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Launch Monitor
User Guide

Shot Scope

Contents

Inside the box	2
About the LM1 Launch Monitor	3
Menu navigation	5
Charging the LM1 Launch Monitor	6
Positioning the LM1 Launch Monitor	7
Start a training session	9
History / Upload your data	12
Settings	15
Technical specifications	17

Page

2

3

5

6

7

9

12

15

17



Scan QR code
for more set up help

shotscope.com/getstarted

LM1

Inside the box

- 1x Shot Scope LM1 Launch Monitor
- 1x Protective Carry Case
- 1x USB Charging Cable
- 1x Cleaning Cloth



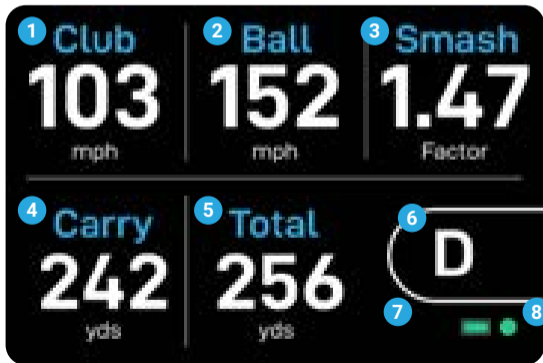
LM1 Launch Monitor

The Shot Scope LM1 is designed to help you improve your game by providing accurate ball and club data during practice sessions, on-course play, and speed training.

The launch monitor measures and displays key metrics

LM1 Key

1. Clubhead Speed
2. Ball Speed
3. Smash Factor
4. Carry Distance
5. Total Distance
6. Selected Club
7. Battery Level
8. Bluetooth Status



1. Radar Sensor
2. Power Button
3. Up Button
4. Down Button
5. Back Button
6. Charging Port
7. Kickstand



Navigation

The LM1 has four buttons on the right-hand side for navigation and club selection.

Grey Button

Long Press = To turn launch monitor on/off

Short Press = To confirm a selection

Up Button = Move up / change club

Down Button = Move down / change club

Back Button = Go back to previous menu



Power on / confirm

Up / change club

Down / change club

Back

Charging

The launch monitor uses a rechargeable lithium battery. To charge the device, connect the USB-C cable provided to the charging port. A battery icon will appear on the screen indicating the charging status.

Charging & Battery Specifications

- Battery: 3.7V Lithium (1800mAh)
- Charging: USB-C
- Charging Time: 2 hours
- Usage Time: 5 hours
- Charger Output: 5V 2A

Battery Status



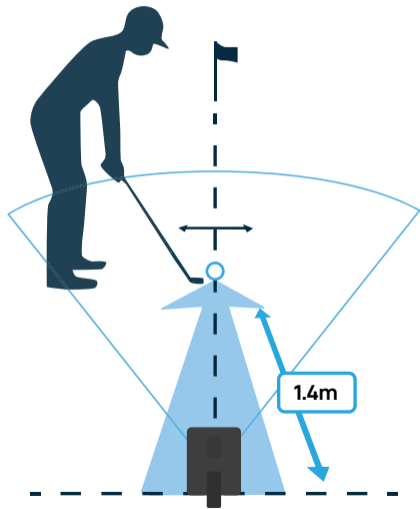
Charging



Fully Charged



Positioning the Launch Monitor



Ensure the launch monitor is set up correctly for accurate performance metrics.

1. Place the golf ball in the desired strike location
2. Place the launch monitor on the ground (*preferably on the same ground level as the strike location*) **1.4m (4-5ft)** behind the strike location.
3. Keep the launch monitor in line with the hitting direction to ensure accurate use.

Note: The screen of the launch monitor should face the hitting direction.

See page 9 for speed training set up

Caution!

Failing to take one or more of the following actions could result in possible property damage or personal injury while using the device indoors:

- Ensure there is adequate ceiling height and that no objects can obstruct your backswing or follow through.
- Ensure that any net or impact screen is set up with adequate free space behind the net or screen.
- Ensure that any net or impact screen is sufficiently tall and wide to catch any high-lofted clubs or off-center strikes.
- Ensure that any net or enclosure frame is padded to help reduce ball ricochet.
- Shot Scope is not responsible for incorrect set up of training facilities.

Using the device near other radio devices, computers or Launch Monitors could cause interference to the radar inside the LM1 and provide incorrect readings.

Start a Training Session

The LM1 Launch Monitor has three training session modes: **Practice Range**, **On Course** or **Speed Training**

To start a session, power on the device. You will then see the main menu shown on right.

Select **Start Session** and then select what type of training session you would like to undertake.

Speed Training

Select **Speed Training** if you wish to perform a speed training session. This will give you your swing speed in mph or kmph.

Note: For speed training we recommend placing the launch monitor **2.1m (6-8ft)** behind you depending on your swing speed.



Practice Range / On Course

You can use the launch monitor indoors, on a practice range, or outside on the golf course. Select **Practice Range** or **On Course** if you would like to record advanced club and ball speed metrics.

By default the launch monitor will display the advanced display and shows clubhead speed, ball speed, smash factor, carry distance and total distance.

Use the up and down buttons to scroll through the club list and select your current club during a session. A chart is provided in the packaging box with the most common golf clubs available on the device to select. If your club is not available, select one with the closest loft

If you prefer, you can view your metrics via the large digit display mode which can be turned on in the

Advanced Display



Large Digit



settings menu. Large digit display allows the golfer to easily view the data and toggle through each metric using the select button. To exit a session at anytime press the back button. All of your data will be automatically saved within **History** on the LM1.

Within the settings menu of the launch monitor, you can customize your display by selecting the following options:

- **Color:**
Black, or Blue
- **Layout:**
Advanced or Large Digit



Option 1 - Black



Option 2 - Blue

History

All training sessions are stored within **History** on the launch monitor.

- **Practice Sessions** – Select to view previous practice session history.
- **On Course Session** – Select to view previous on-course session history.
- **Delete History** – Select to delete all session history.

To save your data upload to the Shot Scope app after each session.



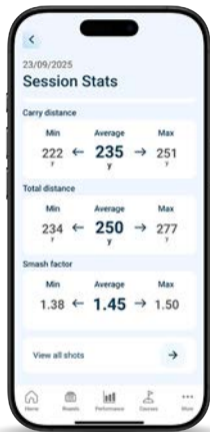
Uploading your data to the Shot Scope app

Immediately after each training session, we recommend you upload your data to the free Shot Scope app to save and analyze your data **within the app**.

To install the Shot Scope App, simply search for Shot Scope on either the Apple App Store or the Google Play Store. You will then be asked to register a Shot Scope account. If you are an existing Shot Scope user you can use your current account with the LM1.

To connect the LM1 to the Shot Scope app ensure Bluetooth is turned on in the launch monitor. Turn Bluetooth on in your phone settings, log into the app and then press the **Connect** button at the top of the app. Your data will then upload to the app.

Visit the [Scope Scope support website](#) for more information on the app and how to get the most out of your launch monitor data.



How to turn Bluetooth on

1. From the main menu, press down until you reach **Settings** and press the **Select** button
2. Select **Bluetooth** from the **Settings** menu
3. Press Select to turn Bluetooth **on**
4. On your iOS/Android device, go to settings and ensure your Bluetooth is turned on.



Bluetooth On



Bluetooth Off

Settings

Within the **Settings** menu you can change the following options:

- **Language:** Available in English, French & German
Default: **English**
- **Bluetooth:** On/Off
- **Units:** Mph/Yds or Kmph/Meters
Default: **Mph/Yds**
- **Color:** Black/Blue
Default: **Black**
- **Layout:** Advanced or Large Digit
Default: **Advanced**
- **Brightness:** Press the **UP/DOWN** buttons to adjust the screen brightness and press **SELECT** to confirm.



Technical Specifications

Radar Sensor:

Sensor Frequency: 24 GHz (K Band)
Sensor Method: Doppler Radar Sensor
Battery: 3.7V Lithium Battery (1800mAh)
Charger Output: 5V 2A
Charging Time: 2 Hours
Usage Time: 5 Hours
Club Head Speed: 25-220mph
Ball Speed: 34-220mph
Smash Factor: 0.10 to 1.80
History: Up to 1920 shots
Positioning: 1.4m behind the ball
Range: 30-400yds

Electrical & Physical:

Measuring Range: 20-320m (Carry)
Dimensions: 146.5mm x 103.5mm x 25mm
Weight: 300g
Operating Temperature: -10C to +50C
Charging: USB Type-C
Bluetooth: Yes

Warranty: 24 Months

Shot Scope Technologies Ltd

LIMITED WARRANTY & SAFETY INFORMATION

FOR CONSUMERS PROTECTED BY CONSUMER PROTECTION LAWS OR REGULATIONS IN THEIR COUNTRY OF PURCHASE. THE BENEFITS CONFERRED BY THIS LIMITED WARRANTY ARE IN ADDITION TO ALL RIGHTS CONVEYED BY SUCH CONSUMER PROTECTION LAWS AND REGULATIONS. Shot Scope Technologies Ltd products are warranted to be free from defects in materials, components and workmanship through normal use. The Warranty Period begins on the date of purchase from Shot Scope Technologies Ltd and lasts for a period of (24) months for a new product.

If a defect in material, component or workmanship is discovered within the Warranty Period you must notify Shot Scope Technologies Ltd in writing. In no event shall such notifications be received by Shot Scope Technologies Ltd later than 14 days after the expiration of the Warranty Period. Shot Scope Technologies Ltd will, at its sole option, repair or replace any materials or components that fail in normal use. Such repairs or replacement will be made at no charge to the customer for parts or labour, provided that the customer shall be responsible for any shipping and transportation cost. All returns must be shipped to Shot Scope Technologies Ltd service centre for assessment prior to repair or replacement.

Shot Scope Technologies Ltd retains the exclusive right to repair or replace (with a new or newly overhauled replacement product) the device or software or offer a full refund of the purchase price at its sole discretion. SUCH REMEDY SHALL BE YOUR SOLE AND EXCLUSIVE REMEDY FOR ANY BREACH OF WARRANTY. Contact support@shotscope.com for a returns form and further instructions. A copy of the original sales receipt is required as the proof of purchase for warranty services. The customer is responsible for all shipping and transportation costs, for shipping details contact Shot Scope Technologies Ltd.

EXCLUSIONS AND LIMITATIONS

This limited warranty extends only to products purchased from Shot Scope Technologies Ltd or an authorized reseller. This warranty does not apply to: (i) cosmetic damage such as scratches and dents; (ii) consumable parts, such as batteries, unless product damage has occurred due to a defect in materials, component or workmanship; (iii) damage caused by accident, abuse, water, flood, fire, or other acts of nature or external causes; (iv) damage caused by service performed by anyone who is not an authorized service provider of Shot Scope Technologies Ltd; (v) damage to a product that has been modified or altered without written permission of Shot Scope Technologies Ltd; or (vi) damage to a product that has been not been charged or powered in accordance with the charging and powering instructions provided by Shot Scope Technologies Ltd; (vii) the product is supplied or licensed for beta, evaluation, testing or demonstration purposes for which Shot Scope Technologies Ltd does not charge a purchase price.

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ONLINE AUCTION PURCHASES

Products purchased through online auctions are not eligible for warranty coverage. Online auction confirmations are not accepted for warranty verification. To obtain warranty services, an original or copy of the sales receipt from the original retailer is required.

TECHNICAL SUPPORT

This limited warranty is neither a service nor a support contract.

Answers to technical support questions can be found at: support.shotscope.com

SAFETY INFORMATION & HEALTH WARNINGS

For your personal safety and to avoid damage to device follow safety information guidelines detailed below. Failure to avoid the following potentially hazardous situations could result in serious injury: •Always consult your Physician/Doctor before beginning or modifying any exercise program. If you have a pacemaker or other implanted electronics device, consult your Physician/Doctor before using any electronic devices from Shot Scope Technologies Ltd. Always unplug the device first before cleaning it. •Do not expose the device or any other electronics product used to charge the device to liquid, moisture, humidity, or rain whilst charging the device. Exposure to water or moisture during charging could result in damage to the electronics circuits and may result in failure or explosion. •Only use the device as detailed in the user manual.

BATTERY WARNINGS

If these guidelines are not followed, the internal lithium battery may experience a shortened life span or may present a risk of damage to the device, fire, chemical burn, electrolyte leak, and/or injury.

- Do not charge or use the unit in a car or similar place where the inside temperature may be over 45 degrees Celsius (113°F). To prevent damage, remove the device from the vehicle or store it out of direct sunlight, such as in the glove box.
- Do not disassemble, modify, re-manufacture, puncture or damage the device.
- Do not short circuit the battery or device by bringing the terminals in contact with metal or another object. This could cause personal injury, explosion or fire.
- Do not immerse or expose the device to water, other liquids, fire, explosion, or any other hazard.
- Do not shock the battery by dropping or throwing it.

- Do not operate the device outside of the temperature ranges specified in the temperature specifications in this manual.
- If the device or battery shows any type of damage, such as bulging, swelling or disfigurement. Discontinue use immediately and contact Shot Scope Technologies Ltd.
- Keep any exposed battery out of reach of infants or small children.

CARE GUIDELINES

- Avoid extreme shock and harsh treatment, because it can degrade the life of the device.
- Only use a damp cloth or paper towel with water to clean the device.
- Do not spray with any chemicals to clean the device.
- Do not expose the device to extremely high or low temperatures.
- Do not bring the device into contact with any sharp objects. This could cause damage or scratches.
- Do not attempt to repair, modify or disassemble your Shot Scope device; it does not contain any user-serviceable components and doing so will void the warranty.
- Use the supplied USB cable to charge the Shot Scope device with USB compliant ports.
- If the device becomes submerged in a liquid, turn the device off, wipe excess liquid from the surface of the device and place the device in a dry area for 24 hours. In most cases the device should power up and function properly once completely dried. If the watch does not power up after following these steps contact customer support if your warranty period is still active.
- If the device comes into direct and prolonged contact with chemicals or sunscreen its appearance may be altered.

POWER SPECIFICATIONS

Charging: 5V USB

BATTERY

The device has an internal Lithium rechargeable battery. The battery should only be replaced by authorized Shot Scope Technologies Ltd approved personnel. A customer should never attempt to replace the battery.

TEMPERATURE SPECIFICATIONS

Operating Temperature: -10°C to 50°C (32°F to 122°F)
Charging Temperature: 5°C to 40°C (41°F to 104°F)
Storage Temperature: -10°C to 45°C (14°F to 113°F)

PRODUCT DISPOSAL

Dispose of the Shot Scope device, battery and packaging in the accordance with local regulations. Do not dispose of the battery with regular household waste.


FEDERAL COMMUNICATIONS COMMISSION (FCC) STATEMENT

This device is a mobile transmitter and receiver that uses an internal antenna to send and receive low levels of radio frequency (RF) energy for data communications. The device emits RF energy below the published limits when operating in its maximum output power mode and when used with Shot Scope authorized accessories. To comply with RF exposure compliance requirements, the device should be used as described in the user guide. The device should not be used in other configurations. This device must not be co-located or operated in conjunction with any other transmitter or antenna.

The device should only be used for the intended application as stated by the manufacturer.

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United Kingdom

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 Products intended for sale within the European Union are marked with a (CE) mark which indicates compliance to applicable directives and European norms (EN) as follows.

 Products intended for sale within the United Kingdom are marked with a (UKCA) mark which indicates compliance to applicable directives.

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Made in China