **WARNING: READ THIS BEFORE USING**

The ADVANCED TASER® is a less-lethal weapon. It is designed to incapacitate a target from a safe distance without causing death or permanent injury. While the medical evidence strongly supports the ADVANCED TASER will not cause lasting after effects or fatality, it is important to remember the very nature of physical confrontation involves a degree of risk that someone will get hurt or may even be killed due to unforeseen circumstances and individual susceptibilities. Accordingly, the ADVANCED TASER should be treated as a serious weapon and should only be deployed in situations where the alternative would be to use other force measures which carry similar or higher degrees of risk.

### **GENERAL WARNINGS:**

NEVER POINT THE ADVANCED TASER® AT ANOTHER PERSON UNLESS INTENDING TO USE.

NEVER AIM THE ADVANCED TASER AT THE EYES OR FACE.

KEEP THE ADVANCED TASER OUT OF THE REACH OF CHILDREN.

ALWAYS REPLACE LOW BATTERIES.

AVOID DROPPING UNIT TO PREVENT DAMAGE.

KEEP HANDS AWAY FROM THE FRONT OF THE UNIT AT ALL TIMES UNLESS THE SAFETY IS DOWN IN THE "SAFE" POSITION AND THE ADVANCED TASER IS DEACTIVATED.

NEVER TILT THE ADVANCED TASER WHEN FIRING (unless you are firing at a target laying on his side).

IF GOING ON AN AIRPLANE, YOU MUST PUT THE ADVANCED TASER IN YOUR CHECKED LUGGAGE, IT CANNOT BE CARRIED ON BOARD.  
ALWAYS REPLACE AIR CARTRIDGES BY THE EXPIRATION DATE PRINTED ON EACH AIR CARTRIDGE.

DO NOT FIRE THE ADVANCED TASER NEAR FLAMMABLE LIQUIDS AND FUMES. THE ADVANCED TASER CAN IGNITE GASOLINE OR OTHER FLAMMABLES. SOME SELF-DEFENSE SPRAYS ARE FLAMMABLE AND WOULD BE EXTREMELY DANGEROUS TO USE IN CONJUNCTION WITH ADVANCED TASER.

THE ADVANCED TASER CAUSES TEMPORARY INCAPACITATION. THIS CAN BE DANGEROUS AND EVEN FATAL UNDER SPECIFIC CIRCUMSTANCES. FOR EXAMPLE, SOMEONE TASERED IN A SWIMMING POOL COULD DROWN AS THEY COULD NOT SWIM OR SUPPORT THEMSELVES. DUE TO POTENTIAL DANGERS, ONLY USE THE ADVANCED TASER WHEN ABSOLUTELY NECESSARY TO PROTECT YOUR LIFE, OR TO PREVENT INJURIES TO YOURSELF AND / OR OTHERS.

ALWAYS MAKE CERTAIN YOUR SAFETY IS DOWN IN THE SAFE POSITION WHENEVER YOUR ADVANCED TASER IS LOADED AND NOT INTENDED FOR IMMEDIATE USE.

WHEN CARRYING THE ADVANCED TASER, STORE IT IN A DESANTIS® ADVANCED TASER HOLSTER, OR AN ENCLOSED CONTAINER FREE FROM OTHER ITEMS WHICH MAY INTERFERE WITH OR UNLOCK THE SAFETY.

IT IS RECOMMENDED THAT YOU CARRY THE ADVANCED TASER ONLY IN A CERTIFIED HOLSTER OR CARRYING CASE. CONTACT THE COMPANY FOR DETAILS ON HOLSTERING ACCESSORIES.

DO NOT AIM THE ADVANCED TASER AT LAW ENFORCEMENT OFFICERS. BECAUSE THE ADVANCED TASER IS ABLE TO INCAPACITATE AN INDIVIDUAL, LAW ENFORCEMENT OFFICERS ARE GENERALLY PERMITTED TO USE LETHAL FORCE SHOULD SOMEONE AIM AN ADVANCED TASER AT THEM.

THE ADVANCED TASER COMES WITH A YELLOW COLORATION KIT. THIS KIT IS DESIGNED TO DISTINGUISH THE ADVANCED TASER FROM LETHAL FORCE. REFER TO YOUR DEPARTMENT'S POLICY TO DETERMINE IF YOU SHOULD APPLY THE KIT. FOR OFF DUTY USE, IT IS STRONGLY RECOMMENDED THAT YOU APPLY THE KIT IF YOU INTEND TO CARRY THE ADVANCED TASER OUTSIDE YOUR HOME, OR ANYWHERE YOU MAY ENCOUNTER LAW ENFORCEMENT OFFICERS. THE YELLOW KIT IS A COURTESY WHICH WILL ENABLE THEM TO RECOGNIZE THAT YOU ARE NOT CARRYING A FIREARM.

FOR MORE INFORMATION, VISIT OUR NEW WEBSITE AT

<http://www.TASER.com>

## WHAT IS THE ADVANCED TASER?

The ADVANCED TASER® is a Conducted Energy Weapon that utilizes compressed nitrogen to shoot two small probes up to 15 or 21 feet (21 foot cartridges sold to law enforcement agencies only). These probes are connected to the weapon by high-voltage insulated wire. When the probes make contact with the target, the ADVANCED TASER transmits powerful electrical pulses along the wires and into the body of the target through up to two inches of clothing.



The ADVANCED TASER is the third generation of TASER® technology conducted energy weapons. Conducted energy weapons use electrical energy to effect the signaling mechanisms used by the human body to communicate. This electrical output simply “jams” the communication system of the body. The ADVANCED TASER sends a series of electrical signals called TASER® Waves or T-Waves™ quite similar to those used by the brain to communicate with the body. Much like radio jamming, the T-Waves overpower the normal electrical signals within the body’s nerve fibers. The human target instantly loses control of his body and cannot perform coordinated action, falling to the ground.

### NEW ELECTRO-MUSCULAR DISRUPTION (EMD) vs. STUN TECHNOLOGY

There are two categories of conducted energy weapons: Stun weapons and Electro-Muscular Disruption (**EMD**) Weapons.

#### STUN WEAPONS

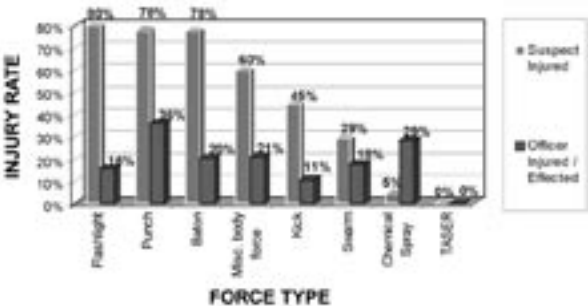
The original, first generation TASER was introduced in 1974. This system used a 7 Watt TASER-wave discharge to stun the target. Stun technology weapons operate in a 7-14 Watt range and interfere with the communication signals within the sensory nervous system of the target. Hence, they create a stun effect by overwhelming the nervous system with electrical interference. The brain, over-stimulated by the electrical energy, is stunned and the target is usually immobilized. These 7 Watt systems have an effectiveness rating of approximately 86%. TASER International introduced the second generation of TASER technology with a 7 Watt output in 1995: the AIR TASER 34000 series. The 2nd generation 34000 series improved on the 1st generation by reducing the size and weight by over 50%, adding battery level indicators, adding

an automatic discharge timer, and using compressed nitrogen as a propellant instead of gun powder. For more information on the 34000 series, contact your TASER International dealer or visit [TASER.com](http://TASER.com).

### ELECTRO-MUSCULAR DISRUPTION (EMD) WEAPONS

In 1999, TASER International introduced the 3rd generation of TASER technology with the ADVANCED TASER. Unlike the earlier 7-Watt stun systems, the ADVANCED TASER operates at over 14 Watts with a newly developed TASER-wave output. These higher-powered systems not only stun the target; they directly control the muscles, causing an uncontrollable contraction. Hence, conducted energy weapons with power output greater than 14 watts are designated as Electro-Muscular Disruption (EMD) weapons due to the fact that they directly control the skeletal muscles. This EMD effect causes an uncontrollable contraction of the muscle tissue, allowing the M-Series to physically debilitate a target regardless of pain tolerance or mental focus.

Prior to the launch of the M-Series, over 220 elite volunteers from SWAT teams, military Special Forces, and police agencies were hit with the ADVANCED TASER M-26 (26-Watt system) with a 100% incapacitation rate. Each individual was immobilized in less than 1/2 second. The ADVANCED TASERs are the first less-lethal weapons that can stop these focused, goal oriented individuals. All 3 generations of TASER technology operate at approximately 50,000 volts. However, the output power measured in watts is significantly different. The voltage may seem high, however, the ADVANCED TASER's output is well below a potentially dangerous level. Studies have shown there are no long-term effects from being shot by TASER technology. A study performed at the University of Southern California Medical Center concluded that in addition to its non-lethality, the TASER leaves 0% long-term injuries. (This test was conducted on the 7 Watt stun systems).



Field studies of TASER® technology have shown these less-lethal weapons can significantly reduce injuries to both suspects and officers. A leading field study of 7 Watt TASER Technology at the Los Angeles Police Department found TASER technology had the lowest rate of injuries to both officers and suspects

compared to all other force options studied. More information on this data available at <http://www.home.earthlink.net/~gregmeyer/injury.html>. Studies on over 5,000 human test volunteers of the ADVANCED TASER supported that the injury rate remains at 0% long term effects even at the full 26 Watt output.

## ADVANCED TASER'S FEATURES



### Battery Status Indicator:

When the Safety is activated, the ADVANCED TASER's intelligent electronics system automatically checks the battery to ensure it is fully charged (be careful not to touch the trigger with the safety "up" as the unit is armed). If the battery is charged, you will see a red flashing pulse or "heartbeat" indicating that the battery is good and that the unit is "alive" and ready to fire. If the pulsing light does not show, and the light is steady, the ADVANCED TASER will have enough energy to fire if you are in an emergency, but you should replace the battery as soon as possible. The battery check system is calibrated for DURACELL® ULTRA brand alkaline batteries. **The battery indicator will not function properly with rechargeables or other batteries.**

## Battery Indicator



**When you first arm the ADVANCED TASER, the light will pulse - even when the batteries are low. If the batteries are low, the light will stop pulsing and turn solid after about 3 seconds.**

Note: Even fresh batteries may appear low in cold temperatures. If the unit has been stored in a cold area, the indicator will show low batteries (and the batteries will not function at full strength until they are warmed up). For best results, make sure batteries are at a reasonable room temperature before checking battery status.

## Automatic Timing:

When the ADVANCED TASER is fired, it automatically fires the T-Waves for 5 seconds.

One of the top reasons for failure in the 1st generation TASER system was that officers would release the trigger switch (which stopped the power on the 1st generation system). Thus, the officer would mistakenly release power too quickly, before the target was immobilized. In the ADVANCED TASER, the unit runs automatically for 5 seconds to eliminate this issue. The operator can turn the unit off at any time by simply switching the safety back to the safe position.

## Built-in Laser:

The ADVANCED TASER M26 and M18L models come standard with a built-in laser. This laser will activate automatically when the safety is armed. The M18 model does not include the laser.

## Dataport:

In addition to providing the most effective takedown power available, the ADVANCED TASER M26 provides revolutionary weapon management technology. The M26 has a dataport located on the back of the unit. Every time the M26 is fired, it stores the time and date when it was fired. This data protects officers from claims of excessive use of force by providing complete and accurate documentation of the time and date for each firing. The M26 also provides law enforcement with a powerful management tool to track usage patterns and prevent misuse. Data downloads to any Windows® 95/98 compatible computer (special adapter cable required). For more



information on Data port download software and cables, contact your local dealer.

### AFID Cartridge Tracking:

Every time an Air Cartridge is fired, up to 40 small confetti-like ID tags called AFIDs are ejected. Each AFID is printed with the serial number of the cartridge fired, allowing departments to determine which officer fired the cartridge.

**AFID Tags**  
(Actual Size)



### HOW TO PREPARE THE UNIT: INSTALLING THE BATTERIES

The ADVANCED TASER® runs on 8 standard AA alkaline batteries. **Only use DURACELL ULTRA brand batteries in the ADVANCED TASER or TASER® brand NiMH rechargeable batteries.** Do not use regular Duracells -- make sure you are using the DURACELL ULTRA. Look for the blue band around the battery to ensure you have the Ultra. The ULTRA battery performs significantly better than any other battery tested.

Different battery brands actually vary in size. The battery magazine in the ADVANCED TASER is precisely engineered for the DURACELL ULTRA AA battery. Do not use any other brand.

**Before installing the batteries, make sure the safety is in the SAFE position and that the ADVANCED TASER is unloaded (i.e. no cartridge is installed).**



Look for the blue band to ensure DURACELL ULTRA AA batteries.



SAFE



ARMED



To load the batteries, simply depress the battery cover lock pin with a handcuff key or pen and slide the battery cover forward, out of the handle. Remove the battery magazine from the handle.



Loading the battery magazine: The battery magazine has a special design with springs at both ends. This provides better battery performance. To load the batteries, follow the picture inside the magazine bays for orientation. First, load the ends of the batteries towards the springs as shown below forming a "V", then push the two batteries together into place.

Be careful not to damage springs in the process of loading batteries.

After loading the batteries into the battery magazine, reinsert the magazine into the handle with the metal contacts facing up into the handle.

**NOTE:** The battery magazine will form to the shape of the battery you are using. There are differences in the sizes between brands and types of batteries. Once you use one type of battery, do not change to another type of battery unless you get a new battery magazine. If you change to a different brand of batteries, they may not make contact properly in the battery tray, causing a possible malfunction.

1.



2.



3.



The magazine will not load fully into place unless inserted correctly. Finally, while holding the magazine in place with your thumb, slide the cover back in place. You may have to depress the cover lock again to allow the cover to slide over it. Once the battery is in place, you can test to make sure it is in correctly by activating the battery checker. **WARNING: AS SOON AS THE SAFETY IS ARMED, THE UNIT IS LIVE, SO BE CAREFUL. DO NOT PUSH THE TRIGGER SWITCH UNTIL YOU HAVE READ FURTHER.** To activate the battery checker (make sure it is pointing in a safe direction -- away from people), simply flip up the safety. If the battery is in place correctly, you will see a flashing red pulsing light on the back of the unit above the dataport.



## **HOW TO HOLD THE ADVANCED TASER**

1. Always keep your fingers away from the front of the unit unless the safety is locked down in the safe position and the flashing heartbeat light is out. Never put your fingers on the shaded area shown in the illustration and never try to remove an Air Cartridge unless the Safety is in the “down” position. This area will emit T-Waves whenever the unit is firing, so do not touch this area or you could get stunned. **ALWAYS HAVE THE SAFETY LOCKED DOWN IN THE SAFE POSITION BEFORE REMOVING AIR CARTRIDGES OR TOUCHING A LOADED AIR CARTRIDGE.**

2. Next, test fire the unit **WITHOUT** the Air Cartridge in place. Make sure the unit is unloaded. If the unit is not loaded with an Air Cartridge, it will function as a “Stun Gun.” To demonstrate the Stun Gun feature:

A. Hold the unit with fingers away from the front area.

B. Flip up the safety to the armed position. Before pressing the Trigger Switch, remember the unit will fire for 5 seconds automatically unless you flip the safety down to turn it off.

C. Press the Trigger Switch.

D. Flip down the safety to turn the ADVANCED TASER off. Once the unit has fired for a second or two, we suggest you flip the safety down to the off position. Do not allow the unit to go through the entire timing cycle as this will deplete the batteries unnecessarily.

## LOADING THE AIR CARTRIDGES

AS SOON AS THE ADVANCED TASER IS LOADED WITH AN AIR CARTRIDGE, IT WILL FIRE AT THE TOUCH OF THE TRIGGER SWITCH IF THE SAFETY IS UP. TREAT IT VERY CAREFULLY. DO NOT POINT AT PEOPLE UNLESS INTENDING TO FIRE. The Air Cartridges are very easy to load and unload. To load, simply take an Air Cartridge and snap it into the front of the unit. The photograph below shows the AIR TASER model 34000 being loaded with an AIR CARTRIDGE -- the ADVANCED TASER loads the same way.

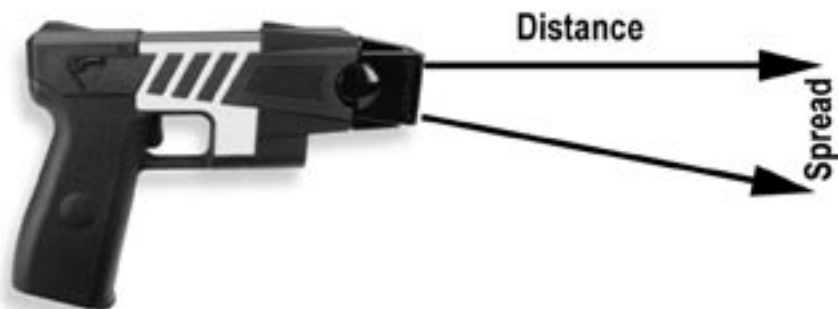


The Air Cartridge has been specifically designed so there is no “up” or “down” position - enabling you to quickly reload it in a stressful situation without worrying about putting it in upside down.

To unload the Air Cartridge, first make sure the Safety is down in the safe, locked position. If you touch the Air Cartridge while the unit is firing, you will be zapped by the stun gun on the front. Once you have pushed the Safety down, simply squeeze on the two round release buttons on the side of the Air Cartridge and pull it out. You can now reload with another Air Cartridge. It's that simple. The probes, the compressed air, and the TASER® wire are all contained in the Air Cartridge -- all you have to change is the Air Cartridge to be ready to shoot again! NEVER ATTEMPT TO OPEN AN AIR CARTRIDGE PRIOR TO FIRING -- THEY ARE DESIGNED TO BE FIRED BY THE POWER HANDLE ONLY AND TAMPERING WITH A LIVE AIR CARTRIDGE COULD CAUSE IT TO FIRE OR MALFUNCTION.

**PRACTICE FIRING**

1. Set up the target in a location where there are no hard objects. Set up a practice target on a cardboard, corkboard or dry wall area or use a firing range. Make sure there are no metal objects behind the target or right around it that could cause a ricochet.
2. Learn to judge 21 feet. It is much farther than most of us imagine. Get a tape measure and measure out 21 feet from the target. In most rooms, you will not be able to get that far away. This is more than enough distance to keep an attacker well away from you. However, know your limits and never fire the ADVANCED TASER at a target more than 21 feet away. The optimum range for the ADVANCED TASER is 7 - 10 feet. If possible, try to fire the ADVANCED TASER when your target is between 7 and 10 feet away for best results. For practicing, 7 feet is the best distance. From the target, take 2-3 large paces back. In a real confrontation, you should always try to fire the ADVANCED TASER from at least 3 feet away from the target. While it will work from 0-21 feet, it is better to give the probes a little room to spread apart as they come out. So, always try to fire while the attacker is still at least 3 feet away.
3. Always hold the ADVANCED TASER level when firing. NEVER TILT THE UNIT SIDEWAYS. The ADVANCED TASER fires out 2 probes. The first probe will go where you are aiming (center of the chest). The second probe is aimed slightly down (8 degree down angle) so the probes spread apart and can inject T-Waves into a greater area of the target, making it more effective. If you tilt the ADVANCED TASER, it will misdirect the bottom dart.



Distance to Target	2 ft	5 ft	7 ft	10 ft	15 ft	21 ft	
Spread		3"	8"	12"	17"	25"	35"

4. Use the physical sight on the top of the ADVANCED TASER to aim similar to a firearm. Or, simply use the laser sight to aim. However, it is important that you learn to aim without the laser sight in case you need to deploy the ADVANCED TASER in bright lighting conditions where the laser dot may not be visible.

5. Fire. Flip up the safety (notice the flashing red light indicating the unit is armed). Next, aim at the center of the chest of the target and press the Trigger Switch. There will be a popping sound, but there is no “recoil” (you will not feel any kick from the ADVANCED TASER as it fires). Notice the T-Waves on the surface of the practice target. The T-Waves will not be visible in a real confrontation because they are absorbed by the body of the target. When you are ready, flip down the safety before removing the Air Cartridge. **AGAIN, ALWAYS KEEP YOUR FINGERS AWAY FROM THE FRONT OF THE ADVANCED TASER UNLESS THE SAFETY SLIDE IS IN THE DOWN POSITION. NEVER ATTEMPT TO REMOVE THE YELLOW BLOW OFF DOORS ON THE AIR CARTRIDGE.** For replacement Air Cartridges, please contact your ADVANCED TASER dealer or call 1-800-418-0283 or 1-800 97-TASER (1-800-978-2737) for ordering information. Accessories are available for your convenience in carrying or storing the ADVANCED TASER. For details, see your dealer.

## **USING THE STUN GUN BACKUP**

To use the stun gun **AFTER FIRING** an Air Cartridge, press down the Trigger Switch (make sure the Safety Slide has been pushed up) to ensure the unit is active, then press the front of the ADVANCED TASER firmly against the body of an assailant. After the unit is fired, it does not matter whether the Air Cartridge is in or not. The ADVANCED TASER works as a stun gun with or without the Air Cartridge in place. Even with the Air Cartridge in place, the metal prongs on the front of the ADVANCED TASER will deliver T-Waves directly to the body of the target.

If the attacker is in front of you, you should attempt to press the ADVANCED TASER right into the center of his chest, or into the nerves under his chin. Note: If the attacker is touching you, the T-Waves will not transmit to you from the attacker. The T-Waves directly travel between the two probes.

## **QUICK REVIEW OF HOW TO USE THE ADVANCED TASER:**

1. Arm the device by flipping up the safety.
2. Aim for the center of the chest of the subject.
3. Fire -- simply press down the Trigger Switch to fire the probes.
4. If the subject is not down or there are multiple subjects (or you are attacked from behind), hold the unit firmly and prepare to use it as a stun gun. The ADVANCED TASER can be used as a stun gun with the used Air Cartridge still in the power handle or with the cartridge out of the power handle. However, if there is an unused cartridge in place, you cannot use the ADVANCED TASER as a stun gun because it will fire the probes when activated. Once the probes have been launched you can use the ADVANCED TASER as a stun gun.

## WHEN TO USE THE ADVANCED TASER

The ADVANCED TASER is a serious, state of the art, defensive weapon and should be treated accordingly. Although the unit is designed to be as nonviolent as possible in stopping a combatant, its use can result in serious injuries such as getting a probe stuck in an eye, or injuries related to falling. Be sure, however, not to fire at a subject who is beyond the maximum range of the cartridge (21 ft. for law enforcement, 15 ft. for regular cartridges). If you do fire at someone beyond maximum range, the probes will not have sufficient TASER® wire to reach the target. LAW ENFORCEMENT OFFICERS REFER TO YOUR DEPARTMENT'S USE OF FORCE POLICY.

## WHERE TO KEEP THE ADVANCED TASER

While the ADVANCED TASER should be kept somewhere accessible so you can get to it quickly, it must also be kept well away from children if you are storing it at home off duty. In general, we recommend you treat the ADVANCED TASER exactly as you would a gun -- find a place to store it or keep it so it is accessible only to you, but not to children or other people unfamiliar with its use. TASER International, Inc. offers a series of accessories such as belt holsters and car clips which can help you keep your ADVANCED TASER accessible and ready for convenient use.

## TEMPERATURE RANGE

Simple rule -- only leave the ADVANCED TASER somewhere you would leave a police dog. It is designed for temperatures from 20 degrees to 114 degrees. The temperature limitations for the ADVANCED TASER are a function of the battery performance. Battery performance is severely deteriorated below freezing temperatures. Much like a dog, you should not leave it in the car in Alaska in the winter nor in your trunk in Arizona in the summer. Extreme temperatures can cause damage to batteries. Extreme cold does not affect the M26 itself nor the cartridges, but it will cause the batteries to lose power.

## HOW TO MAINTAIN THE ADVANCED TASER

The ADVANCED TASER has been designed for ease of maintenance. Aside from storing the ADVANCED TASER in moderate temperatures, you must keep a set of 8 fresh **DURACELL® ULTRA AA alkaline batteries** in the unit at all times. Always replace low batteries as indicated by the a steady light instead of a flashing light on the back of the unit. Also, replace spent cartridges and always be careful to throw out used Air Cartridges where the sharp probes will not injury anyone. Each Air Cartridge has been printed with an expiration date. This date is intended as a safety guideline after which time the Air Cartridge should be replaced. At the time of expiration (normally after 5 years) be sure to fire off the Air Cartridge before disposing of it. Never throw out a "live" Air Cartridge, and especially not into a fire as this could cause the Air Cartridge to explode. After the expiration date, the cartridge needs to be replaced and

a fresh cartridge used. This procedure helps to maintain the system for top performance. Never attempt to pry the doors off an Air Cartridge or pry open an ADVANCED TASER.

## **ADVANCED TASER: EFFECTIVE TAKEDOWN POWER**

TASER® technology is so highly effective because the electrical signal penetrates the nervous system regardless of the placement of the probes. The entire human body is covered by the neural net which the ADVANCED TASER uses to knock out the target. Because the T-Waves can penetrate approximately 2 cumulative inches of clothing, the probes do not have to penetrate the flesh or cause bodily harm to be effective.



For a bullet to be instantly effective, it must hit a vital organ such as the heart or brain. Similarly, chemical sprays such as pepper sprays must hit an assailant in the face -- no easy task in fast moving confrontations. The ADVANCED TASER can be used more effectively and with less training than most other less-lethal technologies.

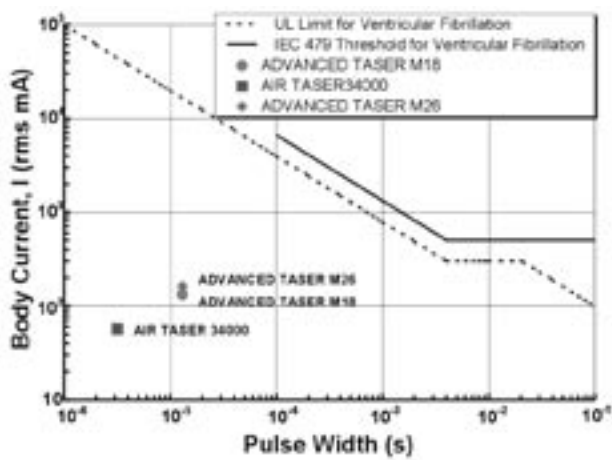
## **EFFECTIVENESS ON ANIMALS:**

The nervous systems of animals are greatly different than human beings. The ADVANCED TASER is designed to be effective on a human attacker. Accordingly, it will not be as effective at incapacitating an animal as it is on a human being. The ADVANCED TASER should not be used as sole protection from wild, uncontrollable, or attacking animals. (However, the ADVANCED TASER has been found to be effective against most animals in actual field use).

# THE SAFETY RECORD

Because the TASER® Wave “jams” the communication system of the body, it does not need to cause bodily injury to be effective. It is the nature of the signaling effect within the nervous system that makes it effective. The graph below uses internationally recognized safety guidelines for electrical currents. The safe area is considered safe electrical exposure for 2 year old child or a 75 year old man. Notice the ADVANCED TASER’s output is less than 1/100th of a potentially dangerous level.

## ELECTRICAL SAFETY LEVELS



Studies have confirmed there are no long term effects from being hit by a TASER. A study performed at the University of Southern California Medical Center concluded that in addition to its non-lethality, the TASER® leaves 0% long term injuries. This compares quite favorably to the data in the same study concerning the .38 Special handgun. Only 50% of those shot with a .38 Special survived and of those, 100% had permanent injuries. While all of the field studies to date have been conducted with 7 Watt stun systems, the pre-release testing of the ADVANCED TASER on both human and animal subjects indicates that the ADVANCED TASER’s enhanced EMD output also leaves no lasting effect. Further, the TASER® output will not damage an implanted pacemaker. Pacemakers are designed to withstand the pulses of electrical defibrillators hundreds of times stronger than TASER® pulses.



## LEGALITY

The Bureau of Alcohol, Tobacco, and Firearms (ATF) has classified the ADVANCED TASER as a non-firearm because it uses compressed air, rather than an explosive to launch the projectiles. Because the ADVANCED TASER is not a firearm:

It can be carried for off duty use without a permit. (check state laws)

It can be purchased through mail order from leading law enforcement catalogs and direct shipment.



The ADVANCED TASER restricted from off-duty use in the following states: Washington DC, Hawaii, Massachusetts, Michigan, New Jersey, New York, Rhode Island, and Wisconsin.

Please check local county, city, and state laws regarding the purchase and use of the ADVANCED TASER in your area.

## SPECIFICATIONS

**Effectiveness:** In pre-release testing, the unit incapacitated 100% of the 220 test subjects.

**Long Term Effects:** None (except for potential eye injuries or injuries related to falling).

**Range:** 21 feet.

**Optimum Performance:** 7 - 10 ft.

**Backup if probes miss:** If 2 launched probes missed, there are 2 stun electrodes on the front of the unit which can be used as a stun gun.

**Automatic Impulse Regulation:** Once the probes are launched, unit stays active for 5 seconds to keep target reliably down.

**Thickness of Clothing:** Up to 2 inches of cumulative clothing, even leather jackets.

**Recovery Time:** Varies by individual -- generally several minutes.

**Battery Low Indicator:** Yes.

**Safety:** Prevents accidental firing.

**Temperature Range:** 20 - 114 Degrees Fahrenheit.

**Warranty:** Lifetime \$25 replacement warranty

**Weight:** 18 ounces (with battery).

**Battery:** 8 AA DURACELL® ULTRA alkaline batteries.

**Patents:** U.S. #5,078,117, 5,771,663. Others pending U.S. and worldwide.

**T-Wave Output:** 50 KV Peak 1.76 J per pulse

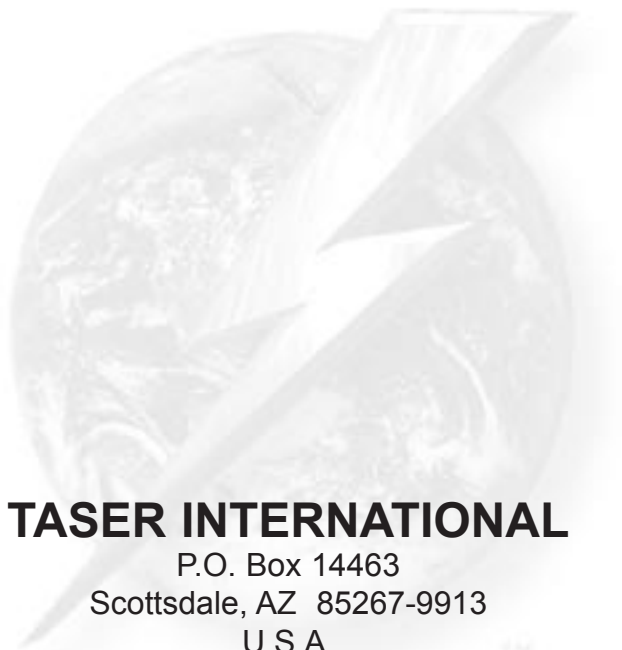
**M18 and M18L:** 10 pulses per second, 18 Watt output

**M26:** 15 pulses per second, 26 Watt output

## ADVANCED TASER ONE YEAR WARRANTY

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