

MACH2

FORESIGHT
SPORTS

USER MANUAL

Display & Button Guide



Basic Operation/Controls

Power Mode/Button

The MACH2 Radar Gun is powered by 4 AA alkaline batteries in the handle or by USB-C cable port on the right side of the gun to a connected power source.

To power on, press and hold the center button until the screen fully illuminates. To power off, press and hold the center button for 3 seconds.

To change the unit of measurement (MPH/KPH), hold the center button until switched, then release the button.

TRIGGER BUTTON

To track speeds, hold the trigger until the gun symbol appears in the top left of the LCD screen. Once the action being tracked is complete, release the trigger.

LEFT BUTTON

Press and hold the left button to cycle through the secondary display options. When the desired element appears, release the button. (Options: Minimum Pitch Speed, Exit Velocity off the bat and No Data.)

RIGHT BUTTON

Once a pitch is recorded, the device will save up to five previous pitches. To access, press the right button to view speeds from the previous pitches recorded. The most recent pitch will display first.

CONTINUOUS FIRE MODE

To enable Continuous Fire Mode, press the trigger and left button simultaneously. The Radar Gun symbol will stay illuminated in the top left of the LCD screen. This indicates the gun is in Continuous Fire Mode. To disable, press the trigger and left button simultaneously again.

MACH2 ACCURACY TIP

The MACH2 radar gun is best used when the object is traveling directly towards or directly away from the device. When the object is moving at a steep angle or perpendicular to the gun, the readings will be negatively impacted. The closer to the action, the better the reading.

Bluetooth Enabled Radar Gun

Scan the code to download the MACH2 app to register your product.



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App Features

- Audible speed readout
- Filter pitch types post-session
- Video with speed overlay
- Analyze speed trends



FSS00005113

For the full user manual, questions and warranty/repair information, visit:
www.support.foresightsports.com

Mach 2 Manual or QSG- Regulatory Approvals and Certifications page

U.S.A.



Safety:

UL 62368-1:2018 Audio/video, information, and communication technology equipment – Part 1: Safety requirements

EMC:

FCC 47 CFR Part 15B Title 47: Telecommunications; Part 15 – Radio Frequency Devices

Wireless:

FCC ID: 2A6QA-MACH2FSS

FCC 47 CFR 15.247 Operation within the bands 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz

FCC 47 CFR 15.245 Operation within the bands 902-928 MHz, 2435-2465 MHz, 5785-5815 MHz, and 10500-10550 MHz and 24075-24175 MHz

Statement of Conformity:

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.*

Note:

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



- Reorient or relocate the 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

Caution Regarding Modifications:

Any changes or modifications NOT explicitly APPROVED by Foresight Sports could cause the MACH2 module to cease to comply with FCC rule's part 15 thus voiding the user's authority to operate the equipment.

Canada

Safety:

CAN/CSA-C22.2 No. 62368-1 3rd Ed. Information technology equipment – Safety – Part 1:
General requirements

EMC:

ICES003 Information Technology Equipment (including Digital Apparatus)

Wireless:

IC: 28505-MACH2FSS

RSS-247 Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices

RSS-210 Licence-Exempt Radio Apparatus: Category I Equipment

Statement of Conformity:

CAN ICES-003(B) / NMB-003(B) – Class B device

ISED Compliance Statement: This statement confirms that the device complies with ISED's license-exempt RSS standards and outlines operational conditions:

English: This device complies with ISED 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.*

French: Le présent appareil est conforme aux CNR d'ISDE 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'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.



Caution Regarding Modifications:

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

French: Les changements ou modifications non expressément approuvés par la partie responsable de la conformité peuvent annuler le droit de l'utilisateur à utiliser l'équipement.

EU



Safety:

IEC 62368-1:2014 2nd Ed. Audio/video, information, and communication technology equipment – Part 1: Safety requirements

EMC:

EN-55032 Electromagnetic compatibility of multimedia equipment – Emissions requirements

EN-55035 Electromagnetic compatibility of multimedia equipment – Immunity Requirements

Wireless:

Radio Equipment Directive 2014/53/EU

ETSI EN 300 328 V2.2.2 Wideband transmission systems; Data transmission equipment operating in the 2.4 GHz ISM band and using wideband modulation techniques; Harmonised Standard for access to radio spectrum

ETSI EN 300 440 V2.2.1 Short Range Devices (SRD); Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Harmonised Standard for access to radio spectrum

Statement of Conformity:

This product complies with the following European Union CE directives:

Low Voltage Directive 2014/35/EU

Electromagnetic Compatibility Directive 2014/30/EU

Radio Equipment Directive 2014/53/EU

Australia/New Zealand

**Safety:**

AZ/NZS 62368-1:2014 2nd Ed. Audio/video, information, and communication technology equipment – Part 1: Safety requirements

EMC:

AS/NZS-CISPR32 Electromagnetic compatibility of multimedia equipment – Emissions requirements

Wireless:

AS/NZS 4268 Radio equipment and systems—Short range devices—Limits and methods of measurement

Statement of Conformity:

This device complies with the Australian Communications and Media Authority (ACMA) standards. Operation is subject to the condition that this device does not cause harmful interference and must accept any interference received, including interference that may cause undesired operation.

Japan

Safety:

JS 62368-1:2014 2nd ED. Audio/video, information, and communication technology equipment – Part 1: Safety requirements

EMC:

VCCI-C5:2019 CISPR32 Agreement of Voluntary Control Council for interference by Information Technology Equipment.

**Wireless:**

MIC Not. No. 88, 2004, An. 43

Test Methods for Specified Radio Equipment



R 013-012345

(Need actual registration number next to mark)

Statement of Conformity:**English:**

This device complies with the technical standards specified in the Radio Law of Japan. The "Giteki" mark and certification number displayed on this product indicate that it has been approved for operation in Japan.

Japanese (as typically required in Japan):

本製品は、日本の電波法に基づく技術基準に適合しています。本製品に表示されている「技適」マークおよび認証番号は、日本での運用が承認されていることを示しています。

Korea

MSIP-WWW-XXX-YYY-ZZZZ

(need Radio and device registrations number to the right of mark)

Safety:

KS C IEC 62368-1 Information technology equipment – Safety – Part 1: General requirements

EMC:

KS C 9832:2019 Electromagnetic Interference Prevention Test for Multimedia Equipment

KS C 9835:2019 Electromagnetic Wave Immunity Test for Multimedia Devices

KS X 3214:2020 Common Electromagnetic Compatibility (EMC) Test Methods for Radio Equipment

KS X 3125:2020 Electromagnetic Compatibility (EMC) Test Methods for Specific Low Power Wireless Devices

KS X 3126:2020 Electromagnetic Compatibility (EMC) Test Methods for Specific Low Power Wireless Devices for Wireless Data Communication Systems

Wireless:

KS X 3123 Annex G, J Conformity Assessment Test Methods for Radio Equipment



Statement of Conformity:

English:

This device complies with the requirements of Annex G of KS X 3123. It has been tested for electromagnetic compatibility and radio frequency characteristics as specified in this standard. Operation of this device is authorized within the specified limits, ensuring minimal interference with other equipment.

This device complies with Annex J of KS X 3123, which specifies additional requirements for specific radio equipment. All relevant tests for electromagnetic compatibility and performance were successfully completed. This ensures compliance with the operational criteria set forth in the standard.

Korean:

본 장치는 KS X 3123의 Annex G 요구 사항을 준수합니다. 전자파 적합성 및 표준에서 명시된 무선 주파수 특성에 대해 테스트를 완료하였습니다. 본 장치는 지정된 한도 내에서 작동하도록 허가되었으며, 다른 장비와의 간섭을 최소화합니다.

본 장치는 KS X 3123의 Annex J에 명시된 특정 무선 장비에 대한 추가 요구 사항을 준수합니다. 전자파 적합성 및 성능에 대한 관련 테스트를 모두 완료하여 표준에서 규정한 작동 기준을 준수함을 보장합니다.

Taiwan



CCXXxxYYyyyZzW

(need Radio and device registrations number to the right of mark)

Safety:

IEC 62368-1

Information technology equipment – Safety – Part 1: General requirements (Need to receive the reports to know, May be exempt)

EMC:

CNS 15936:2016

Electromagnetic compatibility of multimedia equipment – Emission requirements

Wireless:

LP0002, Part 4.2.2

Technical Specifications for Low-power Radio-frequency Devices

Statement of Conformity:

English:



This device complies with the Low-power Radio-frequency Devices Technical Regulations of the National Communications Commission (NCC). Operation is subject to the condition that this device does not cause harmful interference and must accept any interference received, including interference that may cause undesired operation.

Chinese:

本產品符合國家通訊傳播委員會（NCC）低功率射頻器材技術規範。操作時應注意以下兩點：(1) 本產品不得造成有害干擾，(2) 本產品必須接受任何干擾，包括可能引起操作不正常的干擾。