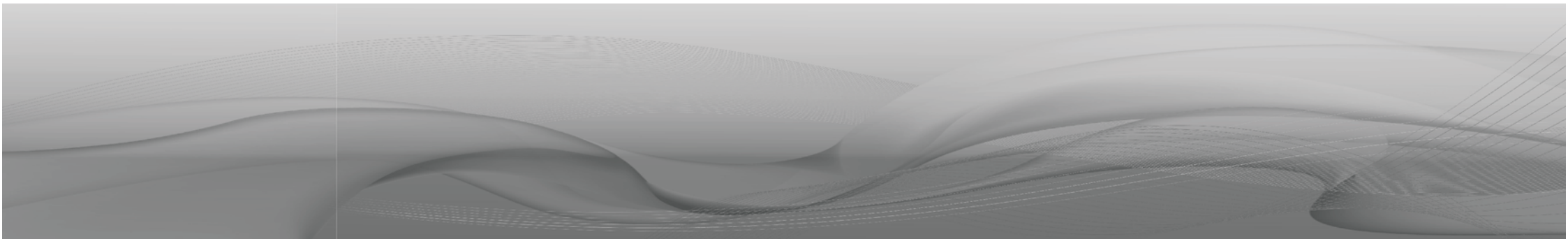SUNUP MECHA-ELECTRONIC EQUIPMENT CO., LTD
Shenzhen, Guangdong Province, China

MAG II GUN

Instruction Manual

Before using MAG GUN, carefully read all the documentation and retain it for future reference.
(Model MBJC21PA)111208

www.g-matecontroller.com

● Contents

● FCC Statement

1. 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.
   (2)This device must accept any interference received, including interference
       that may cause undesired operation.

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

● NOTE:

1. 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.

2. 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 the dealer or an experienced radio/TV technician for help.

●Safety Instructions

Before using the product, please read carefully all the safety instructions first.

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

Business use and rental prohibited

●Warning

● Using MAG GUN for a long time may result in fatigue and exhaustion.

●MAG GUN is the professional equipment for games, and please do not use MAG GUN to imitate dangerous actions under non-game conditions.

●MAG GUN uses induction operation, and please leave enough operating space and operate safely. MAG GUN is the professional equipment for FPS and TPS games and it needs to take some time to be used to using it correctly.

● When the user become more skillful in using MAG GUN, please adjust and increase the level of sensitivity of MAG GUN, so that the deviation between MAG GUN and target will be reduced accordingly.

Business use and rental prohibited

●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 formal 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.

●The above-mentioned legal communication refers to the wireless communication tha 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 mark.
Manufacturing No.: Please refer to product mark.
Country of Origin: Please refer to product mark.

●Photaesthesia/Seizures/Sudden diseases

A small number of people may suffer from seizures or temporary dizziness when seeing light or flash. If they catch sight of some patterns and settings on TV screens or play games, seizures or temporary dizziness occurs. And people who never get seizures may develop this disease under these conditions. If you and your family are discovered with symptoms of seizures or any sudden diseases, please consult the doctor before playing games.

If you and your children have any of the following health problems or symptoms, please stop using it. You must consult the doctor first, and then continue to play gamesif permitted.

●Dizziness
●Visual impairment
●Eye or muscle twitch
●Unconsciousness
●Absent mindedness
●Sudden diseases
●Involuntary movement or muscle twitch
●Fatigue and physical strength overdraft when playing for a long time and should continue to play under the permission of doctor.

●Caution for use and operation to reduce illness possibilities

●Please use it in the good light, and keep some safe distance from the screen. 37 inch screen or above is recommended to ensure an excellent using effect.

●Avoid using MAG GUN for a long time, please take a fifteen-minute break after every hour of play.

●MAG GUN is known as a wireless operation device, and the distance from it to PC receiver can be as much as over 5 meters. Actual distance is in accordance with different situations.

●Avoiding using it at rest or sleep.

● If you suddenly feel tired when using MAG GUN, or your arms and wrists suffer rom discomforts and pains, please stop using it at once. If untoward reactions exist continuously, please seek medical care immediately

● If you have any of the following health problems, please stop using MAG GUN. If untoward reactions exist continuously, please see a doctor immediately.

  –Dizziness, sickness, fatigue, or similar seasickness

  –Discomforts or pains of eyes, ears, arms, wrists and so on.

●Radio waves

Radio wave may influence the operation of electronic equipments or medical facilities (such as cardiac pacemaker), and may also lead to defective damages of these equipments and facilities.

● Please consult your physician-in-charge or manufacturers of medical devices applied to you before using wireless control function when you use cardiac pacemaker or other medical instruments.

●Do not make use of wireless control function in following places

  –Places where wireless control function is forbidden, such as hospitals. Please follow its regulations while using MAG GUN in hospital.

  –Places close to fire alarm, auto-gate, and other types of automation equipments.

●About national import and export control

This product may be listed in restricted import and export categories due to different provisions of different nations' legislations. Please strictly follow relevant articles and any legal rules concerned with its jurisdiction

●Notes For Attention you must know before using MAG GUN

Please read all the notes in details before using this product.

●Safety information

This product is designed under the full emphasis on safety. If used improperly, any electrical appliance may potentially lead to fire or personal injury. In order to handle it correctly, please comply with the following rules:

●Keep to all the warning articles, dos and don'ts, and instructions for use.

● If abnormal movements occur, sound or smell comes out, or overheat makes it impossible to touch, please stop using it immediately and take down battery compartment.

● If MAG GUN breaks down, please contact MAG GUN customer service centre to obtain necessary assistance.

●Operation and maintenance

●Please use it in a good light, and keep some safe distance from the screen. 37 inch screen or above is recommended to ensure an excellent using effect.

●Avoid long usage of MAG GUN, please take a fifteen-minute break after every hour of play.

●MAG GUN is known as a wireless operation device, and the distance from it to PCreceiver can be as much as over 5 meters. Actual distance lies in accordance with different situations.

●Avoid using it at rest or sleep.

●If you suddenly feel tired when using MAG GUN, or your arms and wrists suffer from discomforts and pains, please stop using it at once. If untoward reactions exist continuously, please seek medical care immediately.

● If you have any of the following health problems, please stop using MAG GUN. If untoward reactions exist continuously, please see a doctor immediately.

–Dizziness, sickness, fatigue, or similar seasickness

–Discomforts or pains of eyes, ears, arms, wrists and so on.

●Please keep MAG GUN in places out of the reach of children.

●Please do not touch MAG GUN in thunderstorms.

●Any mainframe connected to MAG GUN should work normally with no damages. Any problems or damages of mainframes or accessories linked to MAG GUN will probably do harm to mainframes. And all the electronic products, if connected to defective accessories or attaching plugs with incorrect linking circuit would give rise to flash or even fire.

●Do not use MAG GUN or attached products in places close to water.

● Please do not let liquid, small components, or other foreign materials fall into MAG GUN or accessories.

●Please do not touch the terminal part of MAG GUN or accessories.

●Please do not expose MAG GUN or accessories in dust, smog, or vapor. In addition,

●please do not lay MAG GUN in places of much dust or smoking fog.

● Please do not keep MAG GUN or accessories in high temperature, heavy moisture, or under direct sunlight.

●Please do not keep MAG GUN or accessories in sloping, unstable, or quaky areas.

●If you are not sure of carrying MAG GUN steadily, it may lead to the drop out of MAG GUN, and thus cause damages or other potential dangers.

●No goods are allowed in and no other devices are allowed over MAG GUN, please check on the PS3 instructions.

●Matters that need attention when using MAG GUN

● While operating MAG GUN, if you suddenly feel fatigue, or your arm or wrist feels uncomfortable or hurt, please stop using the mainframe immediately. If the this symptoms continue, please see a doctor immediately.

●Do not use MAG GUN for along time, and please take a rest every 15 minutes.

●While using MAG GUN, please take care of the following matters. If using MAG GUN to violently strike human body or objects, it might lead to incident, hurt or damage. Before using, please check whether there is enough space around.When using MAG GUN, please hold steadily and make sure that it will not slip out of your hand.

●Do not disassemble or re-modify MAG GUN or its accessories

While using MAG GUN or its accessories, please do comply with the instructions recorded in the basic instrument of the product.It is strictly forbidden to resolve or disassemble MAG GUN or accessories, and it is also forbidden to resolve and use its circuit structure.Disassemble MAG GUN or accessories without permission will lose all warranty benefits. Do not touch the parts inside MAG GUN without permission,

otherwise you are likely to get an electric shock.

●Condensing phenomenon

If you move MAG GUN from a cold place to a warm place directly, moisture may be condensed on the parts inside MAG GUN, which may cause that MAG GUN cannot wok properly. At this time, please turn off the power and take off the battery compartment. Do not turn on MAG GUN until themoisture evaporates (It may take several hours for the moisture to evaporate). If MAG GUN cannot return to normal, please contact

MAG GUN consumer center whose contact information is recorded on the packing box, so as to get necessary assistance.

●Cleaning

For the sake of safety, please turn off the power before beginning to clean MAG GUN or the accessories that have already been connected to it.

●**Surface of outer casing (plastics cover of MAG GUN and accessories)**

Please follow the following instructions, so as to avoid deformation or color changing of the product.

●Gently clean it with soft cloth.

●Do not use pesticide or other volatile substance.

●Do not place rubber or ethylene materials on the outer casing of the MAG GUN for a long time.

● Do not use solvent or other chemical agents. Do not clean with cleaning cloth that has been chemically treated.

●**Terminals**

If the terminal part of MAG GUN or its accessories are dirty, please do not continue to use it. Continuing to use it without cleaning the dirt   might block the passing of electricity current. At the time, dirt shall be cleaned with clean soft cloth.
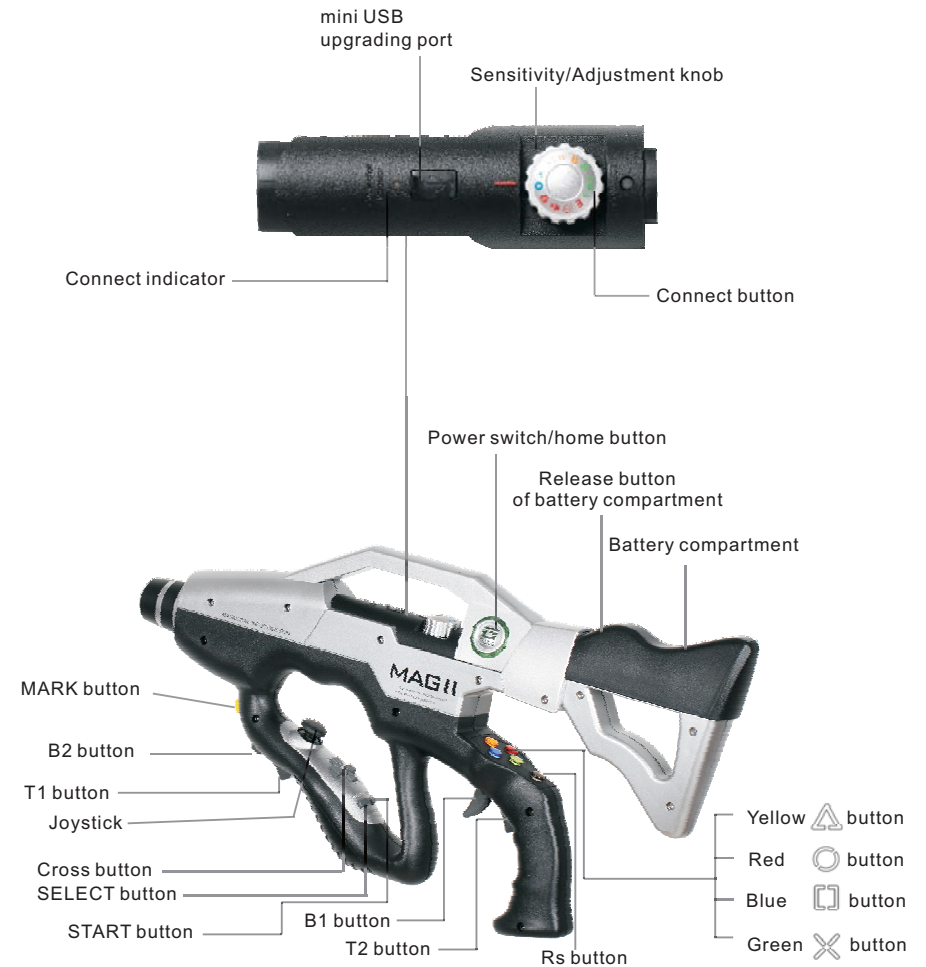
●**Online information of MAG GUN**

The Operation Manual includes instructions on hardware functions, and provides basic information on how to set and operate MAG GUN mainframe,   including turning off, safely and correctly use the warnings on the mainframe and matters need to know before operation. You can also get the   following information by internet.

Online user guide http://www.g-matecontroller.com , the user guide covers relevant detailed information when using MAG GUN:

●Updating software

●MAG GUN product, the newest information.

●MAG GUN product support, including the newest frequently asked questions and answers and technical support.

●**Name of Parts**

●**Structural Diagram**

mini USB upgrading port

Sensitivity/Adjustment knob

Connect indicator

Connect button

Power switch/home button

Release button of battery compartment

Battery compartment

MARK button

B2 button

T1 button

Joystick

Cross button

SELECT button

START button

B1 button

T2 button

Rs button

Yellow △ button

Red ○ button

Blue □ button

Green ✕ button

MAG GUBE

G-MATE button

USB port
(Connect to console or PC)

Indicator light instruction

the front of MAG CUBE

CONNECT button

the back of MAG CUBE

●Other Accessory

☐ Instruction manual

☐ Warranty card

☐ USB for exclusive use

Notes

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

●Start-up Guide

●Selecting MAG CUBE Working Mode

Working modes of G-MATE button on MAG CUBE

When the button is popped up, the MAG CUBE is under console mode. One of the corner indicator around the button will be on.

When the button is pressed down, the MAG CUBE changes to PC Mode and the G-MATE button will be on.

MAG CUBE console mode corner indicator   MAG CUBE PC mode G-MATE indicator

CAUTION

When changing the working mode of MAG CUBE, please disconnect it with the console or PC

●Connecting the MAG CUBE to a console

Plug into USB port of the console

MAG CUBE console mode corner indicator

Notes

The location and sequence of the four corner indicators on MAG CUBE correspond with those of a X360 gamepad.

⚠ CAUTION

If the G-MATE button on MAG CUBE is pressed down when MAG CUBE is connected with a console/PC, the working mode of MAG CUBE may change. Disconnect MAG CUBE from the console/PC and adjust the G-MATE button to the correct mode, then re-plug MAG CUBE and resume playing.

When using the MAG CUBE with PS3, ensure the G-MATE button is popped up. Turn on the console and connect the MAG CUBE to the USB connector of the console. When one of the corner indicators light up, the MAG CUBE starts working in console mode.

Step 1

Connect PS3 to MAG CUBE

Step 2

The connection is succeeded when the MAG CUBE

●Connecting the MAG CUBE to PC

Connect the MAG CUBE to the USB port of PC

MAG CUBE PC Mode G-MATE indicator

●PC Mode

Ensure the Function Selection button is pressed down, and then connect MAG CUBE to PC. when the computer is powered on the G-MATE indicator of the MAG CUBE lights up shows MAG CUBE is working in PC Mode.
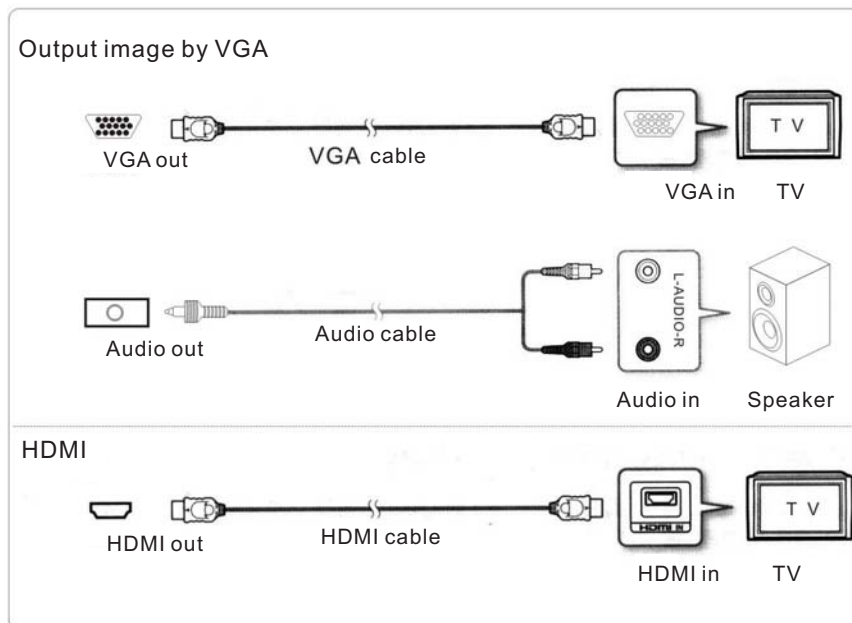
●Notes

If the MAG CUBE cannot recognize on PC, try the back ports instead. Do not use a USB extension cable or a USB connector in the front of the PC.

⚠ CAUTION

If the MAG CUBE button is accidentally pressed and changed the working mode during game playing , unplug the MAG CUBE from the console/PC, adjust the MAG CUBE button to the correct mode, then reconnect and resume playing.

●Suggested connection method to PC and TV

You can use any of the following methods to connect your PC to TV.

Output image by VGA

VGA out   VGA cable   VGA in   TV

Audio out   Audio cable   L-AUDIO-R   Audio in   Speaker

HDMI

HDMI out   HDMI cable   HDMI in   TV

⚠ CAUTION

Please choose the connection setting according to the video card function of the PC. If a problem is triggered due to a difference in the video card function, refer to the PC or video card operating manual. This information is not included in this manual.

●Battery compartment installation and removal

Follow the instructions and install the battery compartment:

Installing batteries into the MAG II GUN battery compartment.

●Removing the battery compartment:

Press the release button on the top of the battery compartment. Hold the compartment and slide backwards to remove.

●Installing batteries:

Insert the batteries into the battery compartment as shown in the pictures.

●Installing battery compartment:

Place the bottom slot of the battery compartment into the lead rail of the MAG II GUN, slide forward until it clicks in place
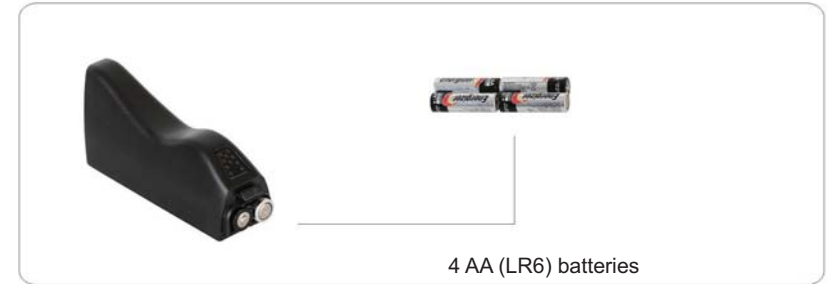
Removing batteries:

● Press the release button on the top of the battery compartment. Hold and slide backwards to remove the compartment from the gun.

●Remove the 4 AA (LR6) batteries from the battery compartment.

⚠ CAUTION

nly press on the flat surface of the battery compartment to avoid finger pinching.

●IMPORTANT

4 AA (LR6) batteries

●For information regarding correct disposal of used batteries, refer to the safety information of disposable batteries in the MAG II GUN operation manual.

●When using AA (LR6) batteries, make sure the cathode and anode of the batteries are laid correctly . Do not attempt to recharge disposable batteries. Do not burn batteries. Do not use new batteries with used batteries or other types of batteries. Do not disassemble batteries in case of leak or rupture.

⚠ CAUTION

Safety Information for Disposable Batteries:

Improper use of disposable batteries may lead to leaking, overheating or even explosion. Using different types of batteries together can cause a fire hazard. Additionally, the battery liquid is corrosive and possibly poisonous. Contact with skin or eyes may cause chemical burns.Swallowing will also cause harm. To reduce the risk of injury or harm:

●Always keep batteries out of the reach of children.

●Do not heat, open, pierce, or disassemble batteries. Do not dispose of batteries in a fire.

●Use only type AA (LR6) alkaline batteries.

●Do not use old and new batteries together.

● If the batteries are worn out, remove them from the MAG II GUN. Do not leave batteries in the battery compartment if the compartment is not installed on the MAG II GUN.

● If battery leakage occurs, remove the battery, and avoid contact with skin or clothes.If contact occurs, immediately wash thoroughly with water. Clean the battery compartment with a wet tissue or cloth, or follow the instructions of the battery manufacturer for cleaning before installing new batteries.

● Please dispose used batteries according to local regulations regarding waste disposal.

⚠ CAUTION

When the Sensitivity/Function knob 🔵 is at Upgrade setting, the CONNECT indicator on MAG GUN will be automatically lit continuously while installing the battery compartment. MAG II GUN cannot be powered on by the power button when MAG II GUN is upgrading.

When the Sensitivity/Function knob is at any settings other than the Upgrade setting, if the batteries are in good condition and the battery compartment is correctly installed,the power button will flash once while installing the battery compartment.

● **Turning power on and off**

Before turning on MAG II GUN, make sure the Sensitivity/Function knob 🔵 is not at the Upgrade setting.

● Turning Power On

Press the power button for 3 seconds until the power indicator is turned on. Start to play   after the CONNECT indicator switch from blinking to steady.

Power switch and indicator status

Steady blue	MAG II GUN is powered on
Blinking blue	Battery low, change batteries
Indicator off	MAG II GUN is powering off (standby)

⚠ CAUTION

Before turning on the power, check the Sensitivity/Function knob. MAG II GUN cannot be turned on by the power button when the knob is at Upgrade setting 🔵

Check the setting of the Sensitivity/Function knob before turning on the power. When the pointer is set 🔵 at the Upgrade, MAG II GUN cannot be turned on by the power button.

After upgrading, if MAG II GUN cannot be turned on immediately with the power button. Please remove the battery compartment, set the Sensitivity/Function knob AWAY from the Upgrade setting 🔵, and then re-install the battery compartment and power on.

● **Connection between the MAG II GUN and MAG CUBE**

Operating range between the MAG II GUN and the MAG CUBE is up to 8 meters.Actual operating range depends on the working environment.

● The MAG II GUN will automatically match with MAG CUBE after being powered on.

The MAG II GUN is set at the factory so that after powered on it will automatically search for the matched MAG CUBE. If the MAG CUBE is successfully connected to the console/ PC, the connection indicator on the MAG II Gun will change from blinking to steady lit. This indicates that the MAG II GUN is ready to play.

Notes

All products have been matched in the factory, so under normal conditions the MAG II GUN will automatically match with MAG CUBE. Manually matching is required only when changing the receiver or under certain other circumstances.

Exceed in operating range may lead to disconnection between MAG II GUN and MAG CUBE. Rematch will be established automatically when within the range.

⚠ **CAUTION**

MAG II GUN and the MAG CUBE need to be matched manually if CONNECT indicator on MAG II GUN is blinking,

Steadily lit of the CONNECT indicator on MAG II GUN indicates successful matching between MAG II GUN and MAG CUBE.

At most eight pairs of MAG II GUN and MAG CUBE are allowed to work in the same environment.

● Manually Matching the MAG II GUN with the MAG CUBE

Connect MAG CUBE to the console/PC. Click the CONNECT button on MAG II GUN and then press the CONNECT button on MAG CUBE within 15 seconds. When the CONNECT indicator on MAG II GUN switch from blinking to steady lit, MAG II GUN is matched with MAG CUBE.

CONNECT button on MAG II GUN   CONNECT button on MAG CUBE

CONNECT indicator on MAG II GUN is steadily on.

⚠ **CAUTION**

At most eight pairs of MAG II GUN and MAG CUBE are allowed to work in the same environment.

●Mark button

●The MARK Button is specially designed for MAGNETON INDUCTION GUN series, with features as follows:

●Press MARK Button can pause the screen and the cursor.

●When the Sensitivity/Function knob is at B setting, The game screen will be paused under any of the three conditions: pressing the START button, clicking the power switch, or laying the gun sideways for 3 seconds. To resume playing, press the MARK Button.

●When the Sensitivity/Function knob is at B setting and the screen is paused, use the cross button to adjust the screen. When the screen is adjusted to the preferred configuration, press the MARK button to unlock the screen.,

●For the first time use of MAG II GUN after a batteries re-installation, please do as follow: When the connect indicator is on, aim the MAG II GUN at the screen center and press the MARK button until the MAG II GUN vibrates, then release the button.

●If the game screen is inclined, drifting or asymmetrical, remove the battery compartment, and re-install after 10 seconds. Aim the MAG II GUN at the center of the screen, press the yellow MARK button until the MAG II GUN vibrates. Then release the button and start playing.

While installing the battery compartment, pressing the MARK Button will start magnetism environment calibration..

Notes

If any problems occur while playing with most can be solved by the following procedures:

Remove the battery compartment and re-install after 10 seconds. Aim the MAG II GUN at the center of the screen, press the MARK Button until the gun vibrates, and then release the button and resume play.

●PS3 settings

The button layout on the MAG II GUN corresponds with that on the X360 controller.Some P3 controllers' button layout is opposite to the X360 controller. In this case it is necessary to set the "BUTTON LAYOUT" in the game.

In COD: MW3, choose "OPTIONS BUTTON LAYOUT".

Change the setting of the BUTTON LAYOUT to "Default Flipped".

● Playing games

● Supported Games: FPS, TPS and Light gun games.

● Before playing a game, please set the game sensitivity according to personal preferences.

The suggested game sensitivity settings in COD: MW3:

Sensitivity	Gamers	Gaming phase	Game sensitivity
B	New Player	Shooting Game beginner	2-4
R	Regular Player	Mainly playing solo	4-6
E	Hardcore Gamer	Mainly playing online multiplayer	6-10

⚠ CAUTION

Please set the game sensitivity according to personal preferences before playing a game with the MAG II GUN. Different games may require different game sensitivity settings.

Notes

● No guarantee that all FPS, TPS and Light gun games would be supported.

● Please visit www.g-matecontroller.com for the latest information.

● Comparison of button layout between MAG II GUN and standard controller

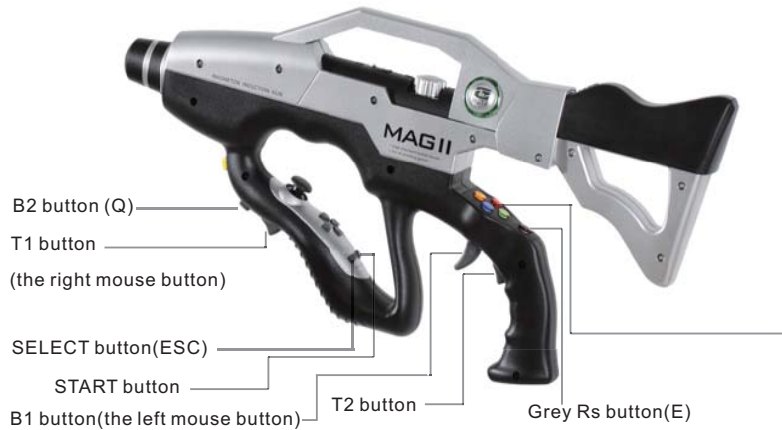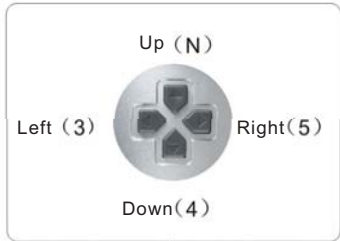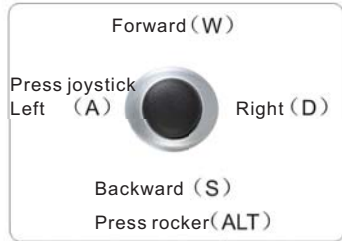### Notes

● Buttons with same numbers are with same functions

● Button ⑩ on MAG II GUN functions same as pressing down the joystick on a standard controller.

●MAG II GUN button functions in PC mode

Yellow ⚠ button Yellow(1)

Blue button 🔲 click (R)

long press(F)

Red ⭕ button

click(c)/long press(CTRL)

Geen ✕ button(blank)

Forward（W）

Press joystick
Left （A）　　　Right（D）

Backward（S）

Press rocker（ALT）

Up（N）

Left（3）　　　Right（5）

Down（4）

B2 button (Q)

T1 button

(the right mouse button)

SELECT button(ESC)

START button

B1 button(the left mouse button)

T2 button

Grey Rs button(E)

The contents inside the brackets is correspond to the letters and numbers of a standard keyboard.

●Corresponding buttons setting on PC

Before starting a game on PC, please set the games to correspond with MAG II GUN. Enter "Settings" of a game and set functions accordingly. MAG II GUN default setting is COD: MW3. For settings of other games, please download from www.g-matecontroller.com.

Yellow △ button: change weapons(1)

Blue ☐ button:
click=reload(R) /
long press=pick
up(F)

Red ◯ button:click
=crouch(c)/long press
=creep(CTRL)

Geen ✕ button:jump(blanket)

Forward（W）

Left（A）　　Right（D）

Backward（S）

Press:run/hold breath（ALT）

Up: Night-vision（N）

Left:
Grenade（3）

Right: claymore
mines（5）

Down: AGM missile（4）

B2 button:
flash bomb(Q)

T1 button:
aim(mouse right)

Cross button

SELECT button:
check target/score(TAB)

START button:pause/
start game(ESC)

B1 button:
trigger(mouse left)

T2 button:
throwing frag grenade(G)

Grey Rs button:close battle(E)

MAG II GUN Buttons layout and functions in COD: MW3.

Notes

The contents inside the brackets is correspond to letters and numbers on the keyboard.

●Choosing correct gun holding posture

Adjust gun holding posture to the most comfortable and easiest position. (A standing pose is recommended. For right-handed person, left hand in front and left thumb on the joystick, while right hand hold the grip. Left-handed person, please do this vise versa. This posture is for reference only. Adjust posture according to personal preferences.)
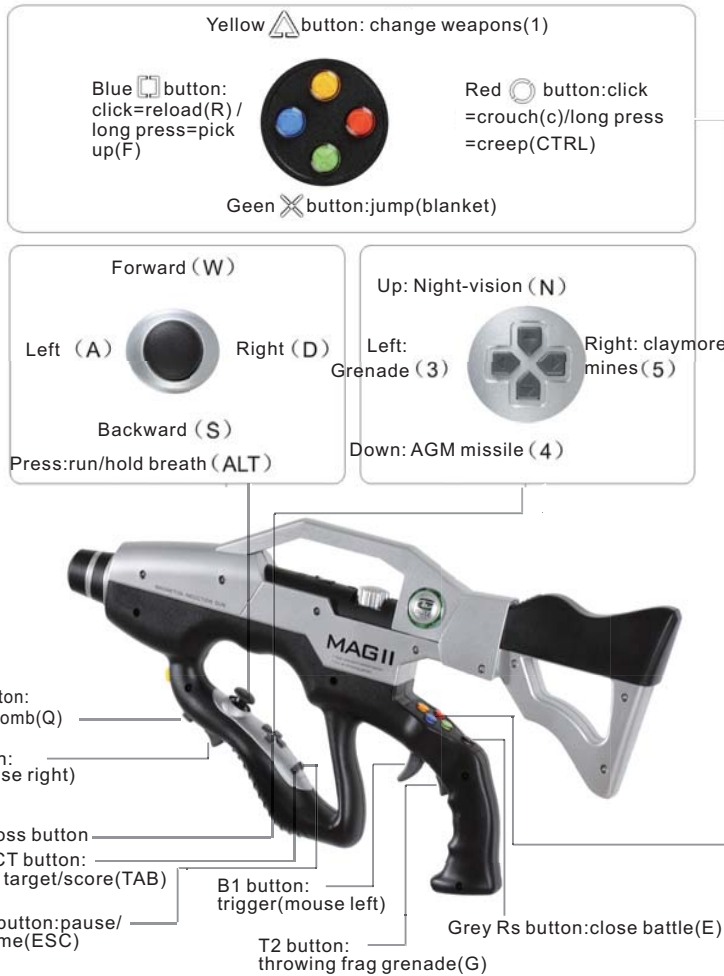
●Sensitivity/Function knob functionality

Functionalities

Functionalities of THE Sensitivity/Function Knob can be divided into five categories:

Category 1: ⬆ (Upgrade) MAG II GUN can be upgraded when it's at the Upgrade setting.

Category 2: (Toy level) MAG II GUN can shoot with vibration and can be used as a
toy gun.

Category 3: (Light gun) MAG II GUN can be used as a light gun to play light gun games like House of the Dead, Time Crisis etc.

Category 4: **BRE** are sensitivity settings for FPS/TPS games. like Call of Duty, Gears of War, Battlefield and Halo, etc. The B setting is suitable for new players, the R setting is for regular players, and the E setting is suitable for experienced gamers. The higher sensitivity, the more skillful the gamer is required to be.

Category 5: are the functionalitysettings. Each setting provides special functions for the MAG II Gun.

 (Split screen) MAG II GUN can horizontally split screen and turbo fire. The turbo fire performs auto rapid fire in games to increase the fire power, equal to repeatedly pressing the Rt/L1 button of a normal controller or the left mouse button of a keyboard.

 (Turbo level)MAG II GUN can perform turbo fire like B1 button, which is equal to repeatedly pressing the Rt/L1 button of a normal controller or the left mouse button of a keyboard.

 (Auto lock) MAG II GUN can perform turbo fire like alternately press B1 and T1 buttons. MAG II GUN can automatically lock the target in games with assistant aiming features.
This function is helpful when playing in Scenario Mode and Zombie Mode.

 (Faster Melee) MAG II GUN can perform melee like Rs button and will be two times faster than normal melee

 (Silent shot) Silent weapon fire without the need of a silencer. This function only works with single shot weapons. The target cannot hear the gun shot, so that cannot judge the direction of the bullet. This feature enables the player to have good cover while maintaining firepower, increasing the pleasure and realism of the game. Use this setting while walking or stopped. If used while running, the first shot will be delayed.

 (Super level) This setting empowers players fast melee, akimbo turbo and play possum functions. Under this setting, the player can fall flat and play possum. When lying down, move the joystick, the player can crawl forward, while pressing down the joystick will directly change to running. Play possumcan be cancelled by crouching, standing up, jumping or running. Reload or change weapons may be affected under play possum mode. If exiting "play possum" mode abnormally, the player may encounter continuous weapon change. If this occurs, use the jump to exit this mode.

Notes

The function settings are set according to the default button layout of COD: MW3. Some functions may not work in other games.
Variable angular velocity tuning technology is a patented technology of G-MATE. Copyright
reserved.
When using Frag Grenade and Mask in the game configuration, this setting will not function.
Blade is recommended to get best silent shot effect.
Play possum may not function when using the "Blast Shield".

●Mark the gunpoint

Two ways to mark the gunpoint:

1: Aim the MAG II GUN at the center of the screen, using your preferred gun grip and body posture. Hold the pose for three seconds until the indicator flashes twice. The MAG II GUN will mark the aiming spot as the screen center.

2: Aim the MAG II GUN at the center of the screen and press the MARK button then release. MAG II GUN will mark the aiming spot as the screen center.

●Start to play

●Set sensitivity in the game.

●Choose a suitable setting on the Sensitivity/Function knob on MAG II GUN.

●When starting a game for the first time after installing the battery compartment, aim the gun at the screen center and press the MARK button until the MAG II GUN vibrates, then release the button.

After the above three steps, play and enjoy your game with the MAG II GUN!

Notes

●Press the start button to pause or resume the game.

●If the aiming point moves away from the screen too much in game playing , press the MARK button and aim at the center of the screen, then release the MARK button and the aiming point is re-marked.

●If the screen moves abnormally while playing with the MAG II GUN, it may caused by electromagnetic interference. When it occurs, reset MAG II GUN according to the instructions on page 48 .

●Upgrade

The Upgrade setting is for upgrading of MAG II GUN. Application program upgrade is to provide more functions and more exciting user experience.

System upgrade is to provide enhanced performance for MAG II GUN.

Visit G-Mate website www.g-matecontroller.com.to upgrade your MAG II GUN. A USB cable is included in the accessories for upgrading.

⚠ CAUTION

Upgrading the MAG II GUN randomly can adversely affect its service life. Please follow the upgrading instructions on page to avoid any damage. The maximum of MAG II GUN system upgrade is 900 times and100, 000 times for its application upgrade.

Always check the setting of the Sensitivity/Function knob before turning on the power.When the pointer is set at the Upgrade , MAG II GUN cannot be turned on by the power button.

After upgrading, if MAG II GUN cannot be turned on immediately with the power button. Please remove the battery compartment, set the Sensitivity/Function knob AWAY from the Upgrade setting , and then re-install the battery compartment and power on.
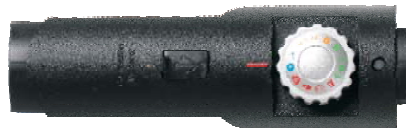
● Entering the upgrade application program

● Download the MAG II GUN upgrade program from http://www.g-matecontroller.com/support/ download/, follow the instructions and install to your PC.

● Download the MAG II GUN upgrading data packet to your PC (http://www.g-matecontroller. com/support/download/).

● Power on your MAG II GUN and set the Sensitivity/Function knob at Upgrade setting as shown below.

● Connect the MAG II GUN mini-USB port to the computer USB connector with the MAG II GUN USB cable.

Mini USB

Software Upgrade Port

After the above steps, MAG II GUN is ready for application program upgrading.

● Entering the upgrade the main program

● Download the MAG II GUN upgrade program from http://www.g-matecontroller.com/support/ download/, follow the instructions and install to your PC.

● Download the MAG II GUN upgrading data packet to your PC (http://www.g-matecontroller. com/support/download/).

● Power on your MAG II GUN and set the Sensitivity/Function knob at Upgrade setting as shown below. Detach the battery compartments, wait 10 seconds and then install battery compartments. Then the indicator light will be lit up automatically.

● Connect the MAG II GUN mini-USB port to the computer USB connector with the MAG II GUN USB cable.

Mini USB

Software Upgrade Port

After the above steps, MAG II GUN is ready for application program upgrading.

● **Upgrading application program**

Open the exclusive MAG II GUN Upgrade program which has been downloaded and follow the

steps below:

● **Upgrading the main program**

Open the exclusive MAG II GUN Upgrade program which has been downloaded and follow the

steps :

⚠ **CAUTION**

When upgrading application program, MAG II GUN should connect to MAG CUBE on wireless

condition.

● **Exiting upgrade mode**

Once the upgrade is completed, remove the USB cable from MAG II GUN.

Set the Sensitivity/Function knob away from the Upgrade setting ⬆ to exit.

● **Factory reset**

Clear all the data from the MAG II GUN and perform a factory reset.And you can download

the exclusive program on http://www.g-matecontroller.com/support/download/.Then please

follow the instructions on page 36-37to start the upgrade program into upgrading application

programs and upgrading the main program. Follow the instructions on page 41 to exit mode.

⚠ **Notes**

If unexpected interrupt occurs during upgrading, MAG II GUN will automatically revert to the

previous data settings.

●Customizing buttons functions
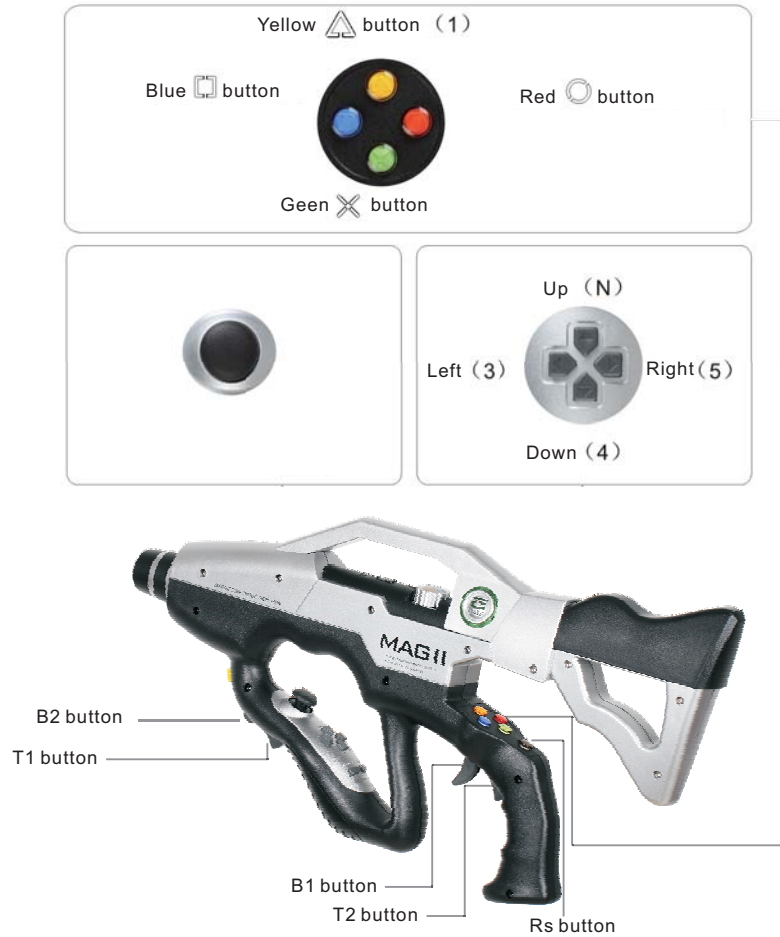
The Customized Button function allows the user to change the button layout on MAG II GUN directly without connecting to the console/PC.

Buttons that can be customized:

Yellow △ button（1）

Blue ☐ button   Red ○ button

Geen ✕ button

Up（N）

Left（3）   Right（5）

Down（4）

B2 button

T1 button

B1 button

T2 button   Rs button

The customized buttons can be exchanged for once. The buttons can be customized,but please clear the previous setting before button redefine.

MAG II GUN with customized button settings works with console and PC.

After using the Customized Button function, the button layout can be changed by following instructions in this manual

●Entering /Exiting the button custom function

Press the START + SELECT buttons at the same time for 2 seconds. When the LED power indicator flashes at a frequency of 2Hz, the MAG II GUN has entered Remap mode.

Once entering Remap mode, if no changes are made to the settings within 10 seconds the MAG II GUN will automatically exit the Customized Button mode.

Once entering Remap mode and changes are made to the button settings, if the Start and Select buttons are not pressed to exit the Customized Button mode within 20 seconds, the MAG II GUN will automatically exit the Customized Button mode without recording the changes.

●Swapping button function

Press the START + SELECT buttons at the same time for 2 seconds. The MAG II GUN will enter Customized Button mode. Press the two buttons you need to swap one by one, then press the START + SELECT buttons together again for 2 seconds. When the power indicator back to normal, MAG II GUN exited the Customized Button mode.

Rs button

For example: press the Rs button,

T2 button

then press the T2 button, their functions are swapped.

●Swapping the joystick

Press the START + SELECT buttons at the same time for 2 seconds. The MAG II GUN will enter Customized Button mode. Press the joystick first,then press Mark mode, you can swap the joystick left and right.Then press the START + SELECT buttons together again for 2 seconds. When the power indicator back to normal, MAG II GUN exited the Customized Button mode.

For example: press the Rs button,

Joystick

then press the T2 button, their functions are swapped.

MARK button

●Clearing Customized Button settings

Press the START + SELECT buttons at the same time for 2 seconds. The MAG II GUN will enter Customized Button mode. Press the START + SELECT buttons together again for 2 seconds. When the power indicator back to normal, MAG II GUN exited the Custom Button mode.

After the custom button settings are cleaned, the MAG II GUN will automatically exit the Customized Button mode.

●Age Limits

The user should be able to distinguish virtue from reality.

The user should be above 7 years old.

This product is intended for game use only. Do not imitate game situations in real life.

When using the MAG II GUN, avoid exposing children to inappropriate content. Age limits for the content of different games and gaming consoles are varied. Use carefully when choosing and playing games to avoid children to be exposed to inappropriate content.

●Resetting the MAG II GUN

MAG II GUN may need resetting as follows if used under complicated environment:

●If several MAG II GUN units are to be used in one operating area, connect one MAG CUBE to the console/PC . Press the Connect button on the gun, then press the Connect button on the MAG CUBE within 15 seconds to match the gun with the cube. Match other MAG II GUN with their MAG CUBE one by one with the same method.

Resetting the environment parameters

● If problems are encountered while using MAG II GUN, most can be solved by the following methods:

●Remove the battery compartment, and re-install after 10 seconds. Aim the MAG II GUN at the center of the screen, press the yellow MARK button until the MAG II GUN vibrates. Then release the button and start playing.

●Clear all the data from the MAG II GUN and perform a factory reset.And you can download the exclusive program on http://www.g-matecontroller.com/support/download/.Then please follow the instructions on page 36-37to start the upgrade program into upgrading application programs and upgrading the main program. Follow the instructions on page 41 to exit mode.

● Press the START + SELECT buttons at the same time for 2 seconds. The MAG II GUN will enter Customized Button mode. Press the START + SELECT buttons together again for 2 seconds. When the power indicator back to normal, MAG II GUN exited the Custom Button mode.

After the custom button settings are cleaned, the MAG II GUN will automatically exit the Customized Button mode.

●Before Sending for Repairs

Please refer to the information below if you have any other problems while using the MAG II GUN. If problems remain, contact the local distributor for service.

●Power

If MAG II GUN cannot be powered on, please check the following:

●Ensure the battery compartment is correctly installed.

●Ensure the batteries are correctly installed in the battery compartment.

● Ensure the batteries are new and well charged. The power indicator will blink if the battery power is low. Replace the batteries timely according to the instructions on page ___.

●Connection

If the MAG II GUN does not work, please check the following:

● Check that the batteries are new and well charged. The power indicator will blink if the battery power is low. Replace the batteries timely according to the instructions on page ___

● Check the operating distance. The MAG II GUN is a wireless device and the operating distance between the gun and the matched MAG CUBE can be up to 8 meters. Actual operating distance can vary according to local conditions. Avoid using the MAG II GUN too far away to avoid signal interruption.

●Match the MAG II GUN and the MAG CUBE manually if the above methods won't work.

●Calibrating the magnetism environment

● If there are a lot of metal objects or strong magnetic interference in the operating area, magnetism environment calibration is required.

Calibrating Procedure:

Remove the battery compartment.

Press the yellow MARK button and re-install the battery compartment.

Slowly and steadily swing the MAG II GUN randomly to gather the environmental data.

Stop swinging MAG II GUN when the power indicator flashes and then press the yellow

MARK button until the indicator stops flashing. The calibration is completed.

When starting a game after calibration, wait for the power switch to light up, aim the MAG II

GUN at the center of the screen and press the MARK button until the MAG II GUN vibrates,

then release the button to start playing .

●Buttons

●If a malfunction occurs during game playing, check to see if any buttons is stuck.

●Other Problems

●Different games require different setting configurations. Please refer to the related game setting instructions for the chosen game.

● PC configuration may delay the reaction speed of MAG II GUN in gameplay. This is not a malfunction of the MAG II GUN.

●Specifications

The manufacturer reserves the right to change the design or specifications of the MAG II GUN and MAG CUBE units at any time without notice. Descriptions and photos in this manual may vary from the actual MAG II GUN due to product updates.

Wireless Communication Protocol	2.4G
Valid Communication Distance	≤8 meters
Power Consumption	50-300mA
Dimensions	500mm*250mm*50mm
Weight	about 500g
Operating Temperature	-5℃-70℃
Battery Type	4 AA(LR6)battery
Operating Voltage	DC6V
Battery Capacity	about 1500mAh

●Warranty

Terms and conditions for guarantee in concerned areas can be found in the following official website: http://www.g-matecontroller.com.

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