



TASER Axon Mic User Manual



Model AX1004



IMPORTANT SAFETY INSTRUCTIONS

Read all warnings and instructions. Save these instructions.

The most up-to-date warnings and instructions are available at www.TASER.com

MMU00## Rev: X1

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Chapter 1: Introduction

What Is the Axon Mic?

The Axon Mic is an audio recording device. This microphone is designed for use in tough environmental conditions encountered in law enforcement, corrections, military, and security activities. The Axon Mic is designed to record events for secure storage, retrieval, and analysis via Evidence.com services. The recorded events are transferred to your storage solution via the Axon Dock, Axon View XL, or by using Evidence Sync software installed on a Windows computer.

The Axon Mic has 2 operating modes designed to accommodate the needs of law enforcement, corrections, security, and the military. The default mode, or BUFFERING mode, ensures the microphone is ON and ready to record prior to the user activating the EVENT mode.

Important Safety and Health Information

Read, understand, and follow all warnings and instructions before using this product. The most up-to-date warnings and instructions are available at www.taser.com.

Additional Reading

This manual explains how to operate the Axon Mic hardware. Other manuals cover additional aspects of the Axon Mic and Axon Fleet system. These documents are available at www.taser.com.

The Axon Academy website explains how to register for the Evidence.com website, configure settings, install Evidence Sync software, assign personnel to devices, recharge your device, and transfer audio from an Axon device to a computer. Visit academy.axon.io/.

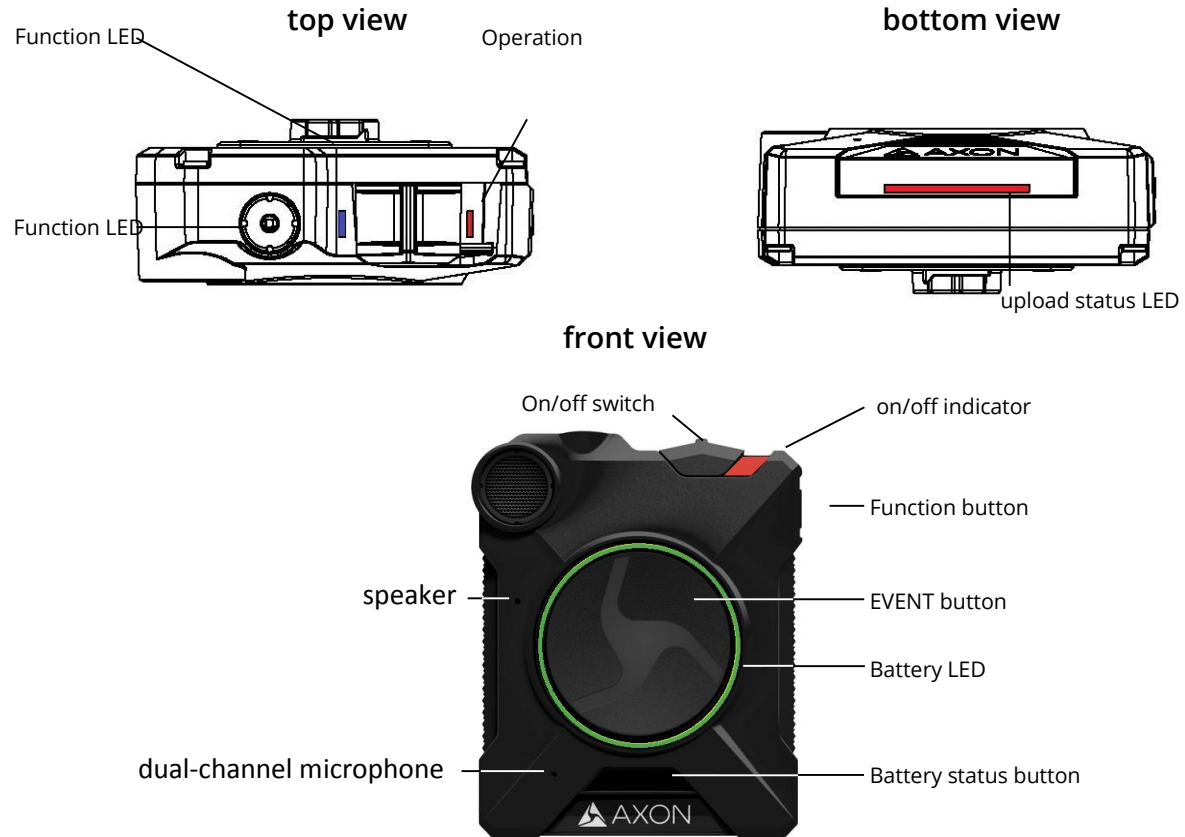
Detailed instructions for using Axon devices and other TASER products with Evidence Sync are available in the Evidence Sync User Manual.

If you have an Axon Dock, see the *Axon Dock Quick Start Guide* for how to transfer information and recharge your Axon Mic.

The *Axon View XL Manual* provides instructions for using your mobile data terminal (MDT) with your Axon Fleet system.

Chapter 2: Getting to Know Your Axon Mic

The Axon Mic includes physical controls to enable audio capture while providing visual, audible, and vibration notifications of the Axon Mic’s state of operation.



Operation LED

Shows the Mic’s current operating mode (for Battery status, see the battery LED, described below).

Operating Mode	Operation LED
Recording Recovering interrupted video*	Blinking Red
Buffering	Blinking Green
Booting up/powering down Error state**	Solid Red

* When the Function LED also is blinking red.

** When the Function LED also is solid red.

Function LED

Shows when certain functions are enabled.

Function Enabled	Function LED
Mute	Blinking blue
Device error*	Solid red
Bluetooth feature is booting up	Solid blue
Wireless accessory configuration (WAC)	Blinking magenta

* Use the power switch to turn the Mic off and on.

Connection Socket – Enables data transfer and recharging. **On/Off Switch** – Turns the Mic's power on or off.

On/Off Indicator – When the Mic's power is turned on, the red portion is exposed. When the Mic power is turned off, the red portion is covered from view.

Speaker – Provides audio notifications.

Function Button – Used in device pairing, to mute the device, and to add markers to the audio as it is recorded.

EVENT Button – Used to start and stop recording. (Double-press to start; hold for 4 seconds to stop recording.)

The Mic might take several additional seconds to close out of the video when it is powered off before stopping an event.

Battery Status Button – When pressed, the Battery button lights up the Battery LED, which momentarily indicates the remaining battery capacity only (it does not indicate the operating mode).

Battery LED

When lit, momentarily indicates the remaining battery capacity (it does not indicate the operating mode).

Battery Status	Battery LED
Battery capacity is 41–100 percent	Green
Battery capacity is 20–40 percent	Yellow
Battery capacity is less than 20 percent	Red during operation; flashing red and yellow during charging
Battery is critically low	Blinking red and yellow

When you turn the Mic on, the Operation LED turns solid red until the system is ready to use. Then the Operation LED blinks green (BUFFERING mode) and the Battery LED goes out.

Dual-Channel Microphone – For audio recording.

Upload Status LED

Indicates status when the Mic is uploading data to the Evidence.com website via the Axon Dock.

System Status	Upload Status LED
Initial connection (momentary)	Solid red (for 20 seconds or fewer)
In queue awaiting upload	Solid yellow
Device ready (all videos uploaded successfully) and fully charged	Solid green
Device not assigned, agency mismatch, or device error	Blinking red
Uploading data	Blinking yellow – DO NOT remove the Mic from the Axon Dock
Firmware update, internal battery charging, extremely low battery, or memory full	Blinking red and yellow – DO NOT remove the Mic from the Axon Dock
Transfer error, device re-trying to transfer	Blinking green and yellow
Network error (no connection)	Blinking red, yellow, and then green (cycling all)
Axon Dock has no communication with the device. Contact TASER customer service.	LED off

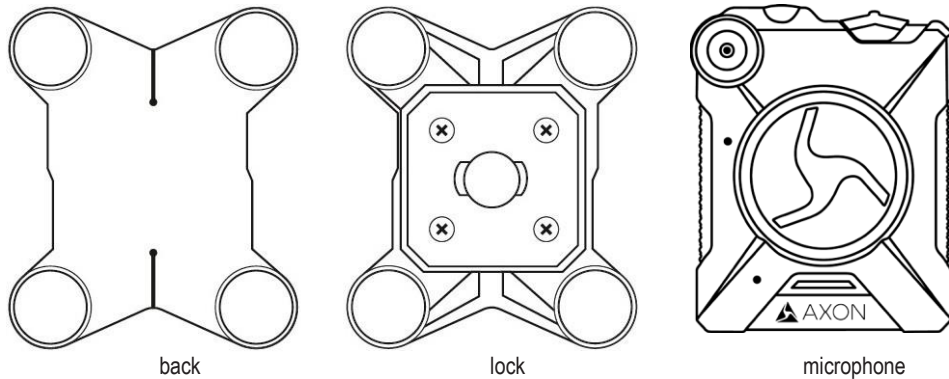
Pressing buttons causes the Axon Mic to emit audio alerts (beeps) to indicate system actions. See *Chapter 4: Notification Reference Tables* for more information.

Accessories

The Axon Mic is designed to work with the new Axon RapidLock mounting system. The RapidLock mounting system consists of the attachment piece (called the key) on the device and the various mounting options including the attachment receiver (called the lock). To engage the Axon RapidLock, insert the key of the device into the lock of the mount and turn it 90 degrees counterclockwise (when you are looking straight at the mount). To release the Axon Mic from the mount, turn the Axon Mic 90 degrees clockwise.

The various mounts that use this system can be used with a wide variety uniforms, and holds the Axon Mic to your shirt, patrol vest, jacket, or belt.

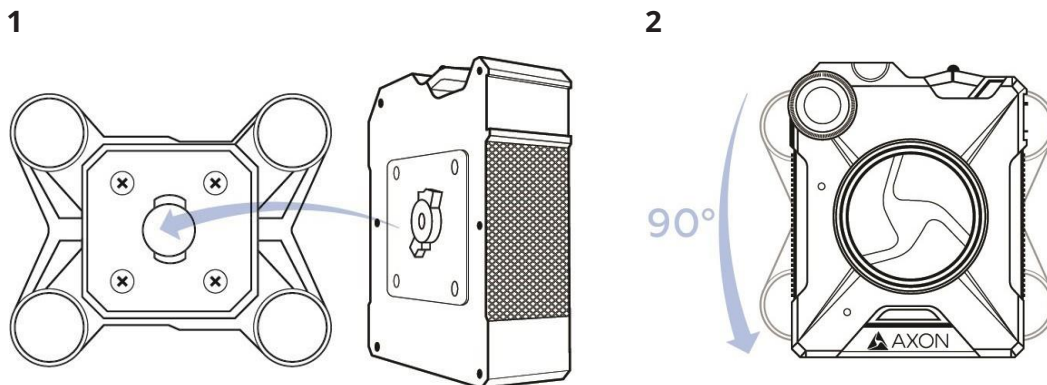
Parts



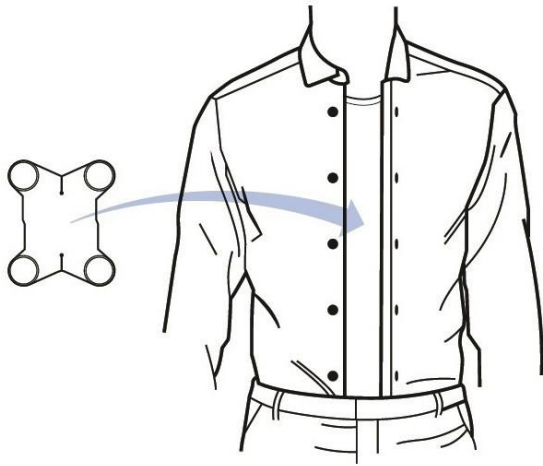
Assembly and Use

Read **Important Safety and Health Information (Chapter 1)** before performing these steps.

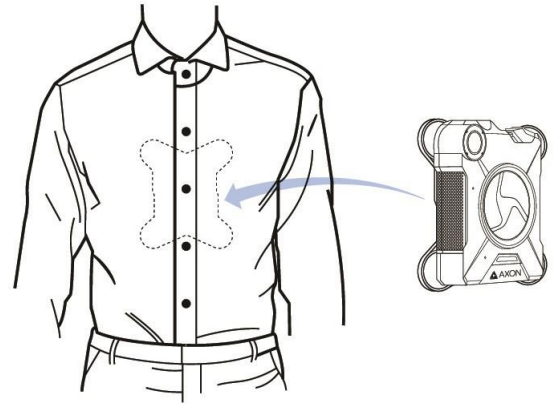
- 1 Insert the key on the back of the Axon Mic into the lock.
- 2 Twist the RapidLock mount counterclockwise, 90 degrees.
- 3 Place the magnetic back underneath the shirt, patrol vest, or whatever you are using.
- 4 Hold the back in place, and place the RapidLock mount over the back. Magnetic attraction will hold the microphone in place.



3



4



Chapter 3: Recording with the Axon Mic

Operating Modes

The Axon Mic has 2 operating modes:

- 1 BUFFERING (turning on the device and starting pre-event buffering)
- 2 EVENT (event recording)

BUFFERING Mode (Turning on the Microphone)

- Move the ON/OFF switch on the Axon Mic to the ON position.



With the microphone turned on, the Axon system is in the BUFFERING mode. When BUFFERING begins:

- The Operation LED on the Axon Mic will blink green.
- By default, audio in the BUFFERING mode is OFF.
- The Mic will not be capturing anything unless the agency has configured “audio in buffer” ON, and will not record to permanent memory while in BUFFERING mode.
- When configured at the agency level to be ON, buffered audio duration is 30 seconds by default (00:00:30).

When you activate the EVENT mode, the buffered audio (if this feature is enabled at the agency level) captured directly before the event, up to 30 seconds, will be saved and attached to the event in permanent memory. This feature is intended to capture the audio of an incident just before your activation of EVENT mode.

With default settings, the system does not capture audio in BUFFERING mode, so anything recorded in that mode will be video-only. Buffering mode starts only after

the Axon Mic is turned on. The system does not record when the microphone is turned off.

Notes:

- An agency can turn off the BUFFERING mode. If your agency has deactivated the BUFFERING mode, your Axon system will operate the same way as described in this manual, but the device will not record any audio until you double-press the EVENT button.
- An agency can extend the BUFFERING mode's duration to 2 minutes total (00:02:00).
- An agency can configure the BUFFERING mode so it records audio.

EVENT Mode (Starting Recording)

- 1 When you need to record, quickly double-press the EVENT button on the device.

The system now records audio. If "audio in buffer" is configured to be on, the "buffered" audio directly preceding the event will be saved and attached to the event recording. (Remember, with default settings, the buffer will not contain audio.) The moment you double-press the EVENT button, audio will be recorded from the microphone and GPS coordinates (if the system is paired to a GPS-capable smart phone) will be recorded. This will continue throughout the duration of the recording until you terminate the recording.

The Axon Mic provides you with indications that it is recording in EVENT mode:

- At the start of an event and every 2 minutes during an event, the system will beep twice.
- The Operation LED on top of the device will blink red.

- 2 To stop recording and return to BUFFERING mode, press and hold the EVENT button for approximately 4 seconds. The system will beep once (with a long tone).

- 3 To end a recording and turn off the system, move the on/off switch to the "off" position. When you end a recording with the on/off switch you will not go into BUFFERING mode; instead the system will turn off completely.

Note: An event not recorded by the microphone cannot be played back or downloaded to your computer.

Adding Markers to Recorded Audio

The Function button also can be used to add a marker to recorded audio that will show when the video is replayed on Evidence.com and documented in the audit trail for the device. Markers are most useful for documenting a moment that you will want to jump to

quickly at a later time when re playing the video. If you want to add a marker to a video while you are recording:

- Press and release the Function button within 1 second.

Battery Status

Press the Battery button to determine the percentage remaining in the battery. See *Chapter 2: Getting to Know Your Axon Mic* for details on the Battery LED functions.

Configuring Your Axon Mic

Adjusting the Audio Prompt Volume

- 1 Connect the Axon Mic to the Evidence Sync application.
- 2 Select the device settings.
- 3 Select the desired volume settings for the audio beeps recorded by the device.

The volume has 4 settings. At each level, the Axon Mic beeps, providing you with a sample of the volume:

- Low
- Medium
- High
- Off

Turning off the Microphone LEDs (Stealth Mode)

For some situations, you may wish to turn off the lights on your Mic. You can turn off the lights through the Evidence Sync software or by using the Battery button. To turn the lights off using the Battery button:

- Press and hold the Battery button for 10 seconds.

To turn the lights back on:

- Press and hold the Battery button for 10 seconds.

To use Evidence Sync:

- 1 Connect the Axon Mic to the Evidence Sync application.
- 2 Select the device settings.
- 3 Select the option to turn off the device LEDs.

- The Operation LED flashes red, yellow, and then green before shutting down the lights.
- Pressing the Battery button will momentarily light both the Operation LED and the Battery LED, displaying the current operating mode and battery level. For interpreting the LED colors, see *Chapter 2: Getting to Know Your Axon Mic*.

To turn the lights back on:

- 1 Connect the Axon Mic to the Evidence Sync application.
- 2 Select the device settings.
- 3 Select the option to turn on the device LEDs.

Other Settings

Your organization's administrator can further configure your Axon Mic with these features:

- Pre-event buffer of up to 2 minutes
- Axon Signal-enabled Bluetooth wireless technology

Chapter 4: Notification Reference Tables

Audio Prompts

The Axon Mic emits beeping sounds called “audio prompts” to notify you of the system status. These audio prompts usually occur after you perform an action with the microphone. These audio prompts are accompanied by a vibration that matches the beeps.

Operating Mode	Audio Notification	Haptic Notification
Powering on or off	One beep	Once
Recording an event	Two beeps (every 2 minutes)	Twice (every 2 minutes)
Press the Battery button while the device is recording	Two beeps	None
The device is ending an event and re- turning to BUFFERING	One long beep	Once, long-duration
The battery is at 20 percent capacity or lower	Four quick beeps (every 5 minutes)	Four times, quickly, every 5 minutes
The device’s memory is full	Three beeps. The device will not start recording.	Three times

LED Status

Operation LED

Operating Mode	Operation LED
Recording Recovering interrupted audio recording*	Blinking Red
Buffering	Blinking Green
Booting up/powering down Error state**	Solid Red

* When the Function LED also is blinking red.

** When the Function LED also is solid red.

Function LED

Function Enabled	Function LED
Mute (no audio capture)	Blinking blue
Device error*	Solid red
Bluetooth feature is booting up	Solid blue

Function Enabled	Function LED
Wireless accessory configuration (WAC)	Blinking magenta

* Use the power switch to turn the Axon Mic off and on.

Battery LED

Battery Status	Battery LED
Battery capacity is 41–100 percent	Green
Battery capacity is 20–40 percent	Yellow
Battery capacity is less than 20 percent	Red during operation; flashing red and yellow during charging
Battery is critically low	Blinking red and yellow

Upload Status LED

System Status	LED Indication
Initial connection (momentary)	Solid red (for 20 seconds or fewer)
In queue awaiting upload	Solid yellow
Device ready (all files uploaded successfully) and fully charged	Solid green
Device not assigned, agency mismatch, or device error	Blinking red
Uploading data	Blinking yellow – DO NOT remove the device from the Axon Dock
Firmware update, internal battery charging, extremely low battery, or memory full	Blinking red and yellow – DO NOT remove the device from the Axon Dock
Transfer error, device re-trying to transfer	Blinking green and yellow
Network error (no connection)	Blinking red, yellow, and then green (cycling all)
Axon Dock has no communication with the device. Contact TASER customer service.	LED off

Chapter 5: Axon Signal Operations

Axon Signal technology is included with the Axon Fleet cameras and microphone device. However, your agency's administrator must have activated the Axon Signal capability for it to work.

When it is active, Axon Signal technology takes your devices from BUFFERING to EVENT mode automatically.

Emergency vehicles can be equipped with an Axon Signal Unit (ASU). With light bar activation, or other activation triggers, the ASU sends a signal to your Axon devices. Upon processing this signal, your Axon devices transition from BUFFERING to EVENT mode. When your device starts recording, you will hear two beeps.

The ASU has a range of approximately 30 feet (9.1 meters). Another vehicle's light bar activation may cause your Axon devices to start recording if the light bar is equipped to do so.

The ASU can only send a signal to tell the device to start recording. Axon Signal technology does not end recording. If a light bar is turned off, the device will continue to record.

The ASU cannot turn an Axon system on. If the Axon devices are turned off, they will not record even if an ASU sends an activation signal.

Chapter 6: Care and Maintenance

Cleaning the Axon Mic

Use a soft, damp cloth to clean the surface of the Axon Mic. Do not use harsh cleaners or solvents. Do not immerse the Axon Mic in water or cleaning solutions.

Charging the Battery

A fully charged device battery should provide enough power for approximately 12 hours of normal operation. Recharging a battery after a 12-hour use can take up to 6 hours if you are recharging your Axon Mic from a wall outlet or Axon Dock. Recharging could take considerably longer if you are recharging from a computer.

If the battery depletes significantly during use, you will hear 4 quick tones repeating every 5 minutes. This message indicates that less than approximately 20 percent of the battery capacity remains.

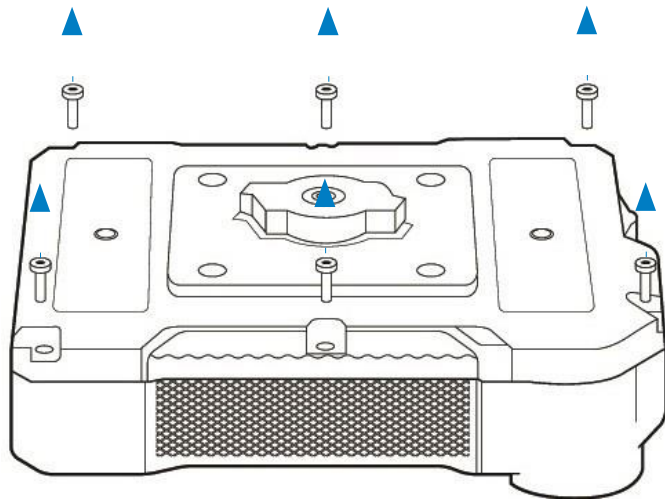
Always recharge a depleted battery as soon as reasonably possible. You can use an Axon Dock, wall charger, or computer to charge the battery. Using a non-TASER approved wall charger may degrade device performance and will void the warranty.

If the Axon Mic is to be stored for a long time, the Battery LED should be yellow when you put the camera in storage. After an Axon Mic has been stored 6 months, the device should be run until the battery is depleted and then the battery should be recharged.

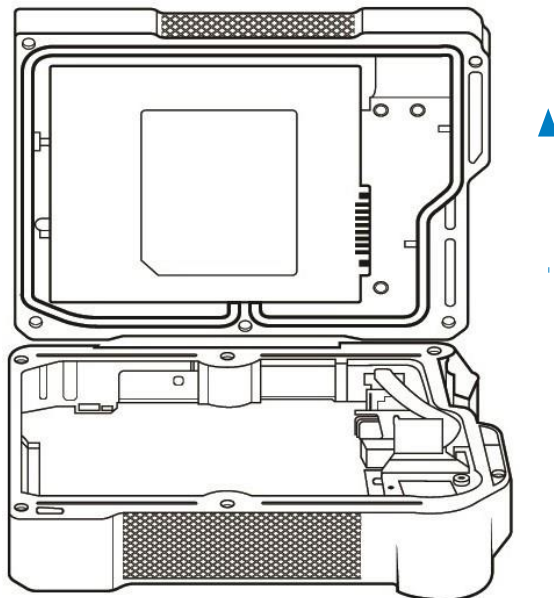
Replacing the Battery

Replacement batteries are combined with the back portion of an Axon Mic. Replacing a battery involves removing the back of the device and installing a new back.

- 1 Turn the Axon Mic off.
- 2 Using a Torx T6 screwdriver, remove the screws from the Axon Mic.



- 3 Remove the back of the device.



- 4 Put the new device back in place with the device front.
- 5 Using a Torx T6 screwdriver, fasten the screws into the new device back. Do not over-tighten.

Chapter 7: Troubleshooting

If you experience difficulty with your Axon Mic, first power the device down, and start it again.

Customer Service

Visit www.taser.com and view the Support options, or call 1-800-978-2737.

Warranty Policy

TASER International warranty provisions are applicable on all Axon Mic products. See TASER International's website, www.taser.com, for detailed warranty information.

Warnings

For a full list of the warning associated with this product, see www.taser.com.



Radio Waves

Changes or modifications to the equipment not expressly approved by the manufacturer could void the product warranty and the user's authority to operate the equipment.

Your wireless device is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. Before a device model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. 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 receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult TASER International Customer Service for help.

FCC/IC NOTICE: This device meets the body worn human exposure limits found in OET Bulletin 65, 2001, and ANSI/ IEEE C95.1, 1992. Proper operation of this equipment according to the instructions found in this guide will result in exposure substantially below the FCC's recommended limits. To comply with the FCC and ANSI C95.1 RF exposure limits, this device has been tested for compliance with FCC RF Exposure limits in the typical configuration. The radiated output power of this wireless device is far below the FCC radio frequency exposure limits.

This device complies with part 15 of the FCC Rules. 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.

RSS 210 Warning Statement: The installer of this equipment must ensure that the antenna is located or pointed such that it does not emit RF field in excess of Health Canada limits for the general population; consult Safety Code 6, obtainable from Health Canada's Web site www.hc-sc.gc.ca/rpb.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

THIS MODEL DEVICE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Section 8.4 of RSS-GEN

This Device complies with Industry Canada License-exempt RSS standard(s). Operation is subject to the following two conditions: 1) this device may not cause interference, and 2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme aux normes d'exemption de licence RSS d'Industrie Canada. Son utilisation est soumise aux conditions suivantes : 1) cet appareil ne doit pas causer de brouillage, et 2) doit accepter tout brouillage, y compris le brouillage pouvant entraîner un fonctionnement indésirable.

Section 8.3 of RSS-GEN

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio ne peut fonctionner qu'au moyen d'une antenne d'un seul type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique pour les autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas celle requise pour établir une communication satisfaisante.

THIS MODEL DEVICE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Declaration of Conformity

TASER International declares that this Axon system is in compliance with the requirements and other relevant provisions of the RTT&E Directive 1999/5/EC regarding radio and telecommunications equipment and the Directive 2014/30/EU regarding electromagnetic compatibility. A copy of the original Declaration of Conformity can be found at www.taser.com.



Product functions and specifications may change without notice and the actual product may vary from the illustrations in this manual.

Bluetooth is a trademark of the Bluetooth SIG, Torx is a trademark of Acumen Global Technologies, and Windows is a trademark of Microsoft Corporation.

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