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MAG GUN

● Safety Instructions

Before using this product, carefully read all the precautions.

⚠ The icon means warning; to prevent any possible injury, please read all the warnings before using the G-MATE™ product.

● Warning

- Prolonged use of MAG GUN may cause fatigue and exhaustion.
- MAG GUN is a professional equipment for video games, and cannot be used to imitate dangerous actions under non-game conditions.
- As MAG GUN applies induction operation, make sure to leave enough operating space around you and operate safely. MAG GUN is a professional equipment for FPS and TPS games, so it takes time to get used to and operate correctly.
- Skilled users can increase the sensitivity level of MAG GUN to reduce deviation between MAG GUN and target.
- Unauthorized opening of the exterior shell may cause electric shock. Maintenance and repair can only be performed by professional technicians.

● Provisions only applicable to certain regions

According to the administrative regulations on low power radio waves radiated devices,

- Without permission, Companies, firms, business or users cannot modify the frequency, amplify the power, or change the properties and functions of the original design of low power radio waves radiated devices qualified after form validation,
- The use of low power radio waves radiated device should not impact the security of flights and disturb legal communication, if interference phenomenon exists, stop using it as soon as possible until there is no interference.

MAG GUN

● The above-mentioned legal communication refers to the wireless communication that is operated according to telecommunication law. Low power radio waves radiated device should endure the interference of legal communication, or industrial, scientific, and medical radio waves radiated equipment.

Manufacturing year: Please refer to product
Manufacturing No.: Please refer to product
Manufacturing country: Please refer to product

● Photoesthesia/Epilepsy/Sudden diseases

A small percentage of individuals may experience epileptic seizures or blackout when exposed certain light patterns or flashing lights. Exposure to certain patterns or backgrounds on a TV screen or when playing video games may trigger epileptic seizures or blackouts in these individuals. These conditions may trigger previously undetected epileptic symptoms or seizures in person who have no history of prior seizures or epilepsy. If you, or anyone in your family, has an epileptic condition or has had seizures of any kind, please consult your physician before playing.

If you or your child experience any of the following health problems or symptoms, immediately discontinue use and consult your physician before resuming gameplay.

- Dizziness
- Altered Vision
- Eye or muscle twitches
- Loss of awareness
- Disorientation
- Seizures
- Involuntary movement or convulsion
- Long time of playing may result in fatigue or physical strength overraft, resume gameplay only on approval of your physician

● Use and handling of video games to reduce the likelihood of a seizure

- Please use it in a well-lit area and keep as far away as possible from the TV screen. 37 inch screen or above is recommended to ensure excellent effect.
- Avoid prolonged use of MAG GUN. Please take a 15-minute break during each hour of play.
- As a wireless operation device, MAG GUN can be used at a distance of over 5 meters from the PC receiver. Actual distance may vary depending on different operating environment.
- Avoiding playing when you are tired or need sleep. Stop using it immediately if you begin to feel tired or if you experience discomfort or pain in your hands or arms while operating MAG GUN. If the condition persists, consult a doctor.
- If you experience any of the following health problems, discontinue use of MAG GUN immediately. If symptoms persist, consult with your physician.
 - Dizziness, nausea, fatigue, or symptoms similar to motion sickness
 - Discomfort or pain in eyes, ears, hands, arms or any other part of the body.

● Radio waves

Radio waves may affect electronic equipment or medical devices (for example, pacemakers), which may cause malfunctions and possible injuries.

- If you use a pacemaker or other medical device, consult your physician or the manufacturer of your medical device before using wireless control function.
- Do not use wireless control function in following places
 - Areas where wireless control function is prohibited, such as hospitals. Abide by Medical Institution regulations when using MAG GUN on their premises.
 - Areas near fire alarms, automatic doors and other types of automated equipment.

● Precautions

Before using this product, carefully read all the precautions.

● Safety

This product has been designed with the highest concern for safety. However, any electrical device, if used improperly, has potential for causing fire, electrical shock or personal injury. To help ensure accident-free operation, follow these guidelines:

- Observe all warnings, precautions and instructions.
- Stop using and remove the battery cabinet if the device functions in an abnormal manner, produces unusual sounds or smells or becomes too hot to touch.
- Please contact MAG GUN customer service center for assistance if the device does not operate properly.

● Use and maintenance

- Use in a well-lit area and keep a safe distance from the screen. 37 inch screen or above is recommended to ensure excellent effect.
- Avoid prolonged use of MAG GUN. Take a 15-minute break during each hour of play.
- As a wireless operation device, MAG GUN can work at a distance of over 5 meters from the PC receiver. Actual distance may vary depending on different operating environment.
- Avoiding playing when you are tired or need sleep.
- Stop using it immediately if you begin to feel tired or if you experience discomfort or pain in your hands or arms while operating MAG GUN. If the condition persists, consult a doctor.

● About national export control

This product may fall within the scope of national export control legislation. You must comply fully with the requirements of such legislation and of all other applicable laws of any jurisdiction in relation to this product.

- If you experience any of the following health problems, discontinue use of MAG GUN immediately. If symptoms persist, consult with your physician.
 - Dizziness, nausea, fatigue, or symptoms similar to motion sickness
 - Discomfort or pain in eyes, ears, hands, arms or any other part of the body.

- Please keep MAG GUN out of the reach of small children.
- Please do not touch MAG GUN during a lightning storm.
- Any TV or PC connected to MAG GUN must be functioning properly and free of defects. If a TV or PC connected to MAG GUN is faulty or defective, it may cause damage to the TV or PC, or to MAG GUN itself. As with all electrical products, connection to faulty or defective components, or the failure to connect to a properly wired outlet, may cause sparking and pose a fire hazard.
- Do not use MAG GUN or accessories near water.
- Do not allow liquid, small particles, or other foreign objects to get into MAG GUN or accessories.
- Do not touch the connectors of MAG GUN or accessories.
- Do not expose MAG GUN or accessories to dust, smoke or steam. Also, do not place MAG GUN in an area subject to excessive dust or cigarette smoke.
- Do not expose MAG GUN or accessories to high temperatures, high humidity, or direct sunlight.
- Do not keep MAG GUN or accessories on surfaces that are unstable, tilted or subject to vibration.
- If you do not hold MAG GUN firmly, it may drop causing potential damage or injury.
- Do not put objects on MAG GUN, and do not stack it with other devices.
- Do not place MAG GUN or accessories on the floor or in places where they may cause someone to trip or stumble.

● Notes on safety when using MAG GUN

Please stop using MAG GUN immediately if you begin to feel tired or if you experience discomfort or pain in your hands, arms while operating MAG GUN. If the symptom persists, consult a doctor.

- Avoid prolonged use of MAG GUN. Take a 15-minute break during each hour of play.
- When using MAG GUN, be cautious of the following matters. If MAG GUN hits a person or object, this may cause an accident, injury or damage.
 - Make sure there is plenty of space around you before playing.
 - When using MAG GUN, hold it firmly and make sure it can not slip out of your hand.

● Never disassemble or modify MAG GUN or accessories

Use MAG GUN and accessories according to the instructions in the product documentation. No authorization for the analysis or modification of the device or accessories, or the analysis and use of its circuit configurations, is provided. Unauthorized modification of the device or accessories will void your warranty. There are no user serviceable components inside MAG GUN. Additionally, there is a risk of electrical shock.

● Moisture condensation

If MAG GUN is brought directly from a cold location to a warm one, moisture may condense on the parts inside MAG GUN. Should this occur, the device may not operate properly. In this case, turn off the power and remove the battery cabinet. Do not turn on MAG GUN until the moisture evaporates (this may take several hours). If MAG GUN does not operate properly, contact MAG GUN customer service center by using the information printed on the package carton for assistance.

● Cleaning

For safety reasons, please turn off the power before cleaning MAG GUN or connected accessories.

Exterior Surfaces (plastics cover of MAG GUN and accessories)

Follow the instructions below to help prevent the exterior from deteriorating or becoming discolored.

- Wipe with a soft cloth.
- Do not apply insecticides or other volatile substances.
- Do not place rubber or vinyl materials on the product exterior for a extended period of time.
- Do not use solvent or other chemicals. Do not wipe with chemically-treated cleaning cloth.

Connectors

Do not use when the connectors of MAG GUN or its accessories are not clean. If used when dirty, the flow of electrical current may be obstructed. Remove the dirt with a clean soft cloth.

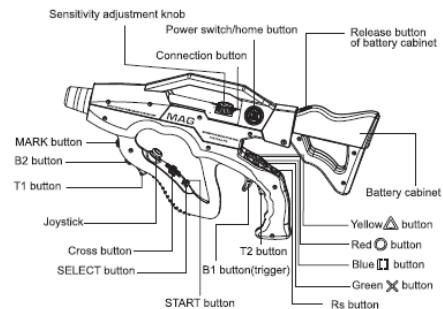
● Online information About MAG GUN

This manual explains hardware features and provides basic information about how to set up and operate MAG GUN, including warnings and precautions for the safe and proper use of the product. You can access the following information available on the Internet. Online user's guide <http://www.g-mate.net.cn>. This guide contains detailed information about using MAG GUN:

- Software updates
- New products or latest news of MAG GUN
- MAG GUN product support, including latest questions and answers and technical support

● Part names

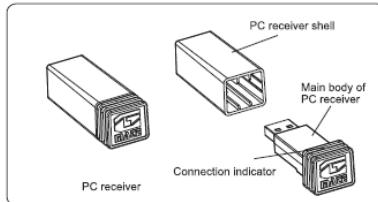
● MAG GUN



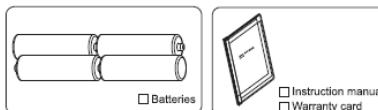
△ Caution

Use MAG GUN and accessories according to the instructions in the product documentation. No authorization for the analysis or modification of the device or accessories, or the analysis and use of its circuit configurations, is provided. Unauthorized modification of the device or accessories will void your warranty. There are no user serviceable components inside MAG GUN. Additionally, there is a risk of electrical shock.

● PC receiver



● Others



Tips

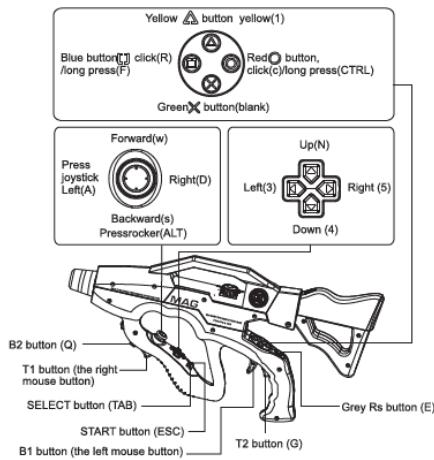
Please check that you have all of the above items. If any items are missing, contact MAG GUN Customer Service Center at the number printed on the package carton.

Notice

- Do not expose MAG GUN or accessories to dust, smoke or steam. Also, do not place MAG GUN in an area subject to excessive dust or cigarette smoke.

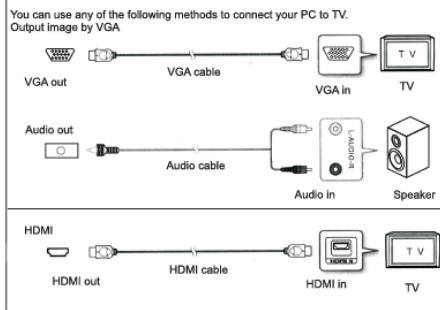
● Getting Started

● Button functions



Note: The bracketed letters or numbers are equivalent to keys on the keyboard.

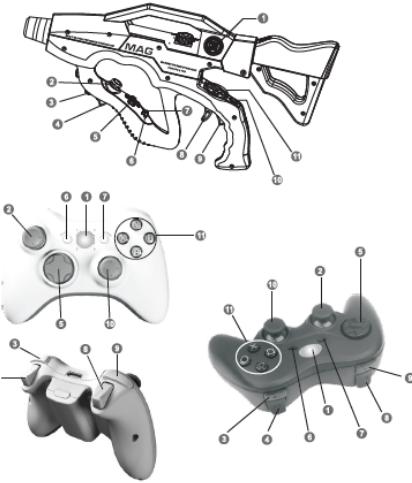
● Suggested connection methods of PC and TV



△ Notice

The connecting method should be chosen based on the functions of video card of PC. Any problem caused by video card functions is not subject to this manual. Please refer to PC or TV instruction manuals.

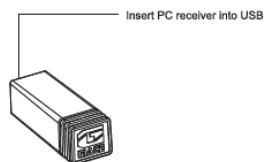
● Buttons distribution contrast



Notes:

- The same number means the same function.
- Function of the number "10" is equal to press the joystick.

● Connect MAG GUN to PC



Notice

If the adapter cannot be identified by PC, it is suggested to use rear USB ports. Please do not use USB extension line or USB. Check the connection between MAG GUN and PC receiver. If there is still no response after connected, insert the receiver into PC USB interface, and press the connection button until the LED light is on, then release the connection button to finish the pairing.

△ Note

Connect after turning power off.

● Initial setting

- For the first-time use in a new environment, firstly, remove the battery cabinet and aim the gunpoint to the screen, press and hold MARK button, install the battery cabinet, swing the gunpoint to the other side until the power indicator is on. Then restart MAG GUN.
- Pair MAG GUN and the PC receiver. Insert PC receiver into PC USB interface, press and hold the connection button until the LED light of PC receiver is on. Then release the connection button and the pairing is completed. (The pairing has been established before delivery, so this step is only necessary if you changed receiver or some related items).

● Install and remove battery cabinet

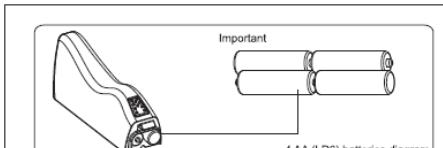
Please following the instructions below.

To place batteries into AA battery cabinet of MAG GUN:

- Remove the battery cabinet
Press the release button on the top of the battery cabinet, hold the cabinet and slide backward to remove the cabinet.
- Install batteries
Follow the battery installation diagram to install the batteries into the cabinet.
- Install the battery cabinet
Place the bottom groove of the battery cabinet onto the guide rail on MAG GUN, slide forward, and the battery cabinet is locked with a cracking sound.

To take out batteries from AA battery cabinet of MAG GUN:

- Press the release button on the top of the battery cabinet, hold the battery cabinet and slide backward to remove the cabinet.
- Take out AA(LR6) batteries from the battery cabinet.



- As for the information of correctly disposing of batteries, please refer to safety of disposable batteries in MAG GUN Instructions Manual.
- Use AA (LR6) batteries; please confirm negative and positive poles of batteries before using. Do not charge batteries, burn them or use them by mixing with old ones or different types. Do not resolve batteries to avoid liquid leakage and breakage of batteries. If MAG GUN will not be used for a long time, batteries shall be taken out from it.

⚠️ Notice

Safety of disposable batteries

Improper use of batteries may result in leakage, overheat or explosion. The use of different types of battery may cause fire. The battery leakage is corrosive and/or poisonous and may cause burn if it comes into contact with skin or eyes, and it may lead to injury if it is swallowed. To reduce the risk of injuries:

- Keep batteries out of reach of children.
- Do not heat, open, drill, disassemble or throw a battery into fire.
- Only use AA(LR6) alkaline batteries.
- Please do not mix new batteries with used ones.

- Remove the batteries when they run down. If the battery pack is not installed in MAG GUN, do not leave batteries in AA battery cabinet. If battery leaks, remove them immediately and avoid its electrolyte comes into contact with skin or clothes.
- If contacts, wash the contact area with cleaning water. Before install new batteries, clean the cabinet with wet tissue or follow the methods recommended by battery manufacturers.
- Please dispose batteries according to local and national waste disposal regulations.

● Turning power on and off

Before turning on power, you need adjust the sensitivity knob. Level 1-4 is suggested for beginners, level 5-8 for intermediate users and level 9-12 for advanced users.(Recommend to use level 5) see page 25.
Hold MAG GUN and stand in front of the screen. see page 23.
Press and hold the switch button for 3 seconds. The power indicator lights up indicates the device is turned on.

Solid blue	The power is on
Flashing blue	Replace low batteries
Indicator light off	The power is off (standby mode)

Press the power button until the indicator light off.

Tips

1. Please check the connection status of the receiver before use, refer to page 16 for detailed information.
2. Remove the batteries when MAG GUN will not be used for a long time, so as to avoid slowly draining, leakage or breakage of batteries.

⚠ Notice

Be sure not to wrongly connect the battery's positive and negative terminals. Do not discard batteries and do not leave batteries near high temperature locations to avoid leakage and damage.

● Matching game functions with the buttons

Before playing a game, you need access game settings to establish the correspondence between the game functions and MAG GUN buttons. MAG GUN's factory default settings are set according to some of the games it supports. Please establish correspondence between game functions and buttons according to your use habit. For the corresponding letters of different buttons, please refer to the diagram on page 24 .

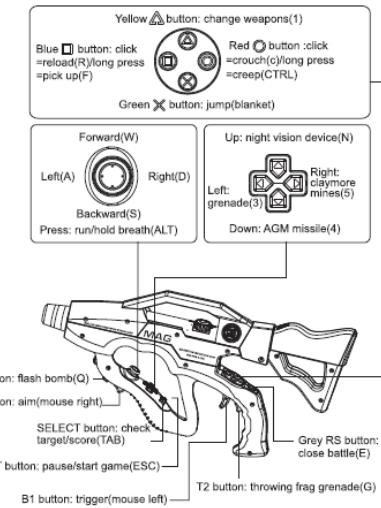


● Playing games

Supported games: MAG GUN supports most FPS games on PC (First Person Shooting Game), such as Call of Duty, Battlefield, Medal of Honor and Far Cry, etc. As well as TPS games(Third Person Shooting Game),such as Gears of War and Halo, etc.

Tips

- Not guaranteed to support all FPS and TPS games.
- Visit www.g-mate.net.cn for latest information.



Take a FPS game for example, it is the reciprocal diagram of buttons of MAG GUN and the functions of games(graphics)

Note: The bracketed letters or numbers are equivalent to keys on the keyboard.

● Choose correct posture

As shown in the diagram, choose the best way to hold MAG GUN. (Recommend to play games in standing posture. For right-handed users, it is suggested to put the left hand in the front with left thumb on the joystick, and the right hand holds the grip, thus the gun can be held steadily by both hand. On the contrary, for left-handed users, it is suggested to put the right hand in the front with right thumb on the joystick, and the left hand holds the grip. This recommended posture is only for reference, and the actual operation depends on personal habit).



Posture diagram

● Sensitivity adjustment

Adjust the sensitivity knob to select a level that suitable for you. Level 1-3 is suggested for beginners, level 4-6 for intermediate users and level 7-8 for advanced users (Recommend to use level 5).

● Age limits

Users are required to be mentally mature.
Users are required to reach the age of 14.
The product is only for playing video games, please do not imitate game actions in real life.
Please be aware of the exposure of restricted content to Children when playing with MAG GUN. Age limits of audio-visual contents vary in different games and different games platforms, please choose carefully.

● Mark gunpoint position

Aim at the screen center, press MARK button to mark the position of gunpoint and then release Mark button.

● Start to play

Start to enjoy the fun of the games. If you find it hard to control the pictures when playing, please adjust sensitivity knob to a suitable level.

Press START button to pause or restore games.

If the gunpoint deviates too much from the screen in game, press and hold MARK button to target the gunpoint to the screen center, release the button, and the gunpoint position has been re-marked.

Tips

When you are using MAG GUN, electromagnetic interference in the game environment may cause abnormality. Please reset according to initial setting in such situations. See page 17.

● Reset

You may need to reset as below when the operation environment changes.

- Re-calibrate MAG GUN when location changes or irregular movement of pictures on screen. First, remove the battery cabinet, press MARK button and reinstall the cabinet. Then swing the gun towards the other side. Until the power indicator lights up. Then restart MAG GUN.
- Re-calibrate if cursor moves without movement of MAG GUN. Remove the battery cabinet and lay MAG GUN flat. Then press T2 button and reinstall the battery cabinet. After the power indicator light off, release your hand restart MAG GUN.
- Reset if more than one MAG GUN will be used within the same space. Choose one MAG GUN and insert the PC receiver into PC USB interface, press and hold the connection button until the LED light of PC receiver is on. Then release the button and the pairing is completed. When pairing the second MAG GUN, remove the previous PC receiver and replaced by a new one before pairing operation.

● Before requesting service

Go through this section if you experience difficulty in operating MAG GUN. Should any problem persists, please contact MAG GUN Customer Service Center by the contact information printed on the package carton.

● Power

MAG GUN cannot turn on:

- Check if the batteries are correctly installed.
- Check if positive and negative terminals are correctly connected.
- Check if the battery capacity is sufficient. When the power indicator of MAG GUN flashes, it indicates low battery. Please replace batteries as soon as possible. Refer to Page 18 for detailed instructions.

● Connection

MAG GUN cannot function correctly

- Please check the battery capacity of MAG GUN. When the power indicator of MAG GUN flashes, it indicates low battery. Please replace batteries as soon as possible. Refer to Page 18 for detailed instructions.
- Please check operation distance. MAG GUN is a wireless operation device which can be used at a distance of over 5 meters from the PC receiver. While actual distance may vary depending on different operating environment. Do not operate too far away from the receiver to avoid signal reception is affected.
- If MAG GUN still cannot be connected after checked all the mentioned items, please pair MAG GUN and PC receiver. Press and hold the connection, after the LED light of PC receiver is on, release the connection button and then the pairing is completed.

● Calibration

Abnormal waves on the screen caused by MAG GUN

- Adjust the sensitivity knob according to your proficiency level. The larger number, the higher sensitivity, and the harder to control.
- If you cannot play even after checking the above, trying resetting and initializing. See page 17 for details.

● Button

- If wrong movements occur during the process of playing, please check whether there is any button getting stuck.

● Other problems

- Different games require different PC configurations. Please refer to the relevant game instructions for details.
- The game response speed may be slow due to PC configuration. This is not a malfunction.

● Specification

Design and specifications are subject to change without notice. Information about device functionality and images published in this document may vary from those for your MAG GUN, depending on the version in use.

Wireless Application Protocol	2.4G
Power consumption	30-50mA
External dimensions	500mm×250mm×55mm
Mass	±970g
Operating temperature	Normal Temperature
Battery type	4×1 AA(LR6) Battery
Voltage	DC 6V
Battery capacity	± 1500 mAh

● Warranty

For warranty terms and conditions of respective regions, please refer to the official website: <http://www.g-mate.net.cn>

● Copyright and Trademarks



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G-MATE™ is registered trademark of SUN-UP MECHA-ELECTRONIC EQUIPMENT CO., LTD.

FCC WARNNING

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.