EPSON
EXCEED YOUR VISION

M-Tracer

Start Here

Type: MT500G II
Model: M-S751

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Printed in Japan, 12/14

412898700

Read these instructions before using your product.

This information is subject to change without notice.

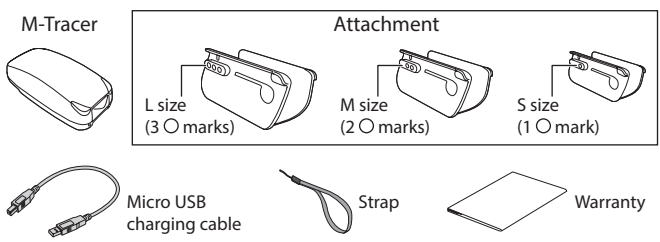
Introduction

This product analyzes golf swings based on extensive measurements and scientific analysis. The analysis results, which can be easily checked on your mobile device, are useful in helping you improve your game.

The following mobile devices are supported:

- iPhone 5, iPhone 5s, iPhone 5c, iPhone 6, iPhone 6 Plus, iPod touch (5th generation) with iOS 7 or later
- Mobile device running Android™ 4.0 or later with Bluetooth SPP

What's in the Box



The supplied micro USB cable is designed specifically for this product. Only use it to charge this product.

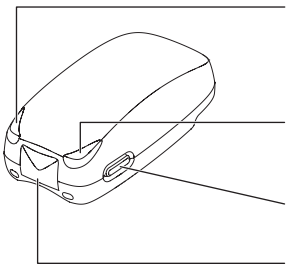
The strap comes attached to the M-Tracer.

Attachment Sizes:

Size	Grip circumference
L	2.44~2.71 in. (62~69 mm)
M	2.28~2.40 in. (58~61 mm)
S	2.12~2.24 in. (54~57 mm)

1. Part Names and Functions

Top View



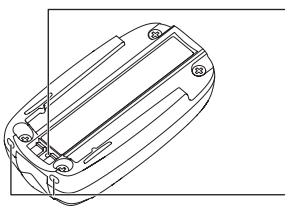
Status LED (blue and red)
The lamp flashes to indicate the status of the product. For more details, see the in-app help.

Charging LED (orange)
On: Charging
Off: Charging complete

Power button
Turns the power on/off

Micro USB charging port and cover
Open the cover to charge the device.

Bottom View



Reset button

Strap hole

Meaning of Status LEDs

Status	Display
Turning on	The blue LED turns on for one second and flashes once every two seconds.
Communicating	The blue LED flashes twice every two seconds.
Turning off	The blue LED turns on and then turns off.
No battery power	The red LED flashes once every 5 seconds. When turning on, the blue LED is on for one second, then the red LED flashes once.
Pairing mode	The blue and red LED flash alternately.
Error	The red LED flashes once a second.
Hardware error	The red LED turns on for five seconds and then turns off for half a second repeatedly.

Please refer to the in-app help for additional information about the LED display.

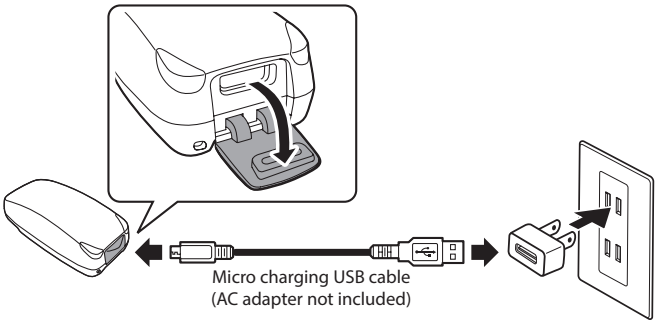
2. Charging the Battery

Before using your product for the first time, make sure the battery is fully charged. To charge the product, insert the USB plug into a power source.

You can use:

- Optional USB AC adapter (part number: E12E204001)
- Computer (using a USB port)

Turn off the product before charging.



The orange LED turns on when the product is charging and off when charging is complete.

NOTE

- Stop charging the product even when charging is not finished after 3 hours.
- The battery may not charge correctly if you are using a charger other than the specified AC adapter.
- Charging may not finish if your computer is in Sleep or Stand-by mode.
- Connect the micro USB charging cable directly to your computer, not to a USB hub.

3. Connecting to a Mobile Device

To use this product, you need to pair it to a mobile device using a Bluetooth connection.

1. Place the product within 3 feet (1 m) of the mobile device.
2. With the product turned off, hold down the power button for at least five seconds to turn on the product and enter pairing mode.

   When the product is in pairing mode, the status LED flashes blue and red alternately.
3. Turn on Bluetooth on your mobile device.
   Example: [Settings] - [Bluetooth] - [ON]
4. On your mobile device, tap “MT + last 5 digits of the serial number” in the list of detected Bluetooth devices.
   (Example: MT12345)

When pairing is complete:

iOS, the status LED flashes blue twice every two seconds.

Android, the status LED continues flashing blue and red alternately. Your mobile device displays “MT + last 5 digits of serial number” as a detected device.

NOTE

The serial number is printed on the sticker on the back of the product.

If you plan to use the product with different mobile devices, you’ll need to pair again.

4. Installing the Application

To use this product, you first need to install Epson M-Tracer For Golf app on your mobile device.

1 Download the app from the App Store for iOS or Google Play for Android.

2 Tap .
The Epson M-Tracer For Golf app starts.

3 Follow the on-screen instructions to register an account.

NOTE

Epson Sensing ID allows you to use multiple services and functions provided by Epson with one ID and password.

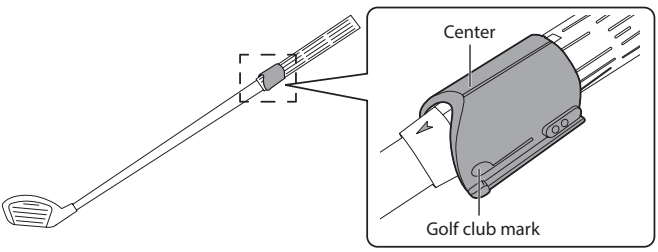
The user is responsible for any communication charges incurred when exchanging data using your mobile device. For information on charges and other items, contact your carrier.

5. Mounting the Product

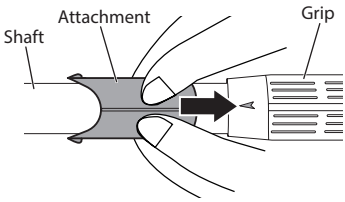
1 Place the attachment around the grip.

First try the medium size attachment. For a thinner grip like on Ladies or Junior clubs, try the small size attachment. For a thicker grip, try the large size attachment.

The ✓ on the attachment should be pointing the same direction as the golf club. If the attachment is upside-down, the attachment will become loose and fly off the club.



Make sure the center of the attachment is aligned with the center of the golf club.



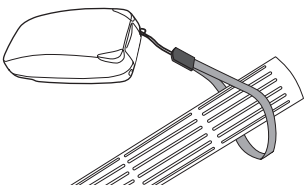
Slide the attachment from the shaft onto the grip of the golf club.

If the attachment is too tight, widen it with your finger.

⚠ Caution

Do not widen the attachment too much, otherwise the attachment will break. If the attachment is loose, do not use the product.

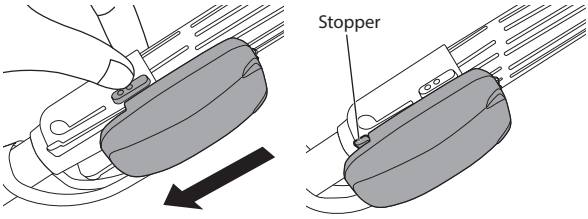
2 Put the strap around the club shaft.



⚠ Caution

Always put the strap around the club shaft.

3 Slide the product onto the attachment until it comes in contact with the stoppers at the end.



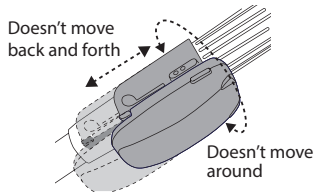
NOTE

- Do not push too hard when the attachment is tight on the grip of the golf club. Try a thinner grip area or a larger attachment.
- If the attachment is too loose, try a thicker grip area or a smaller attachment.

4 Make sure the product is firmly attached to the grip.

⚠ Caution

The product should not move when attached to the grip.



- Make sure the product is attached to the underside of the club.
- If the product is scratched while mounting, it should not affect its functioning.

6. Using the Product

1 Hold down the power button on the product for at least two seconds to turn it on.

The blue status LED flashes once every two seconds.

2 Connect the product to your mobile device using Bluetooth.

3 Tap on your mobile device.

While your mobile device and product are communicating, the blue LED flashes.

4 Tap **Measure** to start.

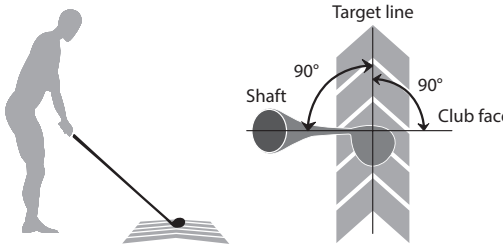
The red status LED turns on.

If you need to choose the type of club or shot, tap **Stop**, then tap **Setup**.

To start measuring again, tap **Start**.

5 Address the ball.

When the product detects that you are standing still (this takes a few seconds), the blue status LED turns on.



6 Swing the club.

After detecting the impact of the swing, the blue LED flashes and the data is transmitted to your mobile device. The product will not measure your swing if the impact is not detected.

Repeat steps 5 and 6 to record multiple swings.

7 When you are finished swinging, tap **Stop**.

8 Go to the Analysis page:

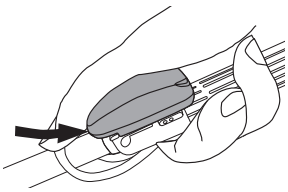
Tap **Analysis** on iOS.

Tap **Back** on Android.

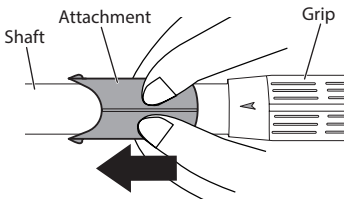
9 Push the power button on the product for 2 seconds to turn it off.

The product automatically turns off when your mobile device screen is left on any screen other than the Measurement screen for over 10 minutes.

10 Pinch the attachment, then slide the product off of the attachment.



11 Slide the attachment off of the grip.



- The swing measurement steps and the LED display may vary depending on the Epson M-Tracer For Golf version.

  Refer to the Help section of Epson M-Tracer For Golf for the latest information.
- When the red LED flashes once per second, follow the on-screen instructions in the app to troubleshoot the issue.
- When the red LED is on for 5 seconds, then off for half a second, turn your product off then on.
- When the product operation is unstable, push the reset button.

To clean your product, wipe it with a soft, dry cloth. Do not use chemicals or detergent.

7. Viewing the In-app Help

For details on using the app, see the in-app Help section:

1 Tap **Menu** at the top left of the Analysis screen.

2 Tap **Help**.

8. Specifications

Communication method	Bluetooth 2.1+EDR Class 2
Communication distance	Approximately 30 feet (10 m) with no obstructions*1
Operation time	Approximately 4 hours*2
Built-in battery	Lithium polymer rechargeable battery
Charging method	USB bus power (+5 V DC)
Charging time	Approximately 2 hours*3
Operating temperature range	32 to 104 °F (0 to 40 °C)*4
Storage temperature range	-4 to 113 °F (-20 to 45 °C)
External dimensions	2 in. D x 1 in. W x 0.6 in. H (50 mm D x 27 mm W x 16 mm H)
Weight	Approximately 0.5 oz (15 g)

*1 The communication distance varies depending on the surrounding environment and the performance of the Bluetooth device.

*2 The operation time conditions are in compliance with our measurement conditions.

*3 The charging time will increase or decrease in accordance with the usage conditions of the charging battery. Charging may take about 3 hours from the fully discharged state.

*4 50 to 95 °F (10 to 35 °C) during charging (charge the battery at room temperature as much as possible).

Certification Information

Contains Transmitter Module FCC ID: SQK-MBH7BTZXXC2
CAN ICES-3 (B) / NMB-3 (B)
Contains Transmitter Module IC: 337L-MBH7BTZXXC2

FCC /IC Notices

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

CAUTION

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

This device complies with Part 15 of FCC Rules and Industry Canada license-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 this device.

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that are deemed to comply without testing of specific absorption ratio (SAR).

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.

Epson America, Inc.

3840 Kilroy Airport Way Long Beach, CA 90806 U.S.A

Tel: 562-290-5254

9. Where to Get Help

Internet support

Visit **epson.com/support/mtracergolf** (U.S.) or **epson.ca/support/mtracergolf** (Canada) for solutions to common problems. You can get tips, usage information, FAQs, or e-mail Epson.

Telephone support services

Call (562) 276-4394 (U.S.) or (905) 709-3839 (Canada).

Support hours are 6 AM to 8 PM, Pacific Time, Monday through Friday, and 7 AM to 4 PM, Pacific Time, Saturday. Days and hours of support are subject to change without notice. Toll or long distance charges may apply.

Using the Product Safely

Read this document to use this product safely. Failure to handle the product as instructed may result in a malfunction or accident.

- Keep this guide to answer any questions you have about this product during use.
- This product is designed specifically for use in North America. If this product is to be taken and used outside of North America, check the relevant laws and regulations of the corresponding country/region.

Meaning of Symbols

The following symbols are used to warn of operations and handling that may be dangerous. Understand these symbols before reading this guide.

⚠ Warning	This symbol indicates information that, if ignored, could possibly result in death or serious injury due to incorrect handling.
⚠ Caution	This symbol indicates information that, if ignored, could possibly result in personal injury or physical damage due to incorrect handling.

Safety Instructions

⚠ Warning
Be sure to always drape the strap around the grip to secure the product in place. Check that the product is properly installed in the attachment before use. Replace the strap with a new one if it becomes frayed.
The cords included with this product contain chemicals, including lead, known to the State of California to cause birth defects or other reproductive harm. Wash hands after handling. (This notice is provided in accordance with Proposition 65 in Cal. Health & Safety Code § 25249.5 and following.)
Do not leave this product within the reach of small children. It is a choking hazard and is extremely dangerous if licked or placed in a mouth.
Turn the power off in public facilities and on public transport. This product communicates with your smartphone wirelessly. The radio waves may interfere with devices around you, causing a malfunction, accident, or injury.
Do not charge this product in a location that may become hot such as near a fire or heating appliance, in a location subject to direct sunlight, or inside a car. Doing so may cause a fire, burns, or the battery to deteriorate.
Do not disassemble and repair the product yourself. Doing so may cause an electric shock or accident.
If fluid leaks from the battery, do not touch it with your bare hands. If fluid comes into contact with your body, immediately rinse it off with tap water and then contact a doctor.

⚠ Caution
Make sure the attachment is installed in the correct direction. If not installed correctly, the product may fly off the golf club.
Take care not to pinch your fingers when mounting the product to the attachment
Be sure to remove this product and attachment from the golf club before storing or carrying the golf club, otherwise, this product may be damaged when the golf clubs are stored or carried.
Check that the micro USB port cover is closed securely before use, otherwise, the product may be damaged due to water exposure or foreign materials.
When the product is placed in a bag, make sure that it does not end up below a heavy object. The case may crack or the battery may rupture, causing an injury.
Exercise according to your physical capabilities. Stop your activity and consult your doctor if you feel unwell.
Take care not to hit any people or objects when swinging the golf club.
Do not use the product for anything other than its intended use.
Do not throw the product or subject it to strong impacts. This could result in damage, malfunction, or cause an injury.
Do not wet the product or insert foreign objects inside the product. This product is not waterproof, so there is the risk of malfunction or electric shock.
Do not leave the product in a hot or humid location or in direct sunlight. It generates heat or causes thermal expansion of the rechargeable battery inside the product.
Do not attach this product to anything other than a golf club.
Do not mount the attachment to a golf club that has a damaged grip as this could interfere with the attachment.
Do not retrieve the product if it comes off the club and goes outside of the hitting box at the driving range.
Do not widen the attachment when the product is attached to a golf club.
Before using this product, check that it is secured to the golf club. If it is insufficienty secured, the product may come off, causing injury or malfuncion.

Other Precautions

About the built-in battery

- The battery is a consumable item that deteriorates even under normal use.
- Battery performance will decline if this product is stored for a long period of time without being used.
- The battery life will be shorter in areas with low ambient temperatures.
- The battery is not replaceable.

The product uses a rechargeable lithium polymer battery. Lithium polymer rechargeable battery is recyclable product. When your dispose of the product, do not remove the battery from the product and refer to your local regulations.

For California customers only:
The lithium batteries in this product contain
Perchlorate Material - special handling may apply,
See www.dtsc.ca.gov/hazardouswaste/perchlorate.

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Android and Google Play are trademarks of Google Inc.

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CPD-42547