



NOVA User Manual

by Open Launch

Table of Contents

1. Introduction
2. Safety Guidelines
3. What's in the Box
4. System Requirements
5. Getting Started
 - 5.1 Physical Setup
 - 5.2 Software Installation
6. Connectivity
 - 6.1 Wi-Fi
 - 6.2 Bluetooth
 - 6.3 Radar
7. Maintenance and Care
8. Warranty and Support
9. Compliance Statements

1. Introduction

Congratulations on purchasing the Nova! Nova is designed to provide accurate data and enhance your golf simulation experience with advanced features and user-friendly software.

Welcome to NOVA — the smart, approachable golf simulation system built for players of all levels. Whether you're practicing your swing, enjoying family time, or going head-to-head with friends, NOVA delivers accurate data and a powerful experience in an easy-to-use format.

NOVA combines:

- Intuitive touch controls
- Visual ball tracking

- Precision sensing
- Simple wireless connectivity

2. Safety Guidelines

- Place NOVA on a flat, level surface.
- Keep clear of liquids and heat sources.
- Only use the supplied power adapter.
- Children should operate the unit under adult supervision.
- Only swing directly through the hitting area. The side swing radar only measures this area for active golf swings and golf ball motion.
- Do not swing or perform fast motions above the nova. The controls radar measures where the club head is. Do not swing or direct the ball above the Nova.
- Do not clean or tamper with the camera sensors or cover while the device is powered on, as this may pose a risk of injury or damage.

3. What's in the Box

- NOVA Launch Monitor
- Power Adapter
- DC Extension Cable

4. System Requirements

- A stable Wi-Fi connection

5. Getting Started

5.1 Physical Setup

1. Place NOVA on a level hitting surface.
2. Align the unit parallel to your intended target line.
3. Connect the power adapter and plug it into a wall outlet.

5.2 Software Installation

1. Visit <https://apps.microsoft.com/detail/9p01rhfl3jkl>



6. Connectivity

6.1 Wi-Fi

Purpose: Allows NOVA to connect to the internet for software updates, video streaming, and cloud services.

Setup: Connect through your home router using the NOVA software. A reliable connection ensures smooth operation.

6.2 Bluetooth

Purpose: Enables direct data sync with nearby devices without internet.

Range: Up to 10 meters

Tip: Use Bluetooth to quickly connect with compatible accessories or mobile devices.

6.3 Radar

- Swing Radar

The Nova Golf Entertainment Systems uses its primary swing radar to detect the presence of motion events corresponding with golf swings. The radar technology is used to constrain the distance of the swing such that only relevant events passing through the correct swing registration area trigger the camera systems, beginning the shot capture sequence.

- Controls Radar

A second radar is placed with a viewing area above the Nova. This radar is used to detect the positions and gestures of the user's input via a club positioned above the unit. This provides distance, presence, and gestures to allow control of gameplay events and menus without traditional computer human interface devices.

7. Maintenance and Care

- Clean the device with a soft, dry cloth.
- Avoid using harsh chemicals or abrasive materials.

8. Warranty and Support

NOVA includes a 1-year limited warranty.

For help, visit: <https://openlaunch.io/support>

Email: support@openlaunch.io

Thank you for choosing Nova. Enjoy your game!

9. Compliance Statements

9.1 FCC Compliance Statement

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.

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 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.

Radiation Exposure Statement:

1. This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.
2. The device has been evaluated to meet general RF exposure requirement.

9.2 CE Compliance Statement

This video game controller complies with the essential requirements of the EU directives for safety, health, environment, and consumer protection.

Declaration of Conformity:

The manufacturer declares that this product is in compliance with the essential requirements and other relevant provisions of the following EU directives:

- Electromagnetic Compatibility Directive (EMC) 2014/30/EU
- Low Voltage Directive (LVD) 2014/35/EU (if applicable)
- Radio Equipment Directive (RED) 2014/53/EU (if applicable for wireless controllers) A copy

of the Declaration of Conformity is available upon request.

WEEE Directive Compliance:

This symbol on the product or its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of the device at an appropriate collection point for the recycling of electrical and electronic equipment.

Proper disposal and recycling help protect natural resources and prevent potential negative consequences for the environment and human health.

For more detailed information about recycling, contact your local city office, waste disposal service, or the store where you purchased the product.

ISED Canada User Manual Guidance

1. ISED Canada RSS-Gen Notice (in English and French):
“This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada’s licence-exempt RSS(s). Operation is subject to the following two conditions:
 1. This device may not cause interference.
 2. This device must accept any interference, including interference that may cause undesired operation of the device.”
1. “L’émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d’Innovation, Sciences et Développement économique 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 ;
 2. L’appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d’en compromettre le fonctionnement.”
2. ISED Canada ICES-003 Compliance Label (CAN BE PROVIDED ON LABEL OR in MANUAL):
This is only required **if** the product is within ICES-003 scope and is not exempt: * Insert either “A” or “B”, but not both, to identify the applicable Class of the device used for compliance verification.
“CAN ICES-3 (*)/NMB-3(*)”
3. ISED Canada Notice for Equipment with Detachable Antennas (for license-exempt equipment): -
For licence-exempt equipment with detachable antennas, the user manual shall also contain the following notice in a conspicuous location:
This radio transmitter [enter the device’s ISED certification number] has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.
Immediately following the above notice, the manufacturer shall provide a list of all antenna types which can be used with the transmitter, indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna type.
4. RF Exposure Guidance Statement (in English and French, for equipment used a specified distance (more than 5mm away from persons)):
“In order to comply with ISED RF Exposure requirements, this device must be installed to provide at least 20 cm separation from the human body at all times.
“Afin de se conformer aux exigences d'exposition RF ISED, cet appareil doit être installé pour fournir au moins 20 cm de séparation du corps humain en tout temps. “

(EN) This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

(FH) Lors de l'installation et du fonctionnement de cet équipement, la distance minimale entre le radiateur et le corps doit être de 20 cm

IC RF Exposure statement

Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

Déclaration d'exposition aux radiations :

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

This radio transmitter [enter the device's ISED certification number] has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

Le présent émetteur radio [identifier le dispositif par son numéro de certification d'ISDE] a été approuvé par Innovation, Sciences et Développement économique Canada pour fonctionner avec les types d'antenne énumérés ci dessous et ayant un gain admissible maximal. Les types d'antenne non inclus dans cette liste, et dont le gain est supérieur au gain maximal indiqué pour tout type figurant sur la liste, sont strictement interdits pour l'exploitation de l'émetteur.

The antenna (type / gain / impedance) which can be used with the transmitter is: 2.5dbi/7dbi

L'antenne (type / gain / impédance) qui peut être utilisée avec l'émetteur est : 2.5dbi/7dbi

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

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.

RF Exposure Guidance Statement:

This device must be installed to provide at least 20 cm separation from the human body at all times.

Radiation Exposure Statement:

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment.

FCC Part 15 Clause 15.21 [Do not Modify warning]:

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

CE Compliance Statement

This product complies with the essential requirements of the EU directives for safety, health, environment, and consumer protection:

- Electromagnetic Compatibility Directive (EMC) 2014/30/EU
- Low Voltage Directive (LVD) 2014/35/EU
- Radio Equipment Directive (RED) 2014/53/EU

WEEE Directive Compliance:

This product must not be disposed of with household waste. Proper disposal at an appropriate collection point helps protect the environment.

ISED Canada Compliance

IC Radiation Exposure Statement:

This equipment must be installed and operated with a minimum distance of 20 cm between the radiator & your body.