



GOLFZON GDR PLUS

USER MANUAL

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PREFACE

This manual describes how to use the GOLFZON GDR Plus. Features and specifications may be subject to change without prior notice. Screen images may also be different after software updates.

INTELLECTUAL PROPERTY

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INTRODUCTION OF GDR PLUS

GDR Plus is a dedicated driving range simulator with a variety of practice modes to improve all aspects of your golf skills.



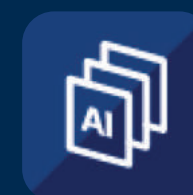
PROVEN SYSTEM

- Analyzes your swing with accurate sensors and high-definition cameras, to help with more systematic practice.
- Displays your swing on both the screen and the kiosk.
- Emits vivid sound from the speaker mounted on the front of the kiosk, just like you are practicing on a real range or course.



VARIOUS PRACTICE MODES

- Beginner, intermediate, and advanced players enjoy practicing with a variety of modes: Driving Center, 18-Hole Mini-Round, Course Practice, and Challenge.
- Compare and analyze your swing using My Swing videos.



SYSTEMATIC PRACTICE MANAGEMENT

- Check your practice data on the GDR app anytime.
- With AI diagnostics, you can immediately analyze your shots.
- Displays your recent practice history on the kiosk to show how your skills are improving.

3 GDR PLUS SETUP



RECOMMENDED DIMENSIONS FOR INSTALLATION

Width 8.2ft (2.5m) x Length 16.4ft (5.0m) x Height 30.5ft (3.2m)

4 GDR PLUS PRODUCT COMPONENTS



GDR PLUS KIOSK

- The GDR Plus Kiosk screen, in combination with the projection screen, displays a large variety of swing and shot aspects.
- The touch screen on full HD 24-inch monitor enables precise operation.
- Provides vivid sound with the speaker module mounted on the bottom front of the kiosk.
- Use the bottom keypad on the kiosk to:

-  View video of your swing.
-  Move your aiming target to the left.
-  Move your aiming target to the right.
-  Display your stats on the kiosk.
-  Close a popup window.



SIDE CAMERA

- GDR Plus has two high-definition cameras; the side camera, and a built-in camera on the kiosk front, to capture very accurate swing analysis.
- GDR Plus side camera has a height-adjustable stand.



GDR SENSOR

- Uses two high-speed camera sensors to capture video as the ball moves.
- Directly records ball spin without additional marking by using the characteristics of the ball's surface.
- Accurately captures each shot aspect, such as speed, trajectory, direction, and spin.

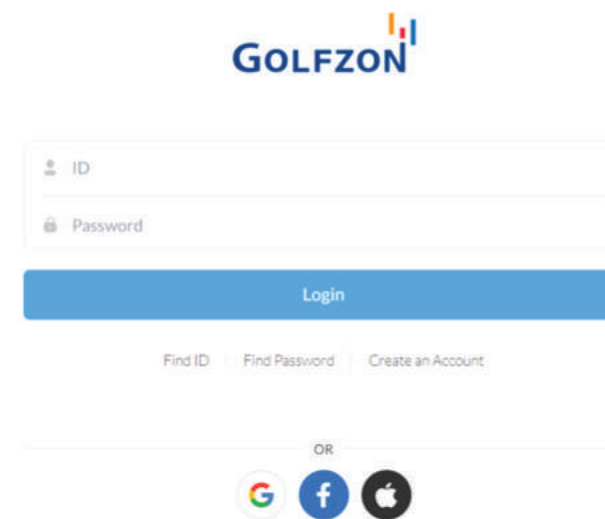
GDR PLUS

USER MANUAL

MEMBERSHIP REGISTRATION AND APP INSTALLATION

REGISTER AS A GOLFZON MEMBER

To use all the features of GDR Plus, you must first register as a GOLFZON member. You can register and download the GOLFZON app at <http://www.global.golfzon.com>.

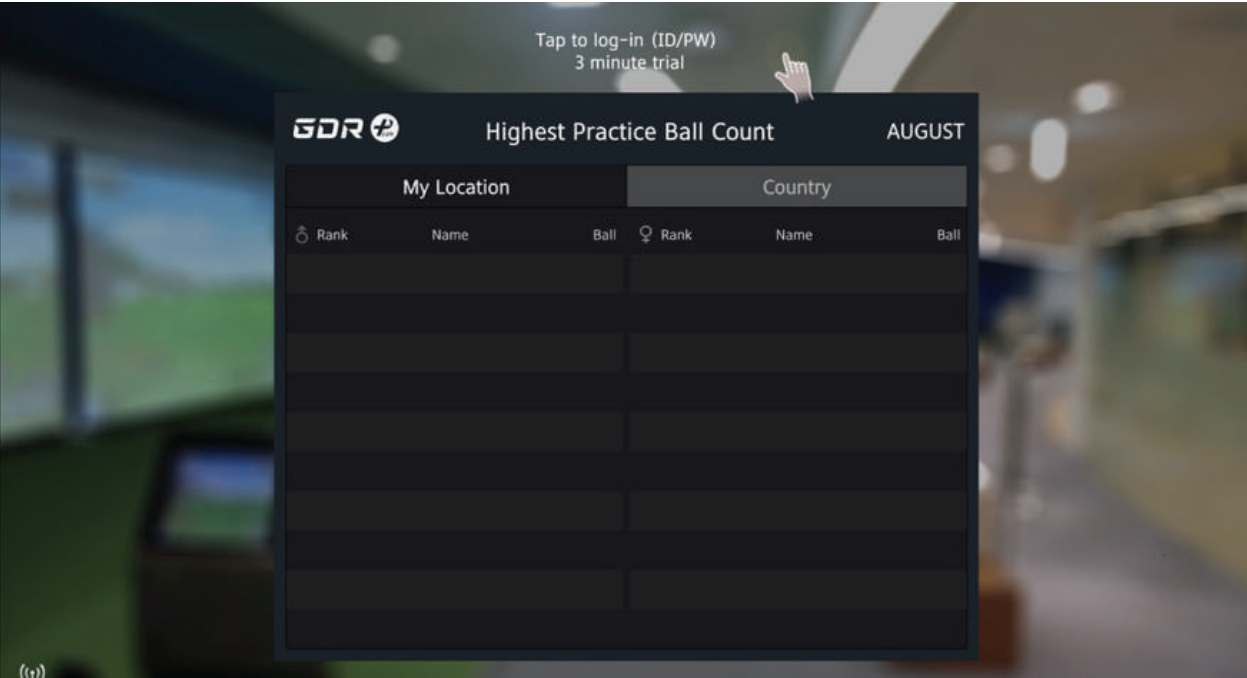


The image shows the GOLFZON login and registration interface. At the top is the GOLFZON logo. Below it are two input fields: 'ID' and 'Password'. A blue 'Login' button is positioned below these fields. Under the 'Login' button are three links: 'Find ID', 'Find Password', and 'Create an Account'. Below these links is a horizontal line with the word 'OR' in the center. Underneath the line are three social media icons: Google, Facebook, and Apple.

GOLFZON MEMBERSHIP BENEFITS

As a registered GOLFZON member your practice records, statistics, and your My Swing videos, are available on both the web and the GOLFZON app.

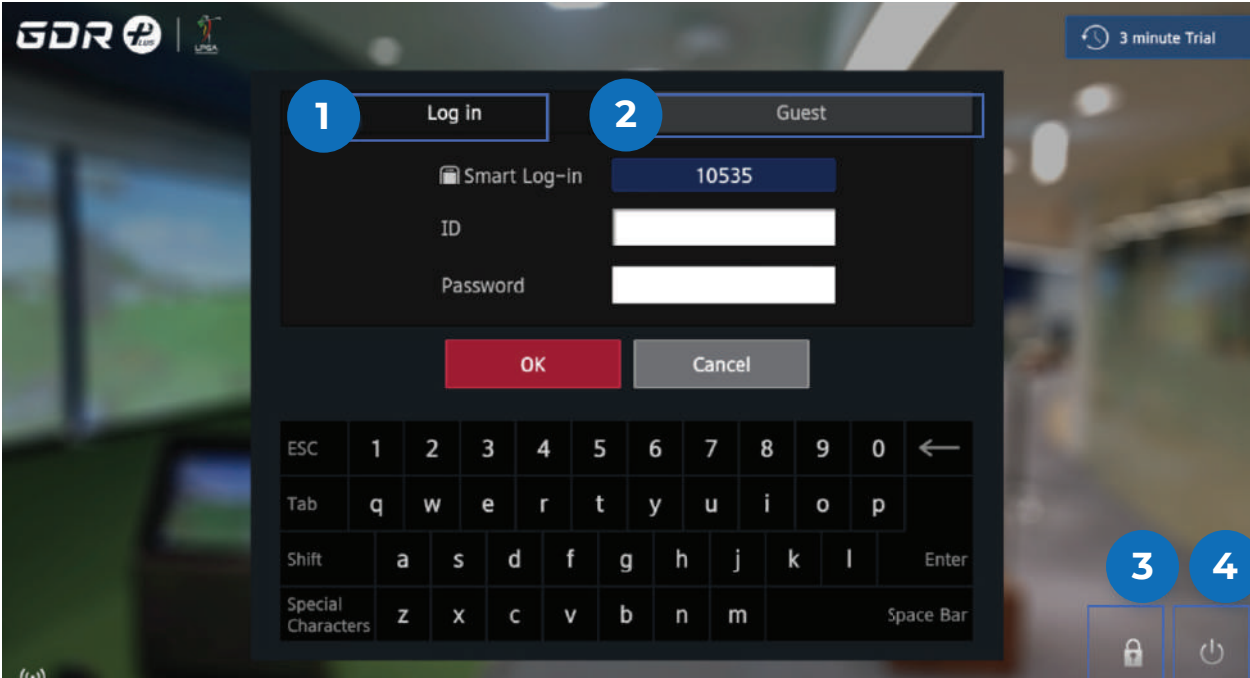
STANDBY SCREEN



START GDR PLUS

- Turn on the kiosk by pressing the power button under the bottom right side.
- Double-touch the GDR Plus Launcher icon on the Windows desktop.
- The GDR Plus program starts up with the Standby Screen.
- The Standby Screen scrolls to show the GOLFZON members' rankings of the number of practice balls hit and the longest drive, by location or by country.
- Touch the standby screen to go to the login page.

LOGIN SCREEN



1. LOG IN

- If you are a Golfzon member, touch the “Log in” tab, enter your ID and password, then touch the “OK” button to log in. On the next screen, choose your Practice Time Length. Then touch “OK”.

2. GUEST

- If you are a Guest, touch the “Guest” tab, select your gender, and touch “OK”. On the next screen, choose your Practice Time Length. Then touch “OK”.

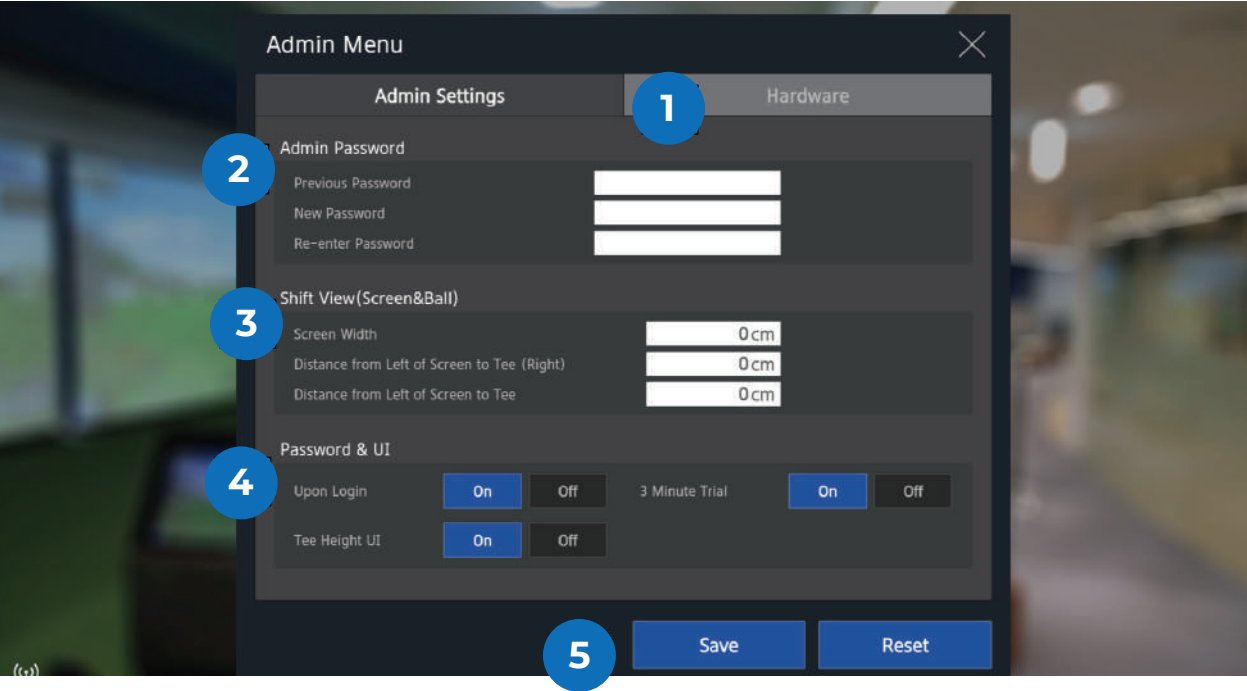
3. MANAGER

- Touch to go to the Admin Menu.

4. EXIT

- Touch to close and exit the login screen

ADMIN MENU



1. HARDWARE

- For tech installation only. Please contact GOLFZON or your authorized service provider for tech support.

2. ADMIN PASSWORD

- To change the admin password, enter the previous password, enter a new password, then re-enter the new password.

3. SHIFT VIEW

- For tech installation only. Please contact GOLFZON or your authorized service provider for tech support.

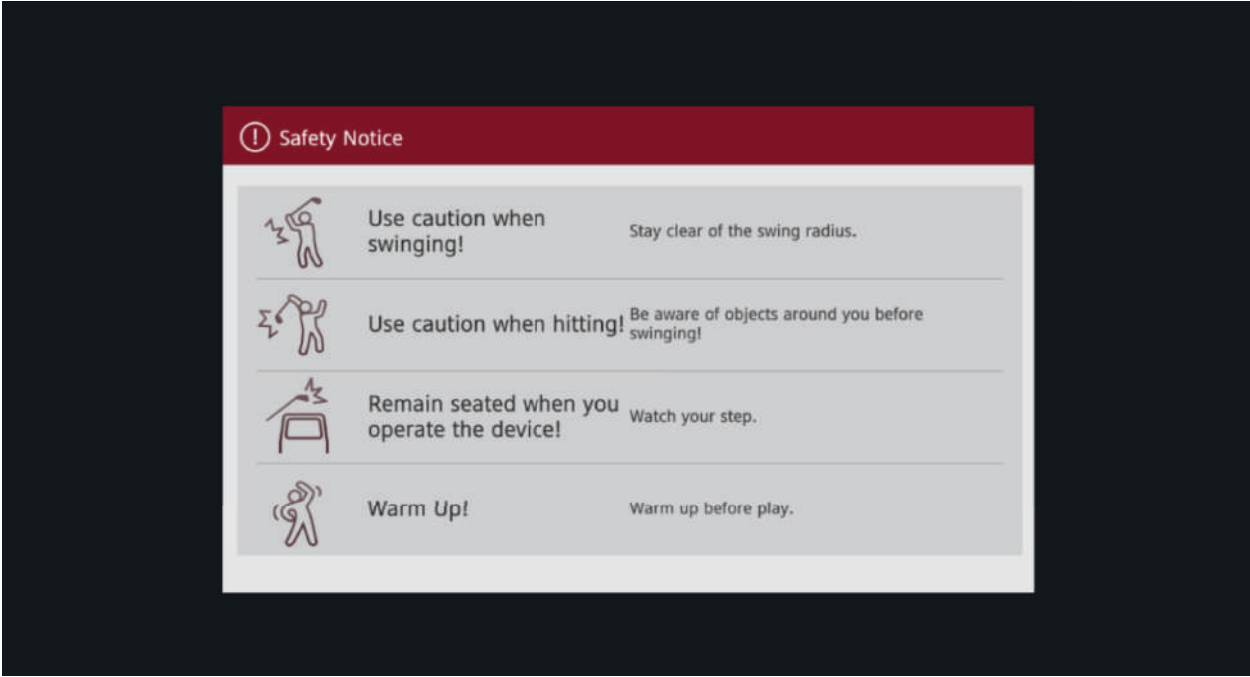
4. PASSWORD & UI

- For tech installation only. Please contact GOLFZON or your authorized service provider for tech support

5. SAVE OR RESET

- Touch Reset to return to the initial settings.
- Touch Save to go to the login screen.

SAFETY



- You will have 3 minutes to warm up and to read the precautions before practice. GDR Plus will start automatically after 3 minutes.
- You can start right away by touching the “OK” button.

TO PREVENT FIRE OR ELECTRIC SHOCK, OBSERVE THE FOLLOWING PRECAUTIONS:

- Do not disassemble the kiosk.
- If the power cable or any wire is damaged, replace it with a new one immediately.
- Do not insert foreign objects into any part of the kiosk.
- If water or other liquids are spilled onto the GDR Plus installation, immediately unplug the power, and contact your local GOLFZON authorized service provider for inspection.
- Keep the room temperature within 14 to 131 °F (-10 to 55 °C).
- Keep the humidity below 95% relative humidity.
- Do not expose the kiosk to direct sunlight.
- Accumulated dust can cause static electricity buildup and discharge. Keep system components clean with routine dust removal and cleaning.

DRIVING CENTER



1. DRIVING CENTER

- This practice mode provides a variety of data analysis such as driving distance, direction, etc.
- Driving Center is the first screen when you login to your GOLFZON account. Touch “Enter”, to go to the practice range.

2. TOTAL MONTHLY PRACTICE HOURS AND STROKES

- Displays your total number of practice hours per month and year. Also shows your total monthly practice strokes and number of balls hit this year.

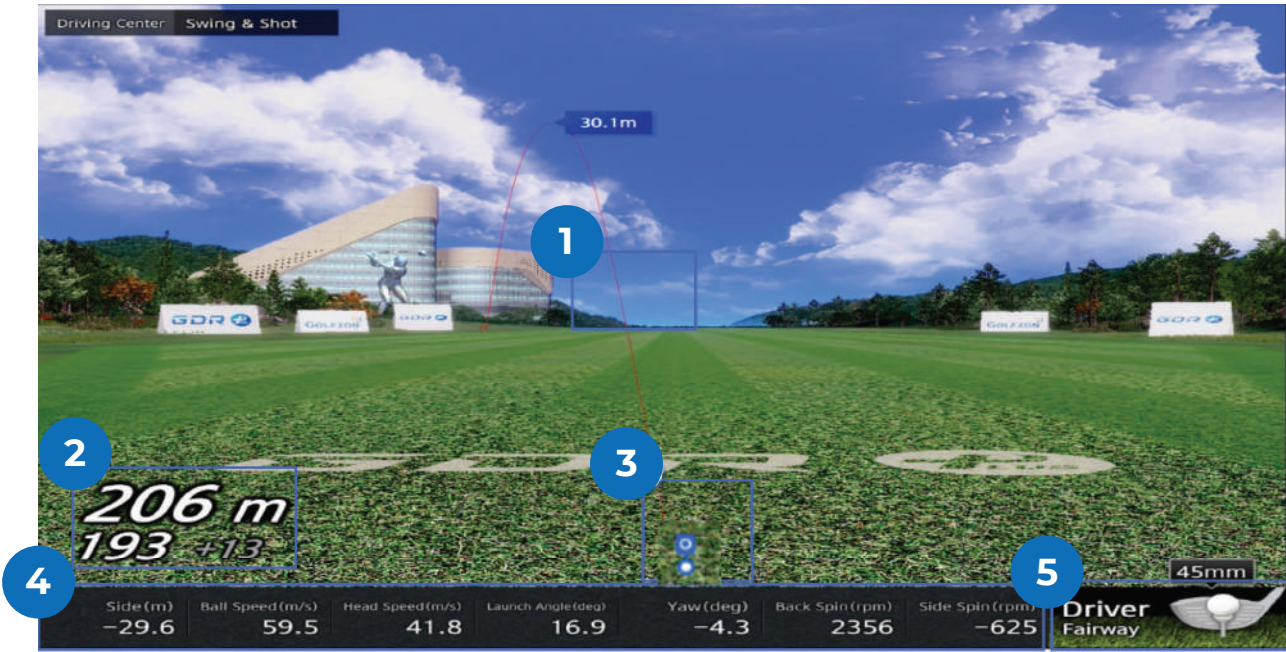
3. STAT OF PRACTICE PER CLUB IN THE LAST 30 DAYS

- Displays the clubs you’ve practiced in the last 30 days, showing the highest percentage at the top.

4. PRACTICE STATISTICS

- Accumulates your practice data, so you can compare your skills today to your average of the skills over the past 30 days.

DRIVING CENTER SCREEN



1. AVERAGE DRIVING DISTANCE TARGET

- Displays your average distance target after at least 10 shots.

2. DRIVING DISTANCE, CARRY, AND ROLL

- Displays distance, carry, and roll.

3. SENSOR READY

- When the sensor recognizes the ball, it is shown on the screen as an “O” mark.

4. SHOT STATISTICS

- Remaining Distance, Ball Speed, Head Speed, Launch Angle, Yaw (Face Angle), Back Spin, and Side Spin are displayed.

5. CLUB AND LIE

- Displays the selected club and lie (fairway, rough, bunker, green) at your current location.

DRIVING CENTER TOUCH SCREEN – WOODS AND IRONS



1. MY INFORMATION

- Displays your image, nickname, number of golf balls hit, and time remaining.

2. NETWORK STATUS ICON

- The icon shows your network connection status.

3. CLUB CHANGE

- When changing clubs, the practice area changes on the screen. Driver through 9 Iron is on the full range, wedges are on the approach area, and putter is on the practice green.

4. DETAILED FUNCTION

- Tee height: Adjust the tee height from 25mm to 60mm.
- My Swing: View saved "My Swing".
- Option: Set Camera, Swing Motion, Right or Left Hand, and set distance in yards, meters (or feet on the green) and speed in m/s, km/h, or mph.
- Exit: To change to a different mode or log out.

5. OTHER MENU

- Choose Mode Change, Swing Tempo, AI Shot Diagnosis, and Training Mode.

DRIVING CENTER TOUCH SCREEN – WEDGES



1. YARDAGE BOOK TARGET AND SHOT STATISTICS

- Check your shots on the target, see Hit Target Rate, Excellent, and Nice Shot.

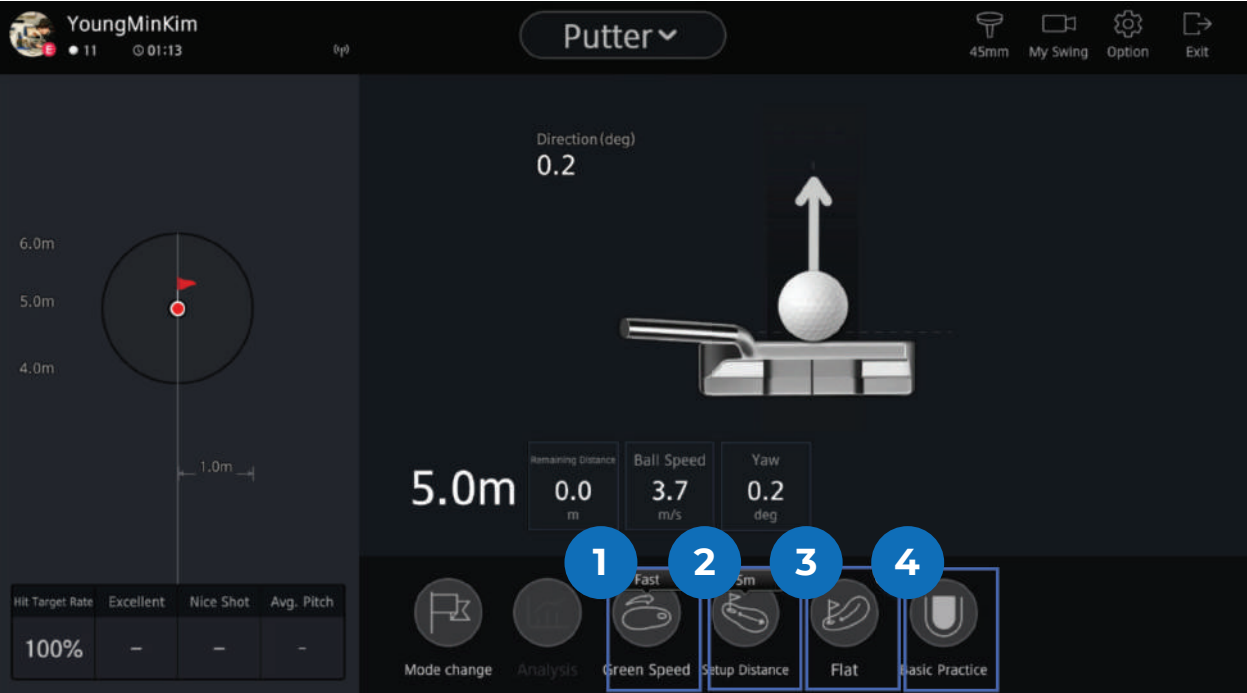
2. CLUB ANALYSIS

- Shows each club head image (Wood, Iron, or Putter).
- Displays the Launch Angle and Back Spin.

3. SHOT SPIN ANALYSIS

- Shows the Apex, Spin Rate, and Spin Axis.

DRIVING CENTER TOUCH SCREEN – PUTTING GREEN



1. GREEN SPEED

- Normal, Fast, and Fastest settings are available.

2. SETUP DISTANCE

- Set the distance of your putting practice from 3 to 45 feet.

3. SELECT SLOPE

- Select the desired slope from Flat, Downhill, Uphill, Break to Left, or Break to Right. High, Middle, Low Slope Level can be selected for all slopes except Flat.

4. SELECT LOCATION OF PUTTING PRACTICE RANGE

- Choose between the hole practice with a target, or basic practice showing distance only, but without a target.

TOUCH SCREEN - SHOT CHECK

View aspects of your ball trajectory based on data from your last shot.



1. 3D VIEW

- View from the top behind the ball trajectory.

2. HEIGHT VIEW

- View from the side of the ball trajectory.

3. VIEW THE DROP POINT

- View from above the ball trajectory.

4. SHOT SIMULATION

- You may change the ball speed, backspin, sidespin, or launch angle values based on your last shot data, to compare and analyze your shot with a simulated test shot.

5. APPLY OR CLOSE

- When you touch the “Apply” button, a simulated shot trajectory with your newly changed values is played. Touch “Close” to go back to the Driving Center.

■ TOUCH SCREEN - ANALYSIS



1. CLUB NAME

- If you select a club with which you practiced 5 or more times, you can see the average data.

2. TARGET AND IMPACT POINT

- Displays the average distance of the club and the landing point of the ball with a Yardage Book.

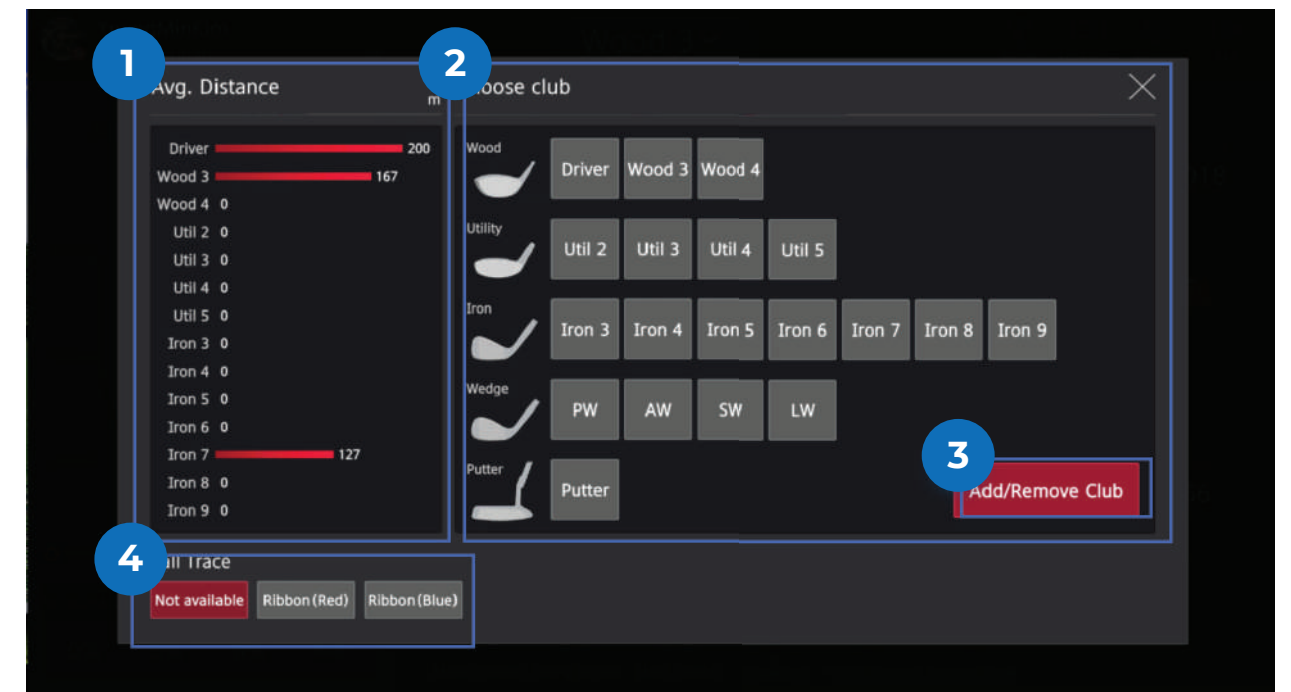
3. CLUB AVERAGE DATA

- Check your shot data: Maximum Distance, Ball Speed, Launch Angle, Average Distance (carry plus roll), and Pitch (shot shape).

4. PRACTICE GRAPH

- View Hit Target Rate and Distance Changes from your last seven practice sessions on a graph.

■ TOUCH SCREEN - CHOOSE CLUB



1. AVG. DISTANCE

- Displays the average driving distance for each registered club.

2. CHOOSE CLUB

- After selecting a club, you go to the range to practice.

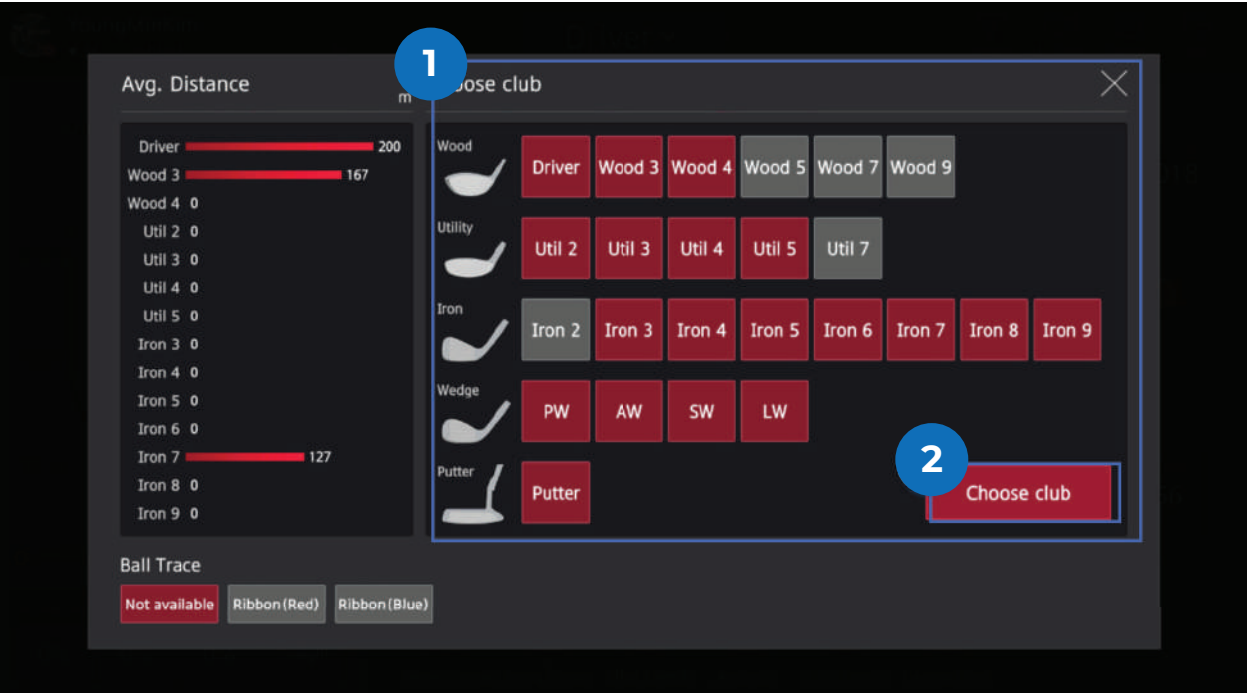
3. ADD/REMOVE CLUB

- Touch "Add/Remove Club" to select which clubs you would like to have an option to practice. Then touch "Choose Club".

4. BALL TRACE

- Select either "Not available" (no trace), Ribbon (Red) or Ribbon (Blue) for the ball flight path.

TOUCH SCREEN - ADD/REMOVE CLUB



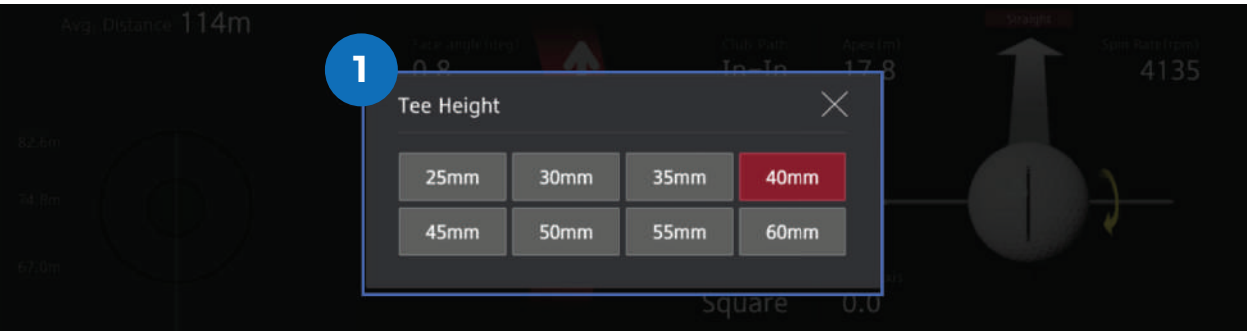
1. ADD/REMOVE CLUB

- To add a club touch to turn red (Util 4) or to remove a club touch to turn it gray (Util 5).

2. CHOOSE CLUB

- Touch “Choose Club” and your choices are automatically saved. Touch “X” in the upper right to close and return to the Driving Center.

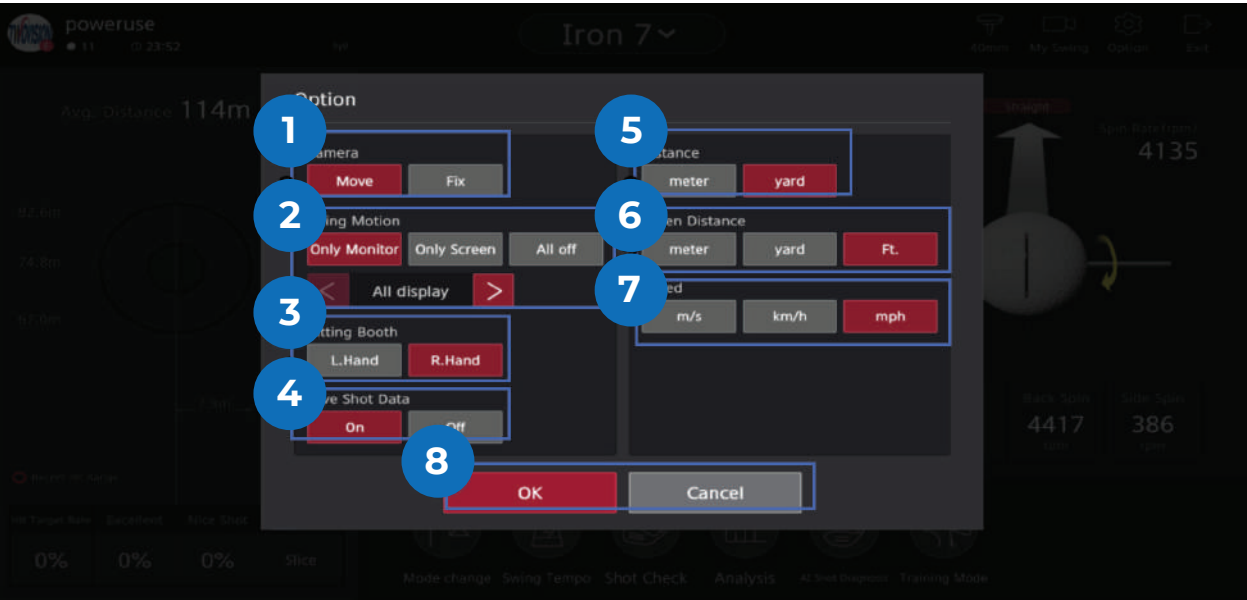
TOUCH SCREEN - ADJUST TEE HEIGHT



1. TEE HEIGHT

- The tee height can be selected in 5 mm increments from 25 to 60 mm and applies only to driver shots.

TOUCH SCREEN - OPTION



1. CAMERA

- To track the ball in flight, touch “Move”. Touch “Fix” for the camera view to remain in place.

2. SWING MOTION

- Choose to automatically show My Swing on the kiosk, on the Screen, or off. You may also choose to display all clubs, or only Driver, Wood, Iron, or Putter.

3. HITTING BOOTH

- Choose either L-Hand (left-hand swing) or R-Hand (right-hand swing), if equipped for both hands.

4. SAVE SHOT DATA

- Set Save Shot Data to “On” or “Off”.

5. DISTANCE

- Choose meters or yards.

6. GREEN DISTANCE

- Choose meters, yards, or feet on the green.

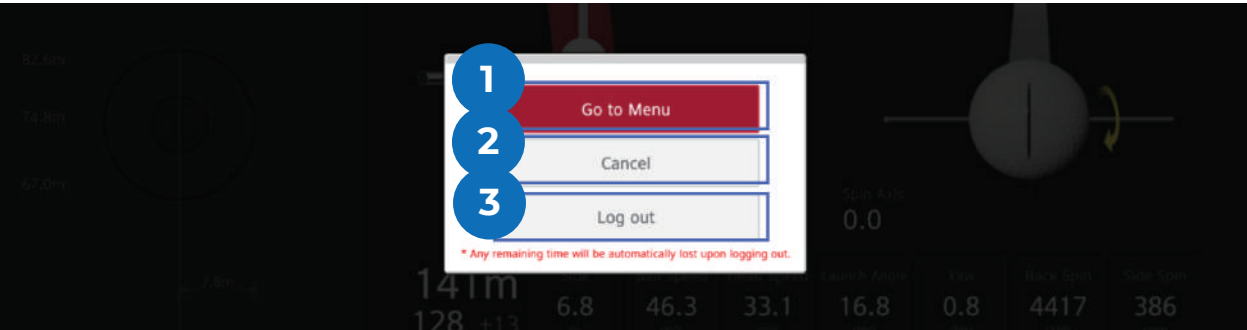
7. SPEED

- Select the Speed in m/s, km/h, or mph.

8. OK OR CANCEL

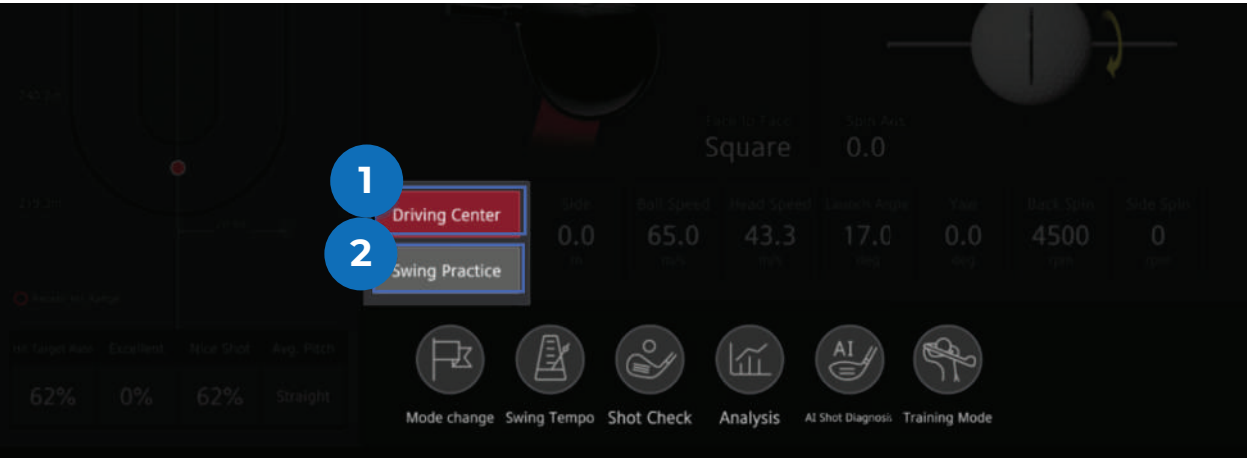
- Touch “OK” to save or “Cancel” to close the window without saving.

TOUCH SCREEN - EXIT



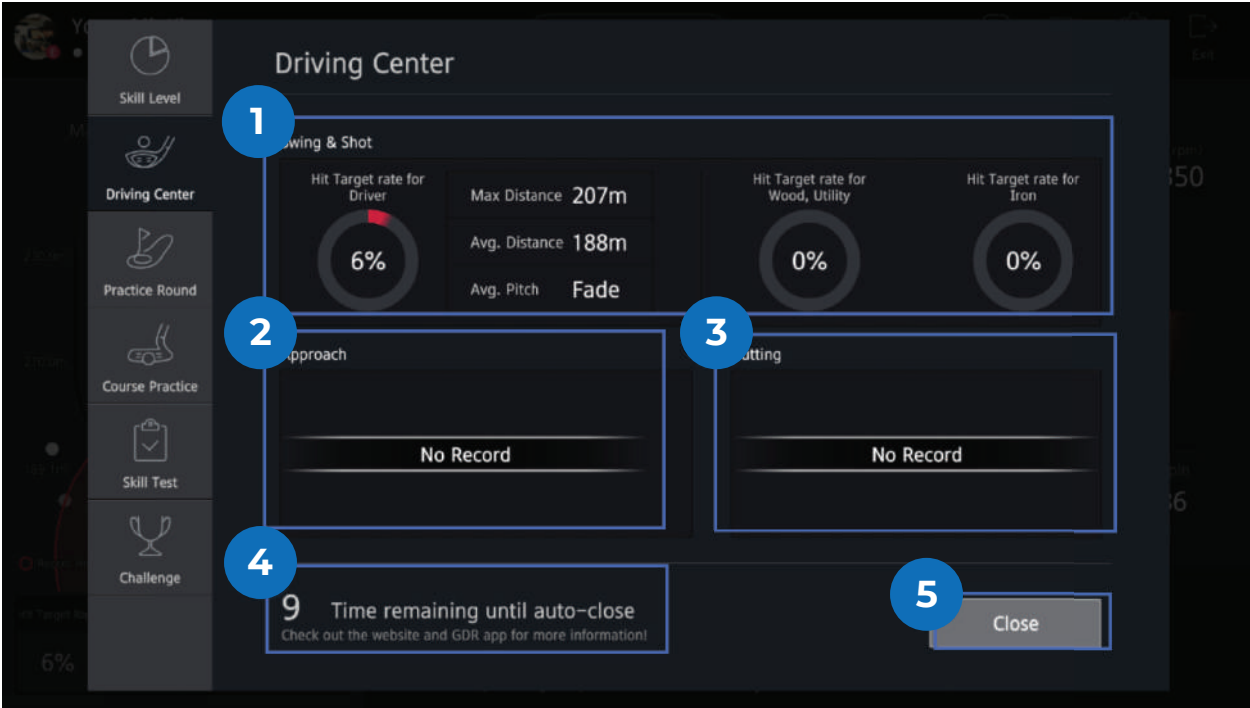
- 1. GO TO MENU**
 - Touch “Go to Menu” to return to the GDR Plus Mode screen.
- 2. CANCEL**
 - Touch “Cancel” to return to the previous screen.
- 3. LOG OUT**
 - Touch “Log out” to log out the current user and go back to the standby screen.

TOUCH SCREEN – MODE CHANGE



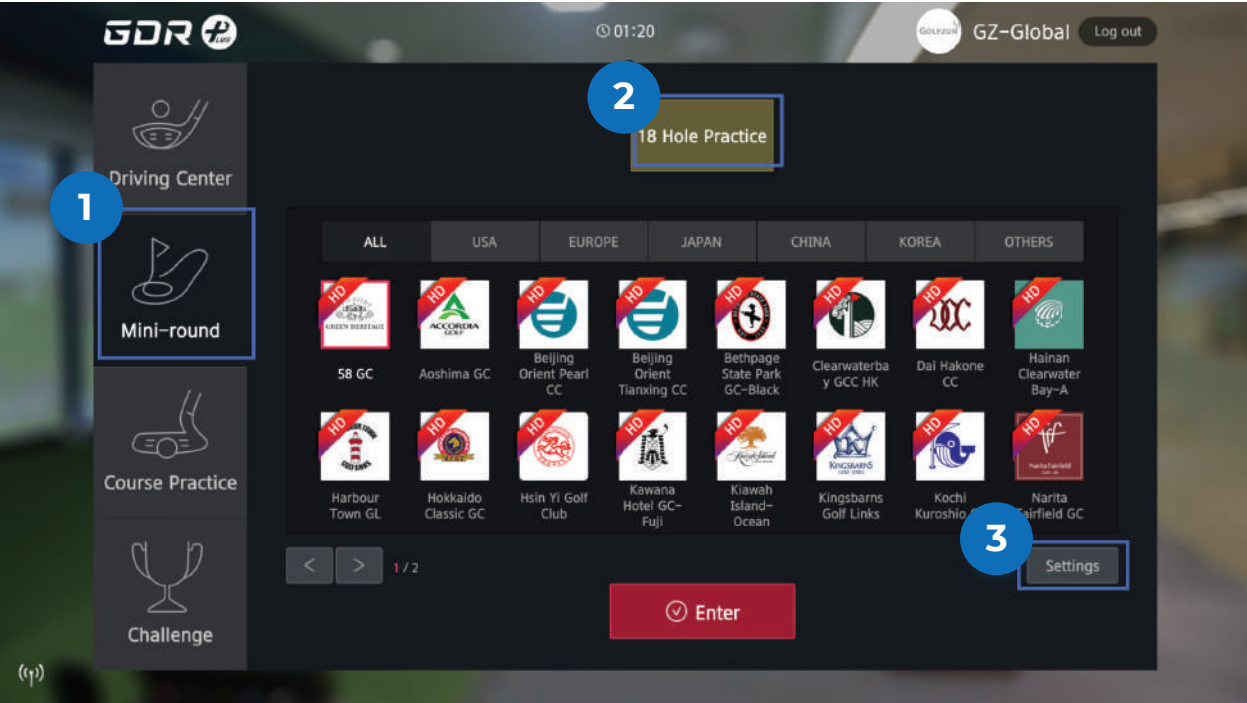
- 1. DRIVING CENTER**
 - Touch “Driving Center” for woods, irons, wedges, and putter practice.
- 2. SWING PRACTICE**
 - Touch “Swing Practice” to pick a club and practice your swing.

DRIVING CENTER FINAL RESULT



- 1. SWING & SHOT RESULTS**
 - Check today’s practice results after your practice time is over.
 - Hit Target rate for your Driver, Maximum Drive Distance, Average Drive Distance, and Average Pitch (shot shape).
 - Hit Target rate for your Wood and Utility clubs.
 - Hit Target rate for your Irons.
- 2. APPROACH RESULT**
 - Displays target landing rate by distance
- 3. PUTTING RESULT**
 - Displays putting success rate by distance
- 4. AUTO CLOSE TIME**
 - A countdown timer shows the remaining duration that your final result window will display. The final result window automatically closes returns to the Driving Center screen.
- 5. CLOSE**
 - Close the final result window to go to the Driving Center screen.

MINI-ROUND



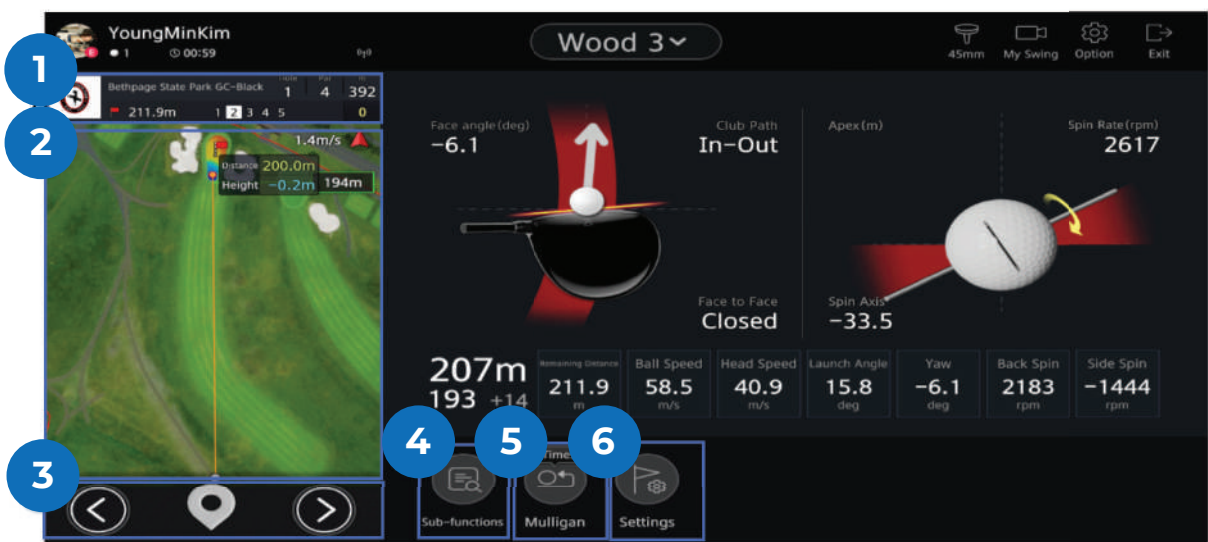
- 1. MINI ROUND**
 - Play 18 holes in a 3D environment.
 - Choose from 30 different golf courses.
 - Your score is automatically calculated according to the remaining distance to the hole once you land on the green.
- 2. 18-HOLE PRACTICE**
 - Practice in a situation similar to an actual round helping you develop a sense of a real game.
- 3. SETTINGS**
 - Set your Concede Distance, Green Location, Hole Cup (Pin Location), Green Condition (speed), Wind Speed, Wind Direction, Tee Location, and Mulligan.

MINI-ROUND SCREEN



- 1. GOLF COURSE INFORMATION**
 - Displays the golf course emblem, name, current hole, par, and hole distance.
- 2. SCORE INFORMATION**
 - Shows the remaining distance to the hole, current stroke, and your current score
- 3. YARDAGE BOOK**
 - Displays the wind speed and direction, out-of-bounds and hazard areas, and distance to the target point from your current location.
- 4. HOLE LOCATION**
 - Shows the distance to, elevation of the green, and position of the hole in 3D.
- 5. SHOT STATISTICS**
 - Displays the Remaining Distance, Ball Speed, Head Speed, Launch Angle, Yaw (Face Angle), Back Spin, and Side Spin.
- 6. CLUB AND LIE INFORMATION**
 - Displays the selected club and lie for the current ball location.

MINI-ROUND TOUCH SCREEN



1. GOLF COURSE AND SCORE INFORMATION

- Displays the golf course emblem, name, current hole, par, hole distance, remaining distance to the hole, current stroke, and your current score.

2. YARDAGE BOOK

- Shows the wind speed and direction, out-of-bounds and hazard areas, and distance to the target point from your current location.

3. AIMING SETTINGS

- Move the target point left or right using the arrows . Touch to reset the target point to the original point.

4. SUB-FUNCTIONS

- Touch for your Score (scorecard), Penalty Drop, Next Hole, View Terrain (show or hide grid), View Target, and Look Around (hole flyover).

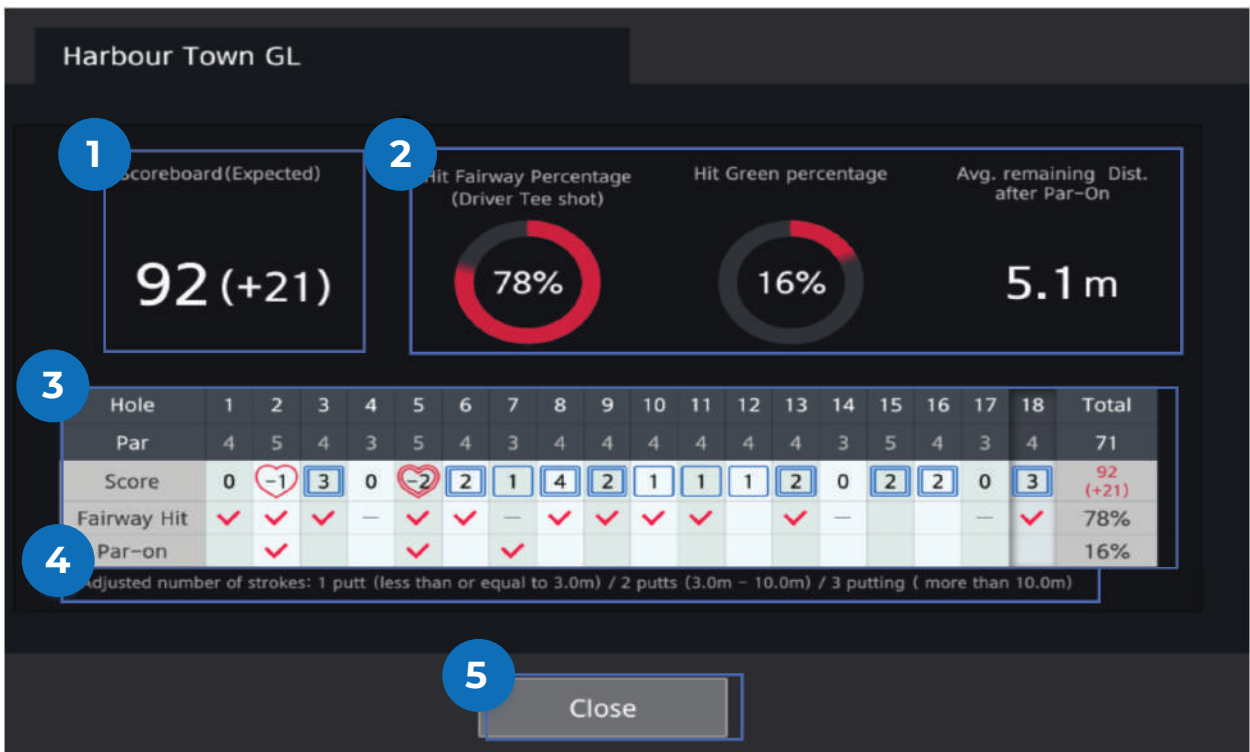
5. MULLIGAN

- You can use up to the number of mulligans set in the Mini-Round settings.

6. SETTINGS

- Set your Concede Distance, Green Location, Pin Location, Green Status (speed), Wind Speed, Wind Direction, and Tee Location.

MINI-ROUND FINAL RESULT



1. SCOREBOARD (EXPECTED)

- After completing the round, you can check the total expected score for 18 holes. Expected score is your number of strokes on each hole plus the number of (conceded) putts.

2. AVERAGE SHOT DATA

- Displays the Hit Fairway Percentage (driver's tee shot), Green in Regulation percentage, and average distance remaining after hitting Green in Regulation (GIR).

3. SCORE AND STATS PER HOLE

- Displays par for each hole, your score, fairways hit, and GIR.

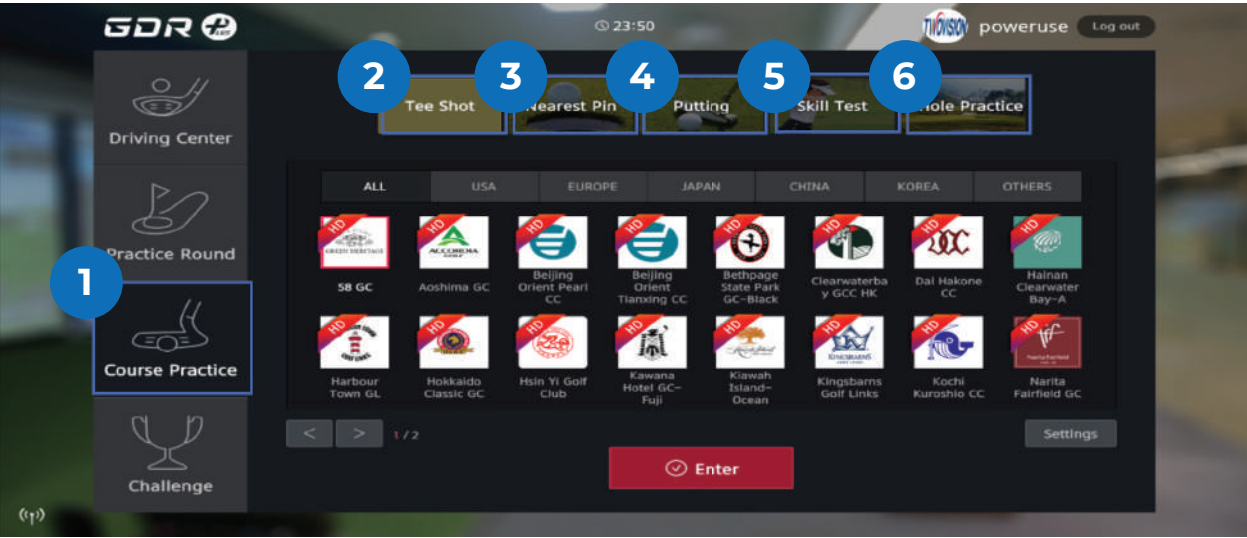
4. ADJUSTED NUMBER OF STROKES

- GDR Plus automatically counts the number of putts based on the remaining distance when the ball is on the green: 1 putt if the remaining distance is less than 9 feet, 2 putts for 9 to 32 feet, and 3 putts for more than 32 feet.

5. CLOSE

- After the Mini-Round is over, GDR Plus returns to the Driving Center screen.

COURSE PRACTICE



1. COURSE PRACTICE

- In this mode, you can repeat detailed practice for each type of shot and develop a sense of real game over 9-holes. Choose from 30 different golf courses.

2. TEE SHOT

- Hit tee shots repeatedly except par 3 holes. You may choose your Wind Speed, Wind Direction, and Tee Position. Touch “Next Hole” to go to the next tee box on the course.

3. NEAREST PIN

- Repeatedly practice landing nearest to the pin. You may choose your Wind Speed, Wind Direction, and Change Location. Touch “Next Hole” to go to the next hole on the course.

4. PUTTING

- In this mode, you can repeat putting practice on the green of each hole.
- Putt the ball within the three-foot circle to score “Nice Putt”, or “Nice In” when you make the putt.
- Touch “Change Location” to go to the green layout and select the speed, location, and distance you want to practice.

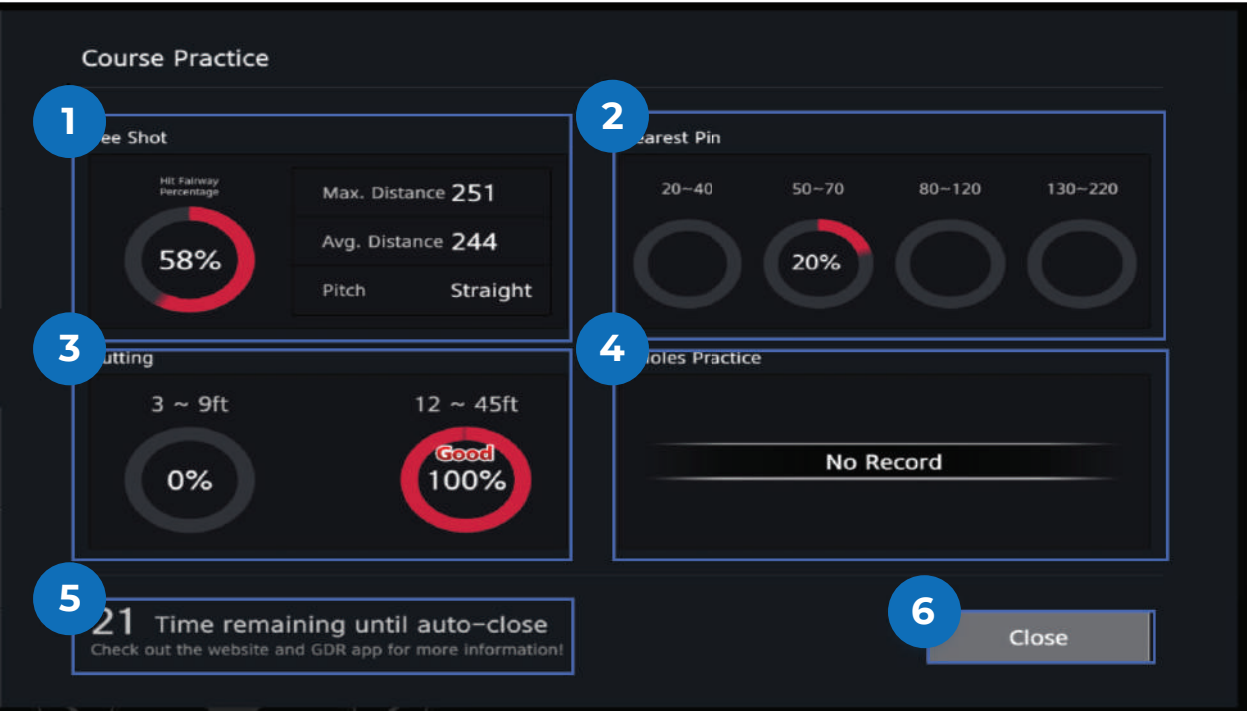
5. SKILL TEST

- Test your skills. Hit three strokes each: a tee shot, a second shot, an approach, and putt on three different holes.
- Your results analysis displays after you practice all four types of shots (three times each) over the three different holes.

6. 9 HOLE PRACTICE

- Practice 9 holes repeatedly. Touch “Repeat Shot” to continue to hit the same shot over. After you complete the hole, you may choose to repeat the same hole. At the end of nine holes, you may choose to repeat the entire course.

COURSE PRACTICE FINAL RESULT



1. TEE SHOT PRACTICE RESULT

- Displays the Hit Fairway Percentage, Maximum Drive Distance, Average Drive Distance, and Average Pitch (shot shape).

2. NEAREST PIN PRACTICE RESULT

- Displays nearest to the pin practice rates by distance..

3. PUTTING PRACTICE RESULT

- Displays putting success rate by distance..

4. 9 HOLES PRACTICE RESULT

- Displays a scorecard for your 9-hole practice.

5. AUTO CLOSE TIME

- A countdown timer shows the remaining duration that your final result window will be shown. The final result window automatically closes and GDR Plus returns to the Driving Center screen.

6. CLOSE

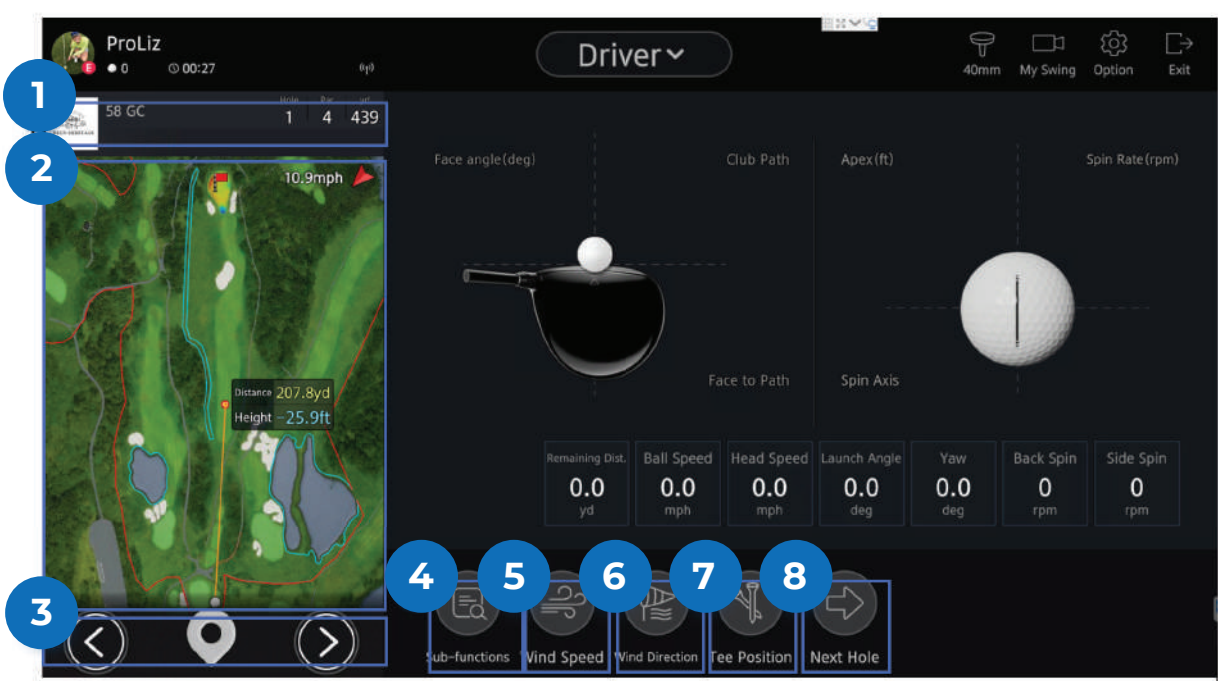
- Close the final result window to go to the Driving Center screen.

TEE SHOT PRACTICE SCREEN



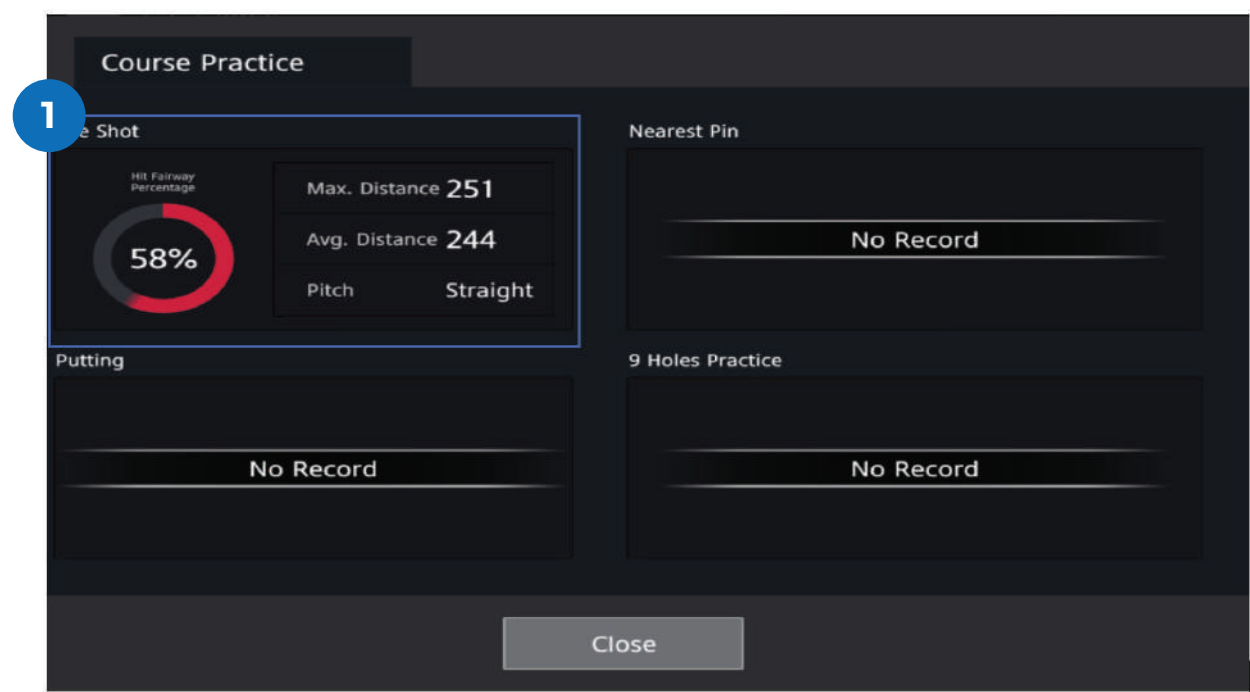
- 1. GOLF COURSE INFORMATION**
 - Displays the golf course emblem, name, current hole, par, and hole distance.
- 2. YARDAGE BOOK**
 - Shows the wind speed and direction, out-of-bounds and hazard areas, and distance to the target point from your current location.
- 3. HOLE LOCATION**
 - Shows the distance to, elevation to the green, and position of the hole in 3D..
- 4. SHOT STATISTICS**
 - Displays the Remaining Distance, Ball Speed, Head Speed, Launch Angle, Yaw (Face Angle), Back Spin, and Side Spin.
- 5. CLUB AND LIE INFORMATION**
 - Displays the selected club and lie for the current ball location.

TEE SHOT PRACTICE TOUCH SCREEN



- 1. GOLF COURSE AND SCORE INFORMATION**
 - Displays the golf course emblem and name, current hole, par, and hole distance.
- 2. YARDAGE BOOK**
 - Displays the wind speed and direction, out-of-bounds and hazard areas, and distance to the target point from your current location.
- 3. TARGET SETTINGS**
 - Move your target point left or right, Reset to the original target point..
- 4. SUB-FUNCTIONS**
 - Select View Target or Look Around.
- 5. WIND SPEED**
 - Set the wind to Mild, Normal, or Strong.
- 6. WIND DIRECTION**
 - Choose eight different directions indicated by the arrow.
- 7. TEE POSITION**
 - You can choose from three tee positions: Front, Middle, or Back.
- 8. NEXT HOLE**
 - Move to the next hole.

TEE SHOT PRACTICE FINAL RESULT



1. TEE SHOT PRACTICE RESULT

- Displays the Hit Fairway Percentage, Maximum Drive Distance, Average Drive Distance, and Pitch (shot shape). Other shot practice is not displayed.

NEAREST PIN PRACTICE SCREEN



1. GOLF COURSE INFORMATION

- Displays the golf course emblem, name, current hole, par, and hole distance.

2. YARDAGE BOOK

- Displays the wind speed and direction, out-of-bounds and hazard areas, and distance to the target point from your current location..

3. HOLE LOCATION

- Shows the distance to, elevation to the green, and position of the hole in 3D..

4. SHOT STATISTICS

- Displays the Remaining Distance, Ball Speed, Head Speed, Launch Angle, Yaw (Face Angle), Back Spin, and Side Spin.

5. CLUB AND LIE INFORMATION

- Displays the selected club and lie for the current ball location.

NEAREST PIN PRACTICE TOUCH SCREEN



1. GOLF COURSE AND SCORE INFORMATION

- Displays the golf course emblem and name, current hole, par, and hole distance.

2. YARDAGE BOOK

- Displays the wind speed and direction, out-of-bounds and hazard areas, and distance to the target point from your current location.

3. TARGET SETTINGS

- Move your target point left or right, Reset to the original target point.

4. SUB-FUNCTIONS

- Select View Terrain (Show or Hide), View Target, or Look Around..

5. WIND SPEED

- Set the wind to Mild, Normal, or Strong.

6. WIND DIRECTION

- Choose eight different directions indicated by the arrow.

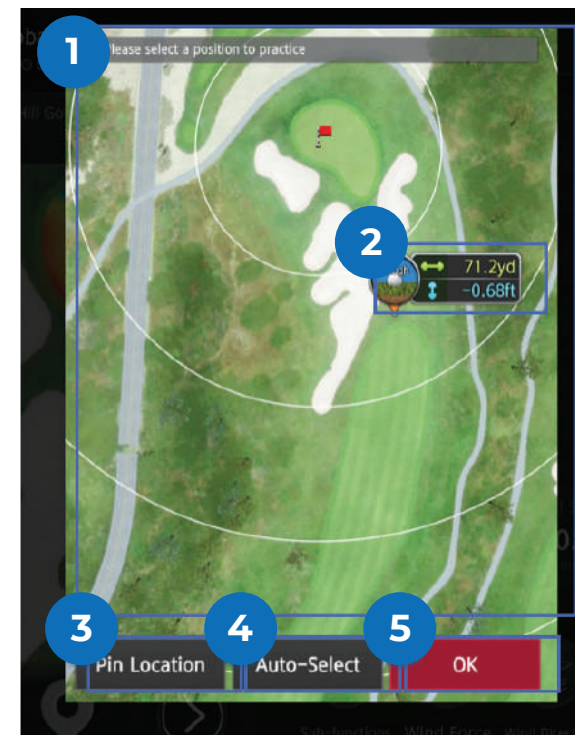
7. CHANGE LOCATION

- You can change the location of your practice shot.

8. NEXT HOLE

- Move to the next hole.

NEAREST PIN PRACTICE - CHANGE LOCATION



1. YARDAGE BOOK

- On the Yardage Book, you may select your location except for the green or apron, road, or out-of-bounds.

2. LIE INFORMATION

- Displays the lie image and the distance and elevation from the selected location to the pin.

3. PIN LOCATION

- You can select five pin locations: Left, Right, Center, Front, or Back.

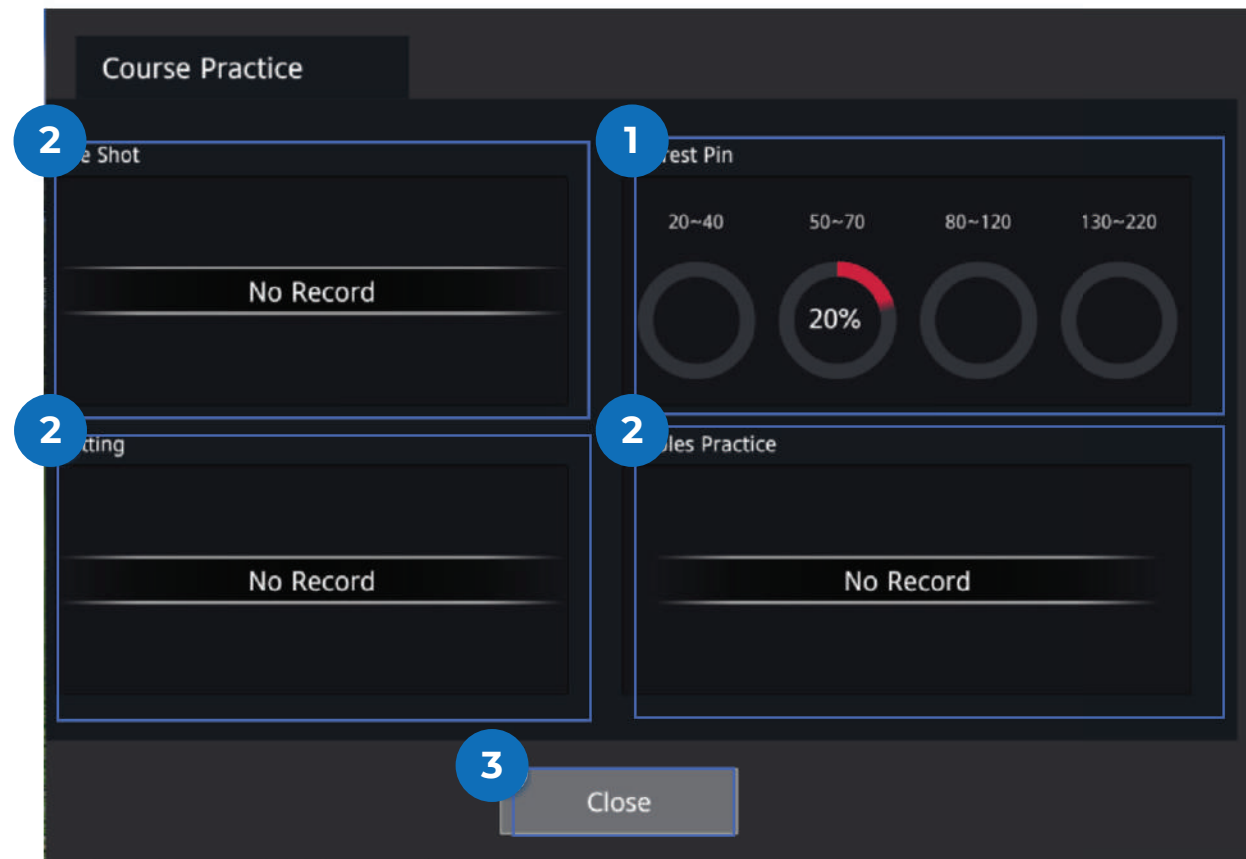
4. AUTO-SELECT

- The location changes automatically every five shots. (20-50 yards, 60-90 yards).

5. OK

- Save the selected location and go to Nearest Pin practice.

NEAREST PIN PRACTICE FINAL RESULT



1. NEAREST PIN PRACTICE RESULT

- Displays your Nearest Pin landing rate by distance.

2. OTHER FIELDS PRACTICE RESULT

- Results other than the Nearest Pin practice are not displayed.

3. CLOSE

- You can select five pin locations: Left, Right, Center, Front, or Back.

4. AUTO-SELECT

- The location changes automatically every five shots. (20-50 yards, 60-90 yards).

5. OK

- After Nearest Pin practice is completed, GDR Plus returns to the Driving Center screen.

PUTTING PRACTICE SCREEN



1. GOLF COURSE AND SCORE INFORMATION

- Displays the golf course emblem, name, current hole, par, and hole distance.

2. YARDAGE BOOK

- Displays wind speed, direction, and the green elevation (low is blue, red is high) in gradation color.

3. HOLE LOCATION

- Displays the distance, elevation, and position to the hole in 3D.

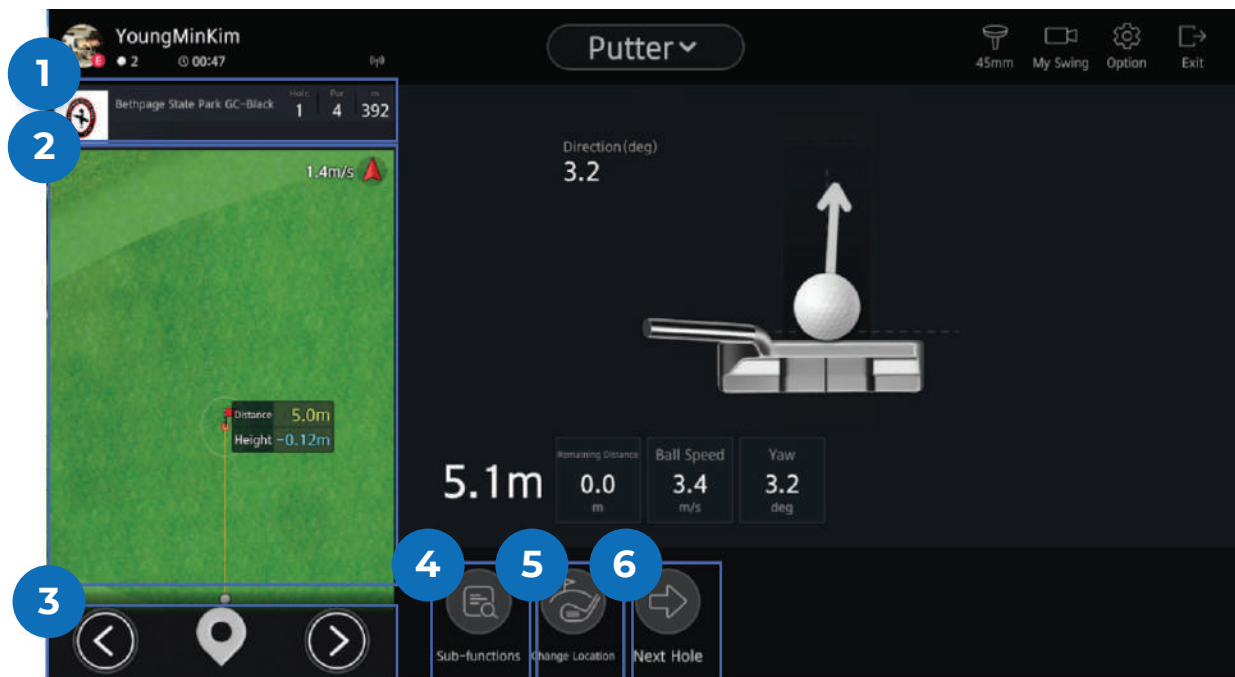
4. SHOT STATISTICS

- Displays the Remaining Distance, Ball Speed, Yaw (Face Angle).

5. CLUB AND LIE INFORMATION

- Displays the current club and lie information for the ball location.

PUTTING PRACTICE TOUCH SCREEN



1. GOLF COURSE AND SCORE INFORMATION

- Displays the golf course emblem, name, current hole, par, and hole distance.

2. YARDAGE BOOK

- Displays the wind speed, direction, distance and elevation to the hole from.

3. AIMING SETTINGS

- Move your target point left or right, Reset to the original target point.

4. SUB-FUNCTIONS

- Select View Terrain (show or hide), Ground View, or View Target.

5. CHANGE LOCATION

- You can change the location of your practice shot.

6. NEXT HOLE

- Move to the next hole.

PUTTING PRACTICE - CHANGE LOCATION



1. YARDAGE BOOK

- On the Yardage Book, you may select your location except for the green or apron, road, or out-of-bounds.

2. DISTANCE AND ELEVATION INFORMATION

- Displays the distance and elevation from the selected location to the pin.

3. GREEN STATUS

- Select your speed on the green: Normal, Fast, or Fastest.

4. PIN LOCATION

- Select from five pin locations: Left, Right, Center, Front or Back.

5. AUTO-SELECT

- Select your starting distance (9, 15, 30, or 45 feet).

6. OK

- Save the selected location and practice putting.

PUTTING PRACTICE FINAL RESULT



- 1. PUTTING PRACTICE RESULT
 - Displays your putting success rate, made putts, and those within the three-foot circle.
- 2. OTHER FIELDS PRACTICE RESULT
 - Results other than putting are not displayed.
- 3. CLOSE
 - After the putting practice is completed, GDR Plus returns to the Driving Center screen.

SKILL TEST SCREEN



- 1. GOLF COURSE AND SCORE INFORMATION
 - Displays the golf course emblem, name, current hole, par, and hole distance.
- 2. SUCCESS OR FAILURE
 - Success or Failure information is shown in color (Before the shot, Success, Failure)
- 3. YARDAGE BOOK
 - Displays the wind speed, direction, out-of-bounds, hazard areas, and distance to the target point from your current location.
- 4. HOLE LOCATION
 - Displays the distance, elevation, and position of the cup in 3D.
- 5. SHOT STATISTICS
 - Displays the Remaining Distance, Ball Speed, Head Speed, Launch Angle, Yaw (Face Angle), Back Spin, and Side Spin.
- 6. CLUB AND LIE INFORMATION
 - Displays the selected club and lie for the current ball location.

SKILL TEST TOUCH SCREEN



1. GOLF COURSE AND SCORE INFORMATION

- Displays the golf course emblem, name, current hole, par, and hole distance.

2. YARDAGE BOOK

- Displays the wind speed, direction, out-of-bounds, hazard areas, and distance to the target point from your current location.

3. TARGET SETTINGS

- Move your target point left or right, Reset to the original target point..

4. SUB-FUNCTIONS

- Select View Terrain (show or hide grid), Look Around, View Target, or Ground View (on the green).

SKILL TEST RESULT



1. TEE SHOT

- Displays your Hit Fairway Percentage, Maximum Drive Distance, and Average Drive Distance.

2. SECOND SHOT

- Displays your GIR percentage.

3. APPROACH

- Shows your Hit Target Rate.

4. PUTTING

- Displays your Short and Long Putt Success Rate.

5. RETRY

- Retry the same skill test again on the same golf course.

6. CLOSE

- Ends the Skill Test and returns to the Driving Center screen.

9-HOLE PRACTICE SCREEN



1. GOLF COURSE AND SCORE INFORMATION

- Displays the golf course emblem, name, current hole, par, and hole distance.

2. SCORE INFORMATION

- Shows the remaining distance to the hole, current stroke, and your current score.

3. YARDAGE BOOK

- Displays the wind speed, direction, out-of-bounds, hazard areas, and distance to the target point from your current location.

4. HOLE LOCATION

- Displays the distance, elevation, and position of the cup in 3D.

5. SHOT STATISTICS

- Displays the Remaining Distance, Ball Speed, Head Speed, Launch Angle, Yaw (Face Angle), Back Spin, and Side Spin.

6. CLUB AND LIE INFORMATION

- Displays the selected club and lie for the current ball location.

9-HOLE PRACTICE TOUCH SCREEN



1. GOLF COURSE AND SCORE INFORMATION

- Displays the golf course emblem, name, current hole, par, and hole distance.

2. YARDAGE BOOK

- Displays the wind speed, direction, out-of-bounds, hazard areas, and distance to the target point from your current location.

3. TARGET SETTINGS

- Move your target point left or right, Reset to the original target point.

4. SUB-FUNCTIONS

- Select Score, Penalty Drop, View Terrain (Show or Hide grid), View Target, and Look Around (flyover).

5. NEXT HOLE

- Move to the next hole.

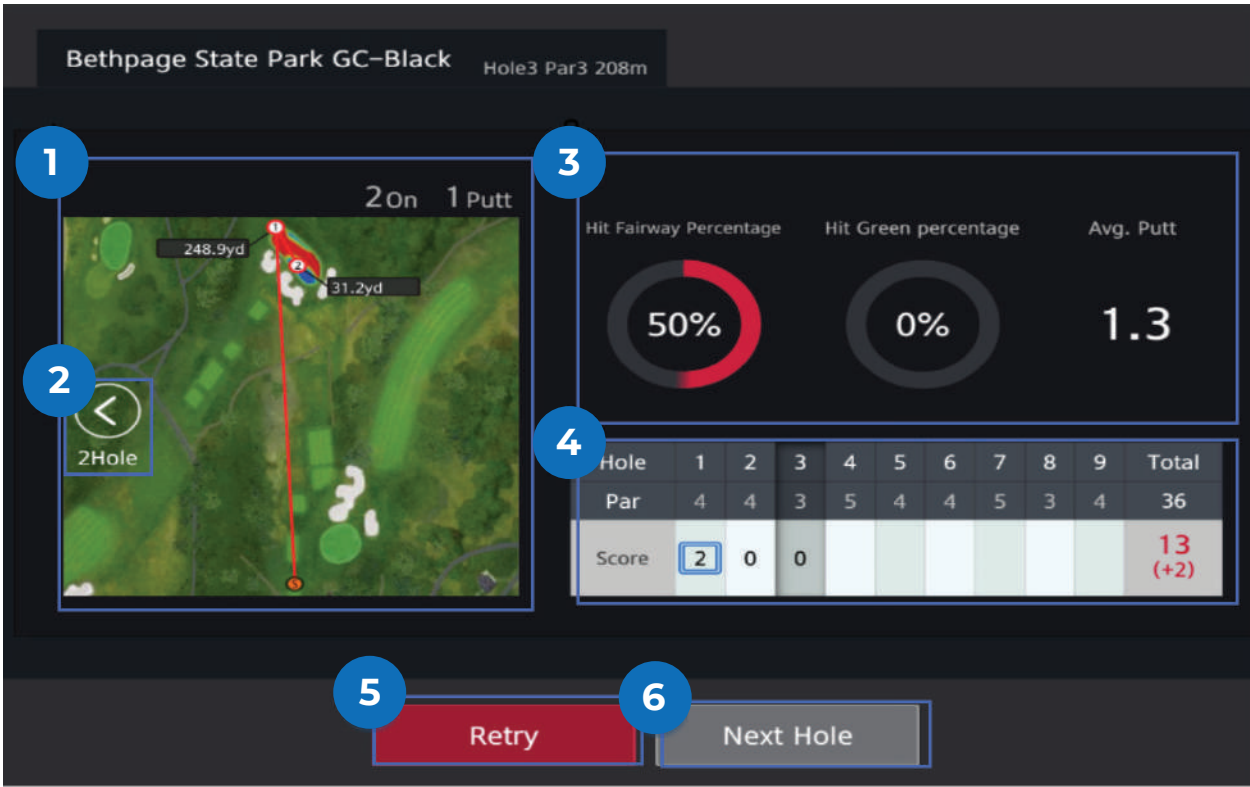
6. SETTINGS

- Set the Concede Distance, Green Location, Pin Location, Green Status (green speed), Wind Speed, Wind Direction, and Tee Location.

7. REPEAT SHOT

- Touch to hit the same shot from the same location again.

9-HOLE PRACTICE RESULT PER HOLE

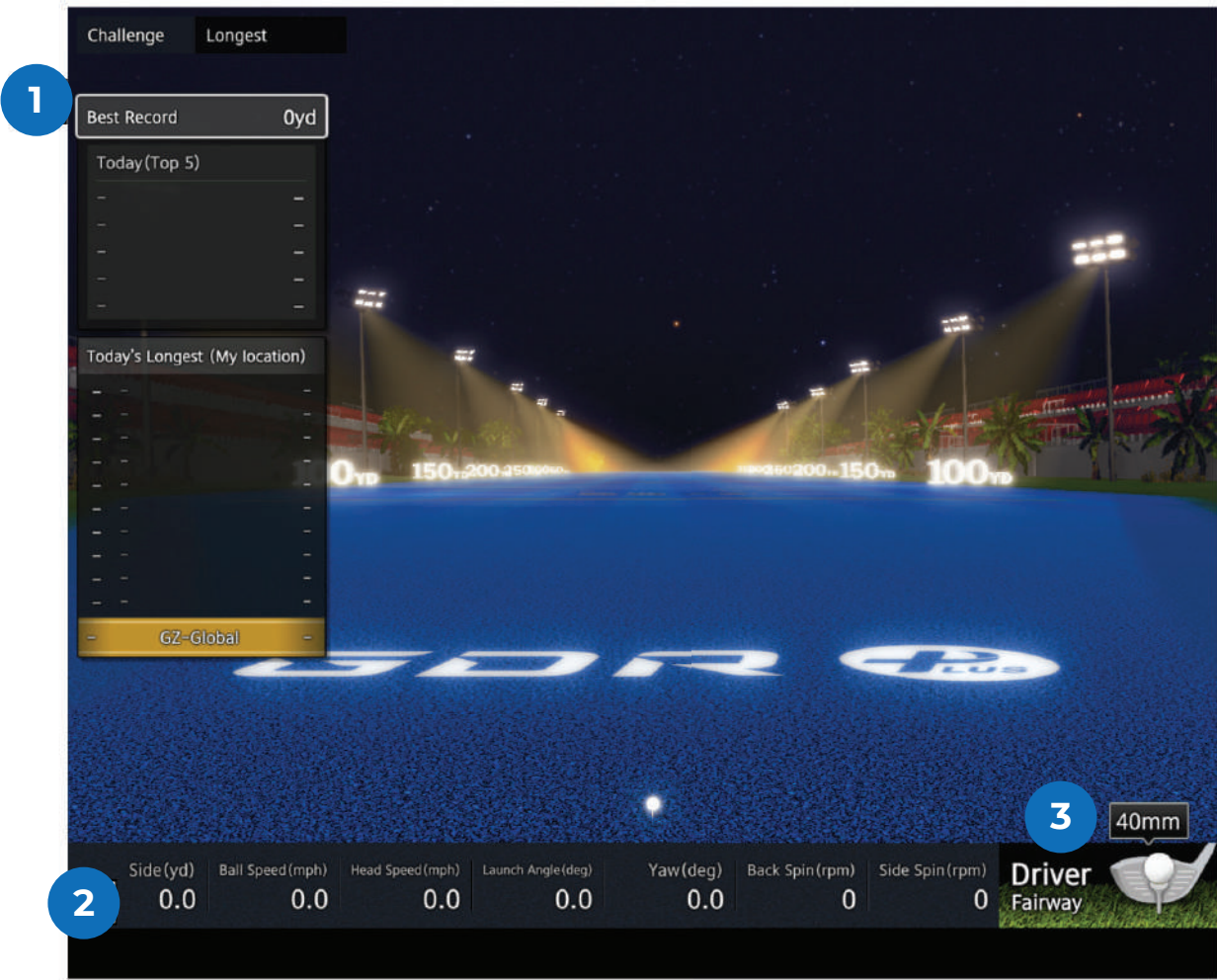


- SHOT RESULT**
 - Displays the location of each shot, number of shots to reach the green, and number of putts.
- CHANGE HOLE**
 - Check the previous hole and the next hole by touching the left or right direction buttons..
- AVERAGE SHOT DATA**
 - Displays Hit Fairway Percentage, GIR percentage, and average number of putts.
- SCORECARD**
 - Displays par for each hole and your score relative to par.
- RETRY**
 - Retry the same hole.
- NEXT HOLE**
 - Go to the next hole.

CHALLENGE

Four different challenges: Longest, Tee Shot, Pitch Shot, and Chip Shot

CHALLENGE – LONGEST SCREEN



- BEST RECORD**
 - Displays your longest drive.
 - Shows your Today's Top 5.
 - Displays Today's Longest at My Location
- SHOT STATISTICS**
 - Displays the Remaining Distance, Ball Speed, Head Speed, Launch Angle, Yaw (Face Angle), Back Spin, and Side Spin.
- CLUB AND LIE INFORMATION**
 - Displays the selected club and lie for the current ball location.

CHALLENGE – LONGEST TOUCH SCREEN



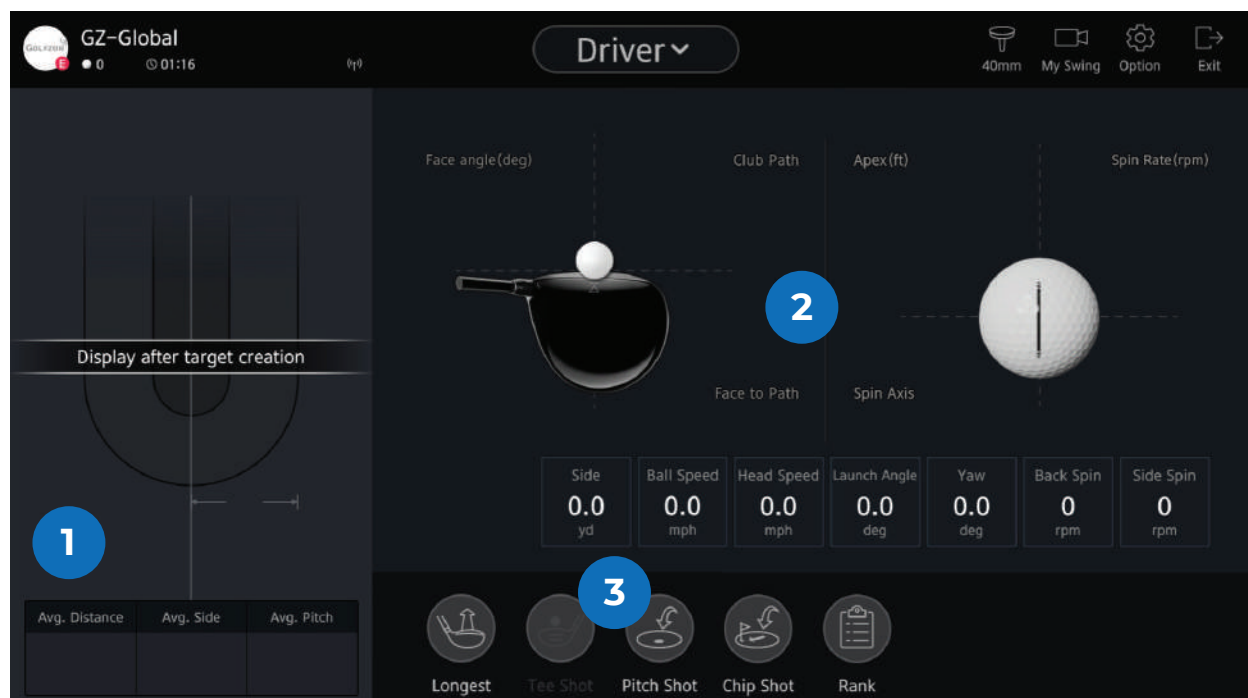
- 1. SHOT HISTORY**
 - Displays your shots on the map.
 - Displays Average, Average Side (deviation), and Average Shot Shape.
- 2. SHOT STATISTICS**
 - Displays Side (deviation), Ball Speed, Head Speed, Launch Angle, Yaw (Face Angle), Back Spin, and Side Spin.
- 3. CHALLENGE MODE**
 - Touch to select "Longest", "Tee Shot", "Pitch Shot", "Chip Shot" or "Rank".

CHALLENGE – TEE SHOT SCREEN



- 1. BEST RECORD**
 - Displays the Best Record score by points.
 - Displays Today's Rankings at My Location..
- 2. LEVEL**
 - Land your shot in the fairway to score points. Best scores are given when you land on the yellow line.
 - You have five shots to achieve the goal score number. When you reach the goal, you go to the next level.
- 3. WIDTH OF THE FAIRWAY**
 - Width of the fairway decreases with each shot that lands in the fairway.
 - With each increasing level of difficulty, the narrower the fairway and longer to carry.
- 4. SHOT STATISTICS**
 - Displays the Remaining Distance, Ball Speed, Head Speed, Launch Angle, Yaw (Face Angle), Back Spin, and Side Spin.
- 5. CLUB AND LIE INFORMATION**
 - Displays the selected club and lie for the current ball location.

CHALLENGE – TEE SHOT TOUCH SCREEN



1. SHOT HISTORY

- Displays your shots on the map.
- Displays Average, Average Side (deviation), and Average Shot Shape.

2. SHOT STATISTICS

- Displays Side (deviation), Ball Speed, Head Speed, Launch Angle, Yaw (Face Angle), Back Spin, and Side Spin.

3. CHALLENGE MODE

- Touch to select “Longest”, “Tee Shot”, “Pitch Shot”, “Chip Shot” or “Rank”.

CHALLENGE – PITCH SHOT SCREEN



1. BEST RECORD

- Displays the Best Record score by points.
- Displays Today's Rankings at My Location..

2. LEVEL

- Score points by landing your shots in each of the three funnel-shaped pits: 35, 55, and 90 yards. The funnels are increasingly larger on the longer holes. Points increase as you land in the longer holes.
- You have five shots to achieve the goal score number. When you reach the goal, you go to the next level.

3. SHOT STATISTICS

- Displays the Remaining Distance, Ball Speed, Head Speed, Launch Angle, Yaw (Face Angle), Back Spin, and Side Spin.

4. CLUB AND LIE INFORMATION

- Displays the selected club and lie for the current ball location.

CHALLENGE – PITCH SHOT TOUCH SCREEN



1. SHOT HISTORY

- Displays your shots on the map.
- Displays Average, Average Side (deviation), and Average Shot Shape.

2. SHOT STATISTICS

- Displays Side (deviation), Ball Speed, Head Speed, Launch Angle, Yaw (Face Angle), Back Spin, and Side Spin.

3. CHALLENGE MODE

- Touch to select “Longest”, “Tee Shot”, “Pitch Shot”, “Chip Shot” or “Rank”.

CHALLENGE – CHIP SHOT SCREEN



1. BEST RECORD

- Displays the Best Record score by points.
- Displays Today's Rankings at My Location..

2. LEVEL

- Score points by landing your shots inside the target.
- Your lie and distance changes when you score points.
- You have five shots to achieve the goal score number. When you reach the goal, you go to the next level.

3. SHOT STATISTICS

- Displays the Remaining Distance, Ball Speed, Head Speed, Launch Angle, Yaw (Face Angle), Back Spin, and Side Spin.

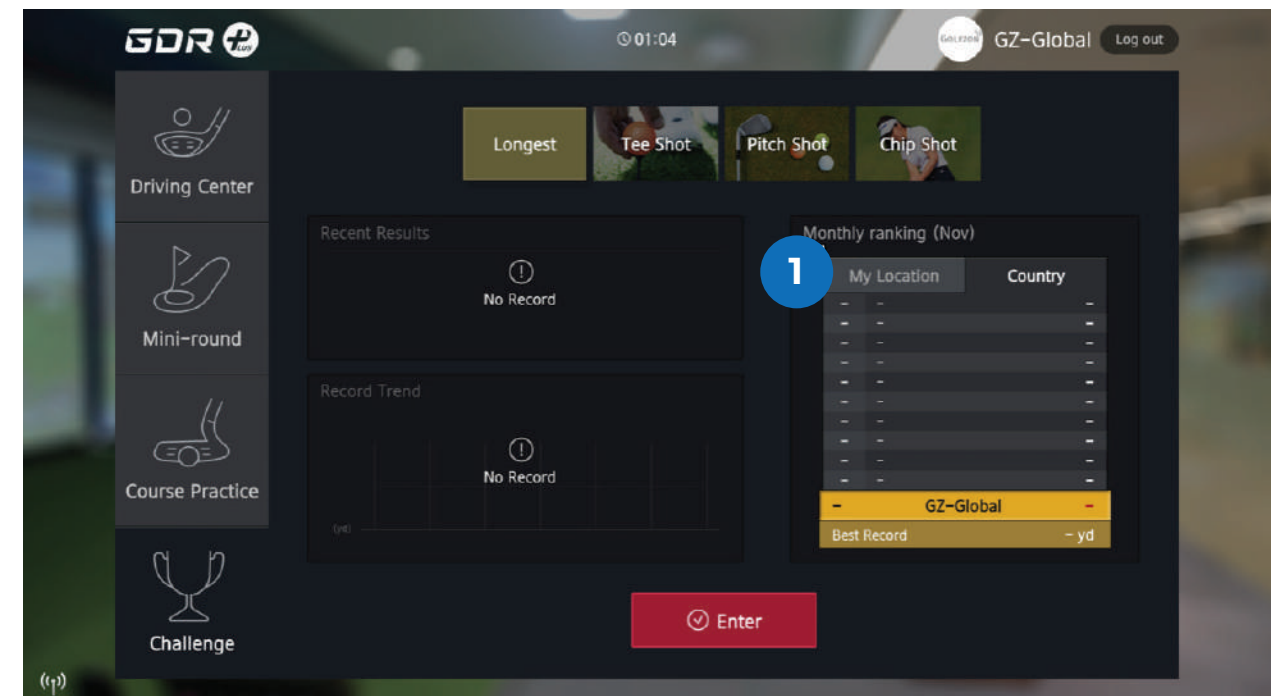
4. CLUB AND LIE INFORMATION

- Displays the selected club and lie for the current ball location.

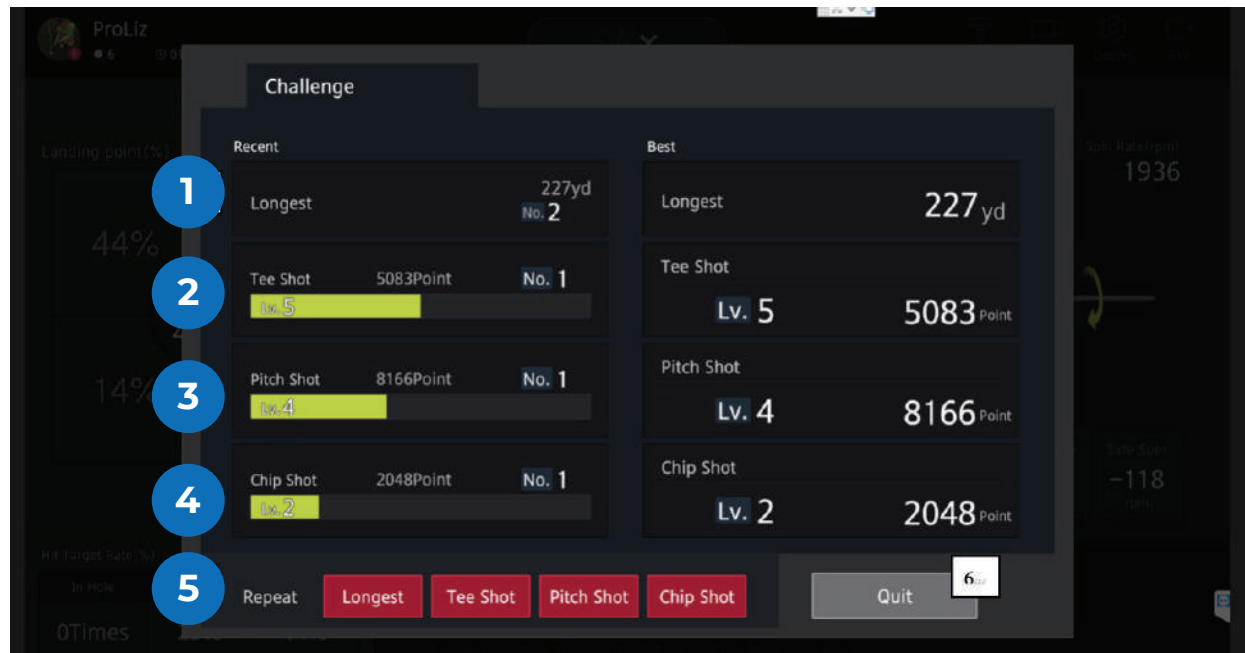
CHALLENGE – CHIP SHOT TOUCH SCREEN



CHALLENGE – RANK TOUCH SCREEN



CHALLENGE – FINAL RESULT TOUCH SCREEN



Displays both your most Recent and Best totals.

1. LONGEST

- Displays your longest Recent and Best drives in yards.

2. TEE SHOT

- Displays both the Recent and Best Levels you have achieved and your Point totals..

3. PITCH SHOT

- Displays both the Recent and Best Levels you have achieved and your Point totals.

4. CHIP SHOT

- Displays both the Recent and Best Levels you have achieved and your Point totals.

5. REPEAT

- Touch any of the options for Longest, Tee Shot, Pitch Shot, or Chip Shot to repeat the Challenge.

6. QUIT

- Touch Quit to return to the Driving Center..

SWING VIDEOS & AI DIAGNOSIS

MY SWING – HOW TO USE “MY SWING”



Analyze your swing motion in detail using tools in the video.

1. TAB TO SELECT FUNCTIONS

- Touch “My Swing”, “Swing Comparison”, or “Mirror” to change your selected video mode.

2 - 3. SELECT SIDE OR FRONT VIEW OF MY SWING

- Touch “Side” to view your swing down the line.
- Touch “Front” to view your swing face on.
- Touch to view any of your last five videos.

4 - 5. LEFT AND RIGHT MY SWING PLAY WINDOW

- Displays the Date, Practice Mode, Club, and Distance of your last shot.

6 - 7. LOAD AND SAVE MY SWING

- Touch to Load My Swing.
- Touch to save My Swing on your app.

8.SHAPE DRAWING TOOLS

- Straight line
- Straight line with arrow
- Draw a broken line
- Draw a rectangle
- Draw a circle
- Select line color
- Erase one shape
- Erase all shapes.

MY SWING – HOW TO USE “MY SWING”



1 - 2. SELECT VIDEO CONTROL

- Select Left or Right Video Control to change the Play Speed and Section Repeat settings.

1. PLAY SPEED

- Choose 1 (normal) speed, 1/4 speed, or 1/8 speed.

2. PLAYBACK CONTROL BUTTONS

- Play, Stop.
- Move to the previous or next frame.

3. SECTION REPEAT

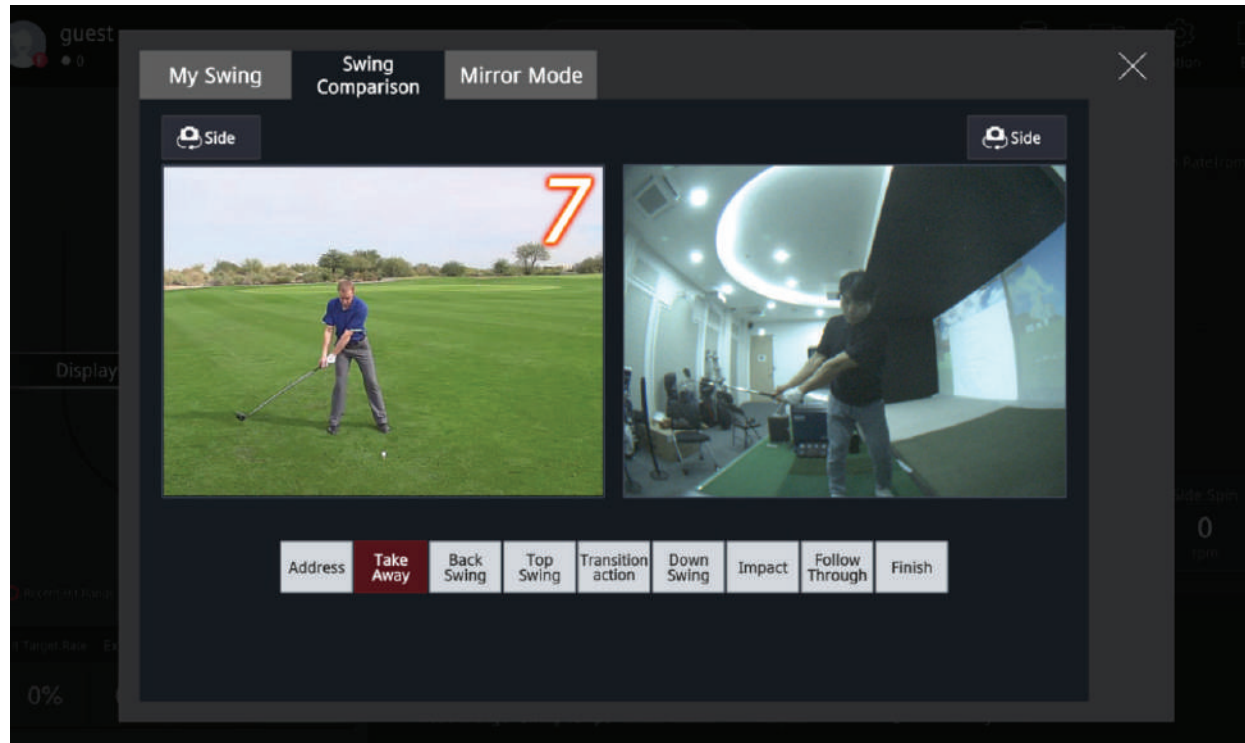
- Set the starting point of the video.
- Set the end point.
- Remove section repeat..

4. PLAYBACK TIME DISPLAY

- Displays the current playback time.

MY SWING – HOW TO USE “SWING COMPARISON”

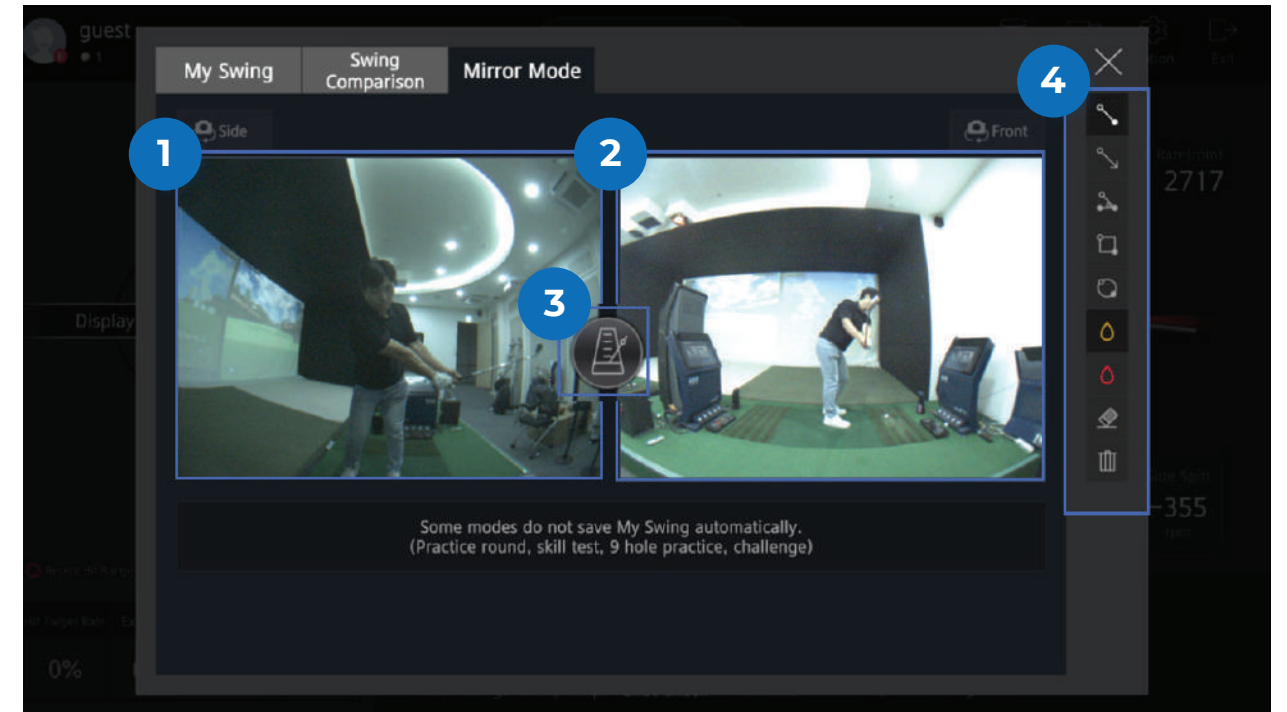
Compare and analyze your “My Swing” video to swing videos of pro players.



- 1 - 2. SELECT A SIDE OR FRONT VIEW.
3. DISPLAYS STILL PICTURES OF A PRO STARTING AT ADDRESS AND THROUGH THE FINISH.
4. DISPLAYS YOUR LIVE FEED TO COMPARE TO THE PRO.

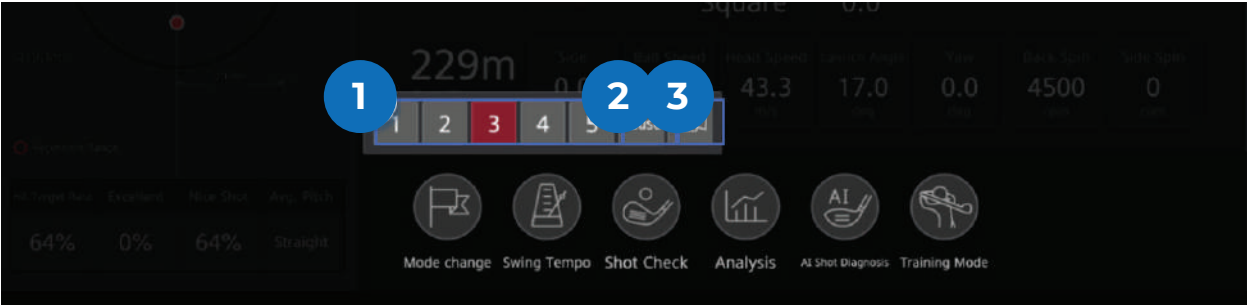
MY SWING – HOW TO USE “MIRROR MODE”

Analyze your swing as if looking into a mirror.



- 1 - 2. ANALYZE YOUR SWING FROM THE SIDE OR FRONT VIEW.
3. TOUCH TO START THE SWING TEMPO.
4. ANALYZE AND CORRECT YOUR SWING WITH THE DRAWING TOOLS.

SWING TEMPO



- 1. PRACTICE YOUR SWING TEMPO: 1 IS FASTEST TEMPO, 5 IS SLOWEST.
- 2. “PAUSE” STOPS THE SWING TEMPO.
- 3. GO TO “VIEW MIRROR” VIDEO.

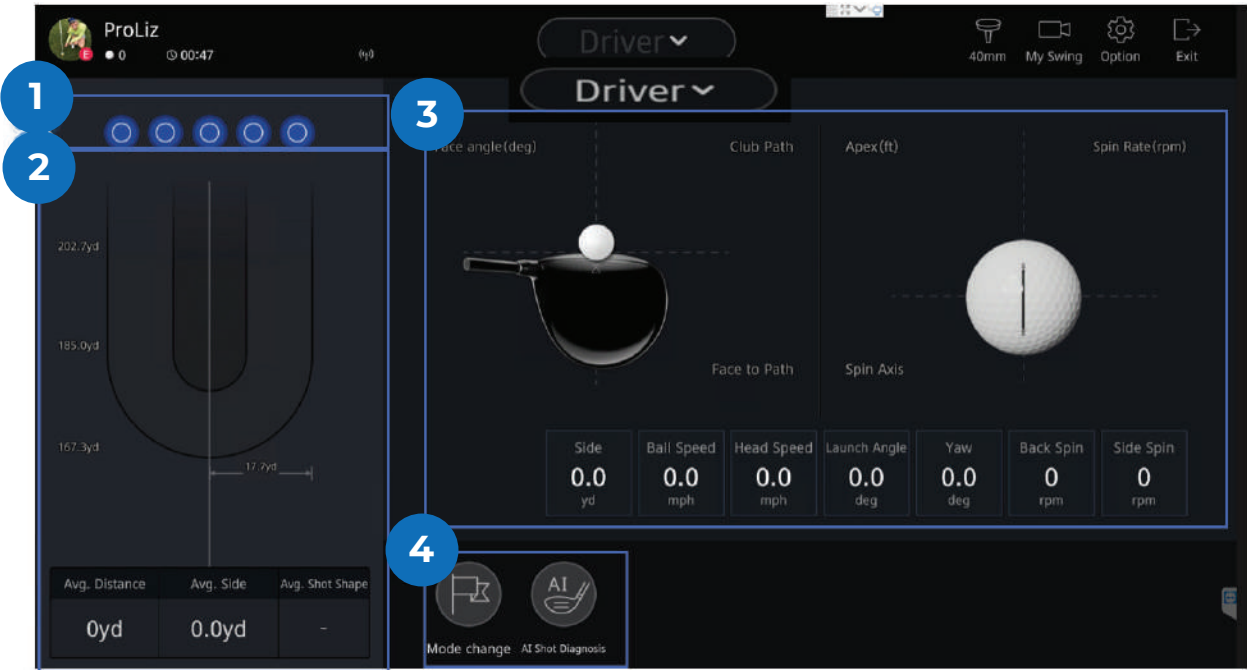
AI DIAGNOSIS SCREEN

Analyzes five shots with the swing diagnosis and trend graph.



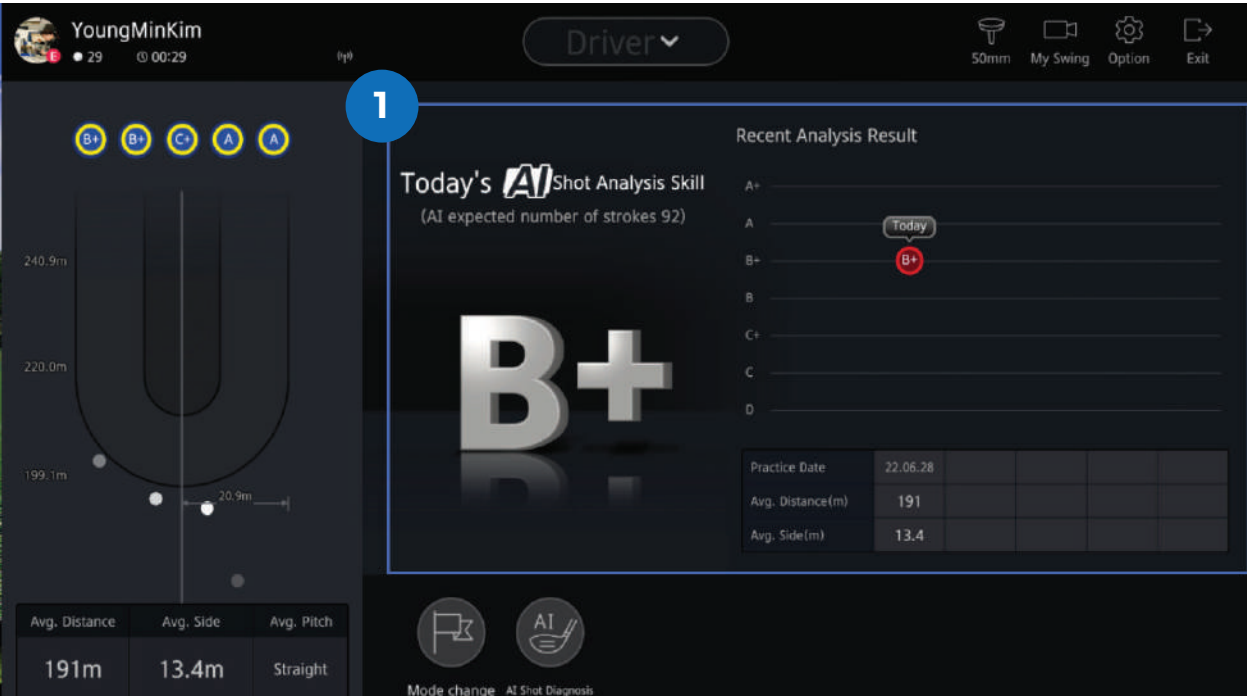
- 1. PROGRESS STATUS
 - Shots completed, Shot in progress, Remaining shots..
- 2. DRIVING DISTANCE, CARRY, AND ROLL
 - Displays Driving Distance, Carry, and Roll.
- 3. SHOT STATISTICS
 - Displays Side (deviation), Ball Speed, Head Speed, Launch Angle, Yaw, Back Spin, and Side Spin.
- 4. CURRENT CLUB AND LIE INFORMATION
 - Displays the club and the lie of the current ball position.

AI DIAGNOSIS TOUCH SCREEN



- 1. PROGRESS STATUS
 - Shots completed, Shot in progress, Remaining shots.
 - Completed shots show your results as grades.
- 2. YARDAGE BOOK TARGET AND SHOT STATISTICS
 - Displays your Target, Average Distance, Average Side (deviation), and Average Shot Shape.
- 3. CLUB ANALYSIS
 - Analyzes your club data.
- 4. MODE CHANGE AND AI SHOT DIAGNOSIS
 - Touch to go to the Driving Center or Swing Practice.
 - Touch to change your AI diagnosis: Driver, 200 yards, 150 yards, or 100 yards.

AI DIAGNOSIS FINAL RESULT



1. AI DIAGNOSIS RESULT

- After five shots, the diagnostic result is displayed with an alphabetical grade.
- Displays your last five AI results for today: Practice Date, Average Distance, and Distance from the target.

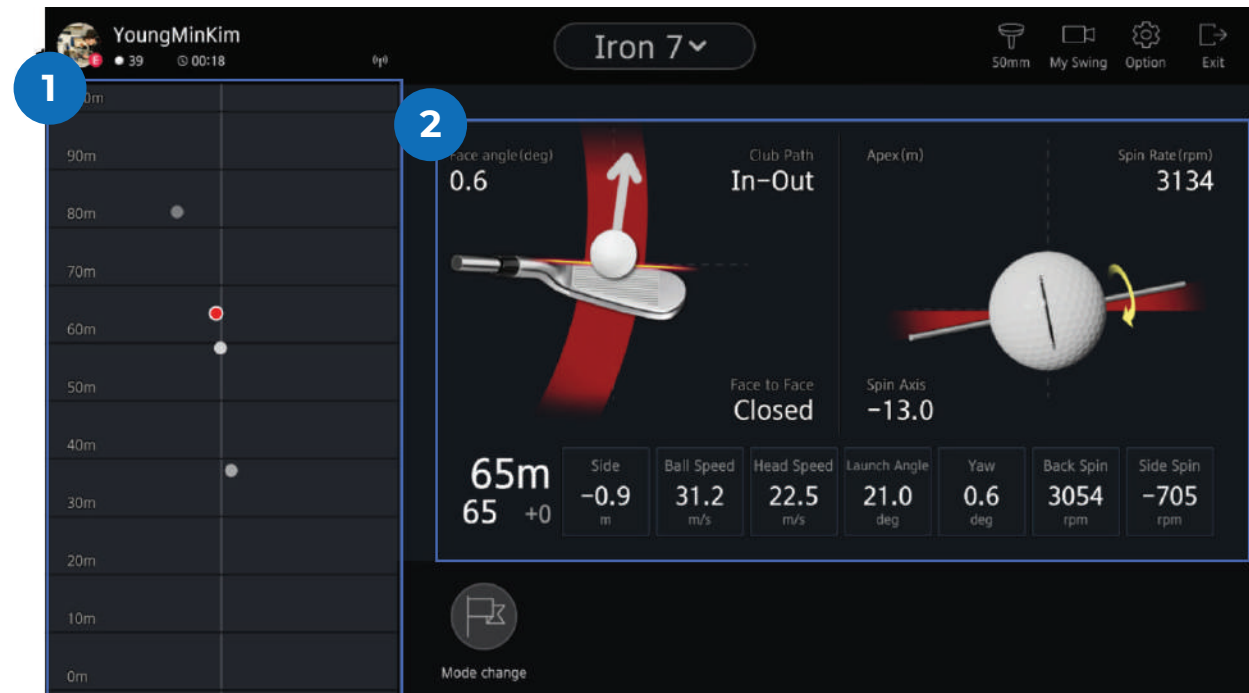
SWING PRACTICE



1. SUCCESS OR FAILURE

- Receive one star when the ball lands in the yellow landing zone on the fairway.
- ## 2. DRIVING DISTANCE, CARRY, AND ROLL
- Displays the Driving Distance, Carry, and Roll.
- ## 3. SHOT STATISTICS
- Displays the Side (deviation), Ball Speed, Head Speed, Launch Angle, Yaw (Face Angle), Back Spin, and Side Spin.
- ## 4. CURRENT CLUB AND LIE INFORMATION
- Displays the current club and lie information for the ball location.
- ## 5. YELLOW LANDING ZONE
- Land your ball in the yellow landing zone to receive a star. Landing your ball outside the yellow landing zone is a miss.

■ SWING PRACTICE TOUCH SCREEN



1. SHOT HISTORY

2. CLUB ANALYSIS

- Displays Side, Ball Speed, Head Speed, Launch Angle, Yaw (Face Angle), Back Spin, and Side Spin.

SERVICE INFORMATION

GOLFZON provides repair services and replacement parts. Email tech@golfzon.com for service. With customer cooperation, many malfunctions can be solved remotely.

■ WARRANTY

GOLFZON protects the product under warranty when it is installed properly and used as detailed in this guide. The warranty expires 12 months after the product is installed. Extended warranty options are available. Contact your GOLFZON service representative for more information.

■ LIMITATION OF LIABILITY

Using the product in any way not described in this guide immediately voids the warranty on the product. The warranty does not apply in the following cases:

- Failure resulting from negligent or inappropriate use.
- Failure caused by improper preservation including, but not limited to, corrosion, dropping, and flooding.
- Failure resulting from repairs or modifications performed by any unauthorized party.
- Failure caused by force majeure events, including voltage fluctuation and natural disasters such as storm, fire, earthquake, and lightning.
- Use of any software other than that provided by GOLFZON.
- Modification of the software using reverse engineering tools, including, but not limited to, decompilers.

■ CONSUMABLES

The following items are consumables and not included in the warranty:

- Rubber tee
- Golfzon golf balls
- All mats including fairway mat
- Projection screen
- The projector.

If the consumables are damaged or badly worn, you can request new consumables from GOLFZON.

TROUBLESHOOTING

Please attempt to solve problems using the solutions provided in this chapter. If a problem persists even after the suggested remedy, please contact GOLFZON or your authorized service provider for tech support.

■ TOUCH SCREEN

A PARTICULAR COLOR IS TOO MUCH ON THE TOUCH SCREEN.

- Restart the kiosk

TOUCHES ON THE SCREEN ARE REGISTERED BUT MISPLACED.

- Calibrate the touch accuracy using the control buttons on the right below the display.

THERE ARE DEAD PIXELS ON THE TOUCH SCREEN.

- The touch screen may be defective. Please contact GOLFZON or your authorized service provider for tech support.

■ PROJECTOR

THE TOUCH SCREEN DISPLAYS NORMALLY, BUT NOTHING IS DISPLAYED ON THE PROJECTOR SCREEN.

1. May be caused by the resolution difference between the touch screen and the projector. Make sure that the [Multiple displays] option is set to [Duplicate these displays] in the Windows display settings.
2. Make sure that the projector is on.
3. Restart the GDR program.

THE PROJECTOR IS ON, BUT IT IS NOT WORKING.

1. Make sure that the lamp is correctly mounted.
2. Turn the projector off, wait until it cools down, and then turn it on again.

■ T2 SENSOR

THE SENSOR LIGHT STAYS OFF.

- Restart the kiosk

THE SENSOR LIGHT IS ON, BUT THE BALL IS NOT RECOGNIZED.

1. Put the ball between you and the line on the Fairway Mat.
2. Wait a few more seconds.
3. Disconnect the power cable from the T2 Sensor, and reconnect in 3 minutes.

■ KIOSK

THE BOTTOM KEYPAD DOES NOT WORK.

- Some of the keypad buttons are unavailable depending on the practice mode. Pressing an unavailable button produces a warning sound. If any button does not produce a warning sound, contact GOLFZON or your local authorized service provider for technical support.

THE KEYPAD IS PARTLY OR WHOLLY DETACHED FROM THE KIOSK.

- The keypad is designed to be removable. Hit the detached area until it locks into place.

■ SWING MOTION CAMERA

SWING VIDEOS ARE RATHER DARK.

- The camera automatically adjusts the brightness according to ambient light. Remove too bright light sources.

NO SWING VIDEO IS RECORDED.

- Contact GOLFZON or your local authorized service provider for technical support.

WHEN A SWING VIDEO IS REPLAYED, THE IMAGE IS NOT CLEAR.

- Contact GOLFZON or your local authorized service provider for technical support.

SPECIFICATIONS

■ GDR PLUS KIOSK

Operating System	Windows 7
CPU	Intel Core I5 - 8500 Processor
RAM	8 GB
SSD	500 GB
Dimensions	27.7 x 14.3 × 36.9 in (704 x 938 x 363 mm)
Weight	84.9 lb (38.5kg)
Touch Screen	20.5 x 11.5 in (520 x 293 mm)
Swing Motion Camera	522 FPS, 0.4 Megapixels

■ T2 SENSOR

Frame rate*	1600 - 2000 FPS
Dimensions	5.9 x 5.1 x 10.6 in (150 x 130 x 270 mm)
Weight	4.6 lb (2.1 kg)

■ GDR PLUS KIOSK

NOTE: The projector is subject to change due to GOLFZON's internal policy.

Model	Hitachi CP-X4042WN
Lamp type	Mercury
Brightness	4200 lm
Resolution	1024 × 768
Dimensions	12.6 × 9.6 × 3.3 in (320 × 245 × 84 mm)
Weight	6.6 lb (3 kg)
Power Consumption	310 W (depending on power mode)
Lamp Life	2000 h (depending on power mode)

SHOT DATA COMPARISON ANALYSIS MATERIAL

PGA PRO PLAYERS' AVERAGE DATA BY CLUB

Compare the PGA pro players' average data with your GDR Plus data, and check your skills!

Club data	W1	W3	W5	I3	I4	I5	I6	I7	I8	I9	PW
Ball speed (m/s)	74	71	68	63	61	59	57	54	51	49	46
Ball speed (mph)	166	159	152	141	136	132	128	121	114	110	103
Launch Angle (°)	11.2°	9.2°	9.4°	10.4°	11.0°	12.1°	14.1°	16.3°	18.1°	20.4°	24.2°
Back Spin (rpm)	2685	3655	4350	4630	4836	5361	6231	7097	7998	8647	9304
Ball Height (m)	28	27	28	25	26	28	27	29	28	27	27
Ball Height (yd)	68	65	62	57	55	54	51	49	46	43	50
Carry (m)	246	222	210	194	186	177	167	157	146	135	124
Carry (yd)	269	243	230	212	203	194	183	172	160	148	136
Driving Distance (m)	269	238	221	201	191	181	169	162	148	136	124
Driving Distance (yd)	294	260	242	220	209	198	185	177	162	149	136
Left-to-right Distance (m)	12.8	11.6	10.6	8.3	7.4	6.7	6.2	5.5	4.8	3.9	3.5
Left-to-right Distance (yd)	14	13	12	9	8	7	7	6	5	4	4

LPGA PRO PLAYERS' AVERAGE DATA BY CLUB

Compare the LPGA pro players' average data with your GDR Plus data, and check your skills!

Club data	W1	W3	W5	I4	I5	I6	I7	I8	I9	PW
Ball speed (m/s)	62	59	57	52	50	49	47	45	42	39
Ball speed (mph)	139	132	128	116	112	110	105	101	94	87
Launch Angle (°)	14.0°	11.2°	12.1°	14.3°	14.8°	17.1°	19.0°	20.8°	23.9°	25.6°
Back Spin (rpm)	2628	2704	4501	4801	5081	5943	6699	7494	7589	8403
Ball Height (m)	23	21	24	22	21	23	24	23	24	21
Ball Height (yd)	25	23	26	24	23	25	26	25	26	23
Carry (m)	201	178	169	155	149	139	129	119	109	98
Carry (yd)	220	195	185	170	163	152	141	130	119	107
Driving Distance (m)	225	199	183	165	155	145	134	123	112	100
Driving Distance (yd)	246	218	200	181	170	159	147	135	123	109
Left-to-right Distance (m)	11.4	10.4	9.6	7.8	7.0	6.2	5.5	5.1	4.3	3.6
Left-to-right Distance (yd)	12	11	11	9	8	7	6	6	5	4

GOLFZON

Three vertical bars of varying heights are positioned to the right of the word 'GOLFZON'. The first bar is orange and is the tallest. The second bar is red and is the shortest. The third bar is blue and is of medium height.