Headquarter
37-8, Yuseong-daero 1628beon-gil, Yuseong gu, Daejeon, 34054, Rep. of Korea
Tel. 042-935-9700  Website: www.thegolf.com / www.xpga.co.kr

Seoul Branch Office
A-1304-1, SK Techone Park Apt., 60, Haan-ro, Gwangmyeong-si, Gyeonggi-gu, Korea, 14322
Tel. 1544-9779  Website: www.xpga.co.kr

Overseas
USA X-GOLF America. INC.
19607-Hamilton Ave. Los Angeles, CA 90502, USA
TEL. +1-323-400-6811  Website: http://www.xgolfsimulator.com/

Japan X-GOLF Japan Co., Ltd.
DY Kanamachi BLDG., 5-8, Karamachi 6-chome, Katsushika-ku, Tokyo, JAPAN, 1250042
Tel. +81-3-5876-1875  Website: http://www.x-golf.co.jp/

Australia X-GOLF Australasia Pty., Ltd.
1339 High St., Malvern, VIC 3144
Tel. +61-438-398-527  Website: http://www.xgolf.com.au/

China ZhongShan Myking Golf Equipment Co., Ltd.
Ziyuan ZIF #18
Changleq Road Zhongshan City Guangdong Province China
Tel. +86-4039072818 / +86-760-8558273
Website: http://www.mykinggolf.com/

Middle East X-GOLF Middle East
1st floor, Building 3 Bay Square, Business Bay, Dubai, United Arab Emirates
Tel. +971-504-277-344  Website: http://www.xgolf.ae/

South America Pro&Prinvest
Edif. Prinvest 2F AV. Japon Eiq. Gaspar Centurion, Asuncion, Paraguay 30044
Tel. +595-21-308-080  Email. pablochung@daum.net
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History

2016 07  Chosen as Official equipment for Australian GOLF TEAM for Brazil Olympic
06  Launched Extreme Live Series (New X-GOLF NEX, EYE, MINI)
05  Acquired ETL certification (X-GOLF NEX)
2015 11  Made a contract for exclusive distribution of Hainan province, Hong Kong, Macau
05  Established X-GOLF Middle East
04  Made a contract for exclusive distribution of Guangdong province, Hunan province, Fujian province, Guangxi Zhuang Autonomous Region
2014 05  Held the second X-GOLF Worldwide Workshop
2013 11  Installation contract for simulators at Paraguay direct management shop
2012 12  Held the first X-GOLF Worldwide Workshop
07  Selected as Global brand support by KOTRA
06  Acquired ETL certification (X-GOLF i2, X-GOLF iR, X-GOLF i2S)
04  Made an agreement for Own brand support business by KOTRA
2011 12  Acquired certification for world class product of Korea by Ministry of Knowledge Economy
10  Registered as Federal gov. of the U.S.'s CCR Official Vendor, and received NATO Manufacturer code
09  Established X-GOLF America INC.
08  Established X-GOLF Australasia
06  Established X-GOLF Japan
05  Moved office building for RD-Tek Co., Ltd (Daedeok Science Park)
2010 12  Launched 'X-GOLF T' for both handed players
06  Acquired ETL certification (X-GOLF PRO, X-BALANCE, SMAS)
06  Launched archery simulator, 'X-ARCHERY'
03  Launched X-GOLF PRO Premium (the best backspin and bunker shot realization)
2009 11  Merger for XPQA (Online golf business development and management)
09  Receive presidential citation from Innovative Technology Show
06  Received reward for Technology Patents
06  X-GOLF Educational Institute completed to be built (at Daedeok Science Complex)
03  Selected as company for export business by Small and Medium Business Administration
02  Selected as Star Patent company by Korean Intellectual Property Office
02  Launched X-GOLF PRO
2008 10  Launched automatic tilting plate ‘X-PLATE’
07  Awarded Tower of Sales by Daejeon city
06  Opened U.S. branch office
04  Launched ‘X-GOLF PLUS’ (strengthened in online management and camera features)
01  Established XPQA (Online golf business development and management)
01  Opened China branch office
2007 07  Nominated as a high-tech company by Ministry of Knowledge Economy
02  Selected as Porspected exporting company by Exporting support office from Small and Medium Business Administration
02  Acquired superior quality (EM) by KATS and MOTIE
2005 12  Launched Golf simulator, X-GOLF, and Auto Ball Feeder, X-Ball.
10  Launched Golf Swing Anlayysis System, 'X-Birdie' and 'X-Balance'
2004 11  Launched Golf Swing Anlayysis System, 'X-Birdie' and 'X-Balance'
2002 09  Approved for the exhaust measuring machine and environment measuring machine by NIER
08  Approved for sash dynamometer (V-type, S-type, K-type) environment measuring machine by NIER
2001 07  Selected as technology innovation SME and prospecting company [INNO-BIZ]
06  Moved office building & factory for RD-Tek Co., Ltd (3rd industrial park)
05  Nominated as a venture company by Small and Medium Business Administration
2000 07  Established RD-Tek Co., Ltd.

Patents

- System & method for output status when hitting when using screen golf
- Method for providing ball information when using screen golf and system thereof
- Analysis system for information for golf ball & club head
- Minimum ground clearance auto ball feeder
- Measuring system and method for detecting shot information
- Screen golf system and method for switching state function?using light sensor
- Synchronization system and method for video & sensor signal (1)
- Sensing system for club head’s entering angle, space velocity and hitting point for screen golf
- Synchronization system and method for video & sensor signal (2)
- Minimum ground clearance one-point standard eight-direction moving plate
- Synchronization system and method for video & wireless sensor signal
- Method for golf simulator & golf simulation
- Motion Capture system and method using multiple images & storing medium containing programs that execute this method and can be decoded by computer
- Screen golf system and method & storing medium containing programs that execute this method and can be decoded by computer
- Screen golf system and method for putting simulation
- Golf ball feeding device

- A further 8 patents have been developed in addition to the above.
2016 Brazil Rio Olympic:
Selected for Australia National Golf Team's Official Equipment

X-GOLF simulator was selected for Australia National Golf Team's Official Equipment for 2016 Rio Olympic. X-GOLF simulator was installed at the Edge and got lots of attention from officials and professional golfers. X-GOLF EYE simulator was installed and it proved accurate spin measuring technology using X-GOLF's marked balls. X-Balance and 300FPS analysis camera enable X-BIRDIE program to provide detailed practice. Australian National Golf Team's was impressed by X-GOLF's exceptional function, graphic and accuracy and enjoyed using the simulator on free time and benefit from using it. Golf players from Australia praised X-GOLF's superior performance, graphic and accuracy, and this has been turned into a great opportunity for X-GOLF to prove its performance, which can stand comparison with other brands to give lesson to members of national team.

What are X-GOLF's key factors?

**Hardware**

- World's most accurate measuring system

1. Capturing:
   1) Vector and spin of a ball
   2) Weight transfer curve
   3) Club Path

2. Highly responsiveness
3. Remotely controllable
4. Updates automatically

**Software**

- Premium multi-lingual digital technology

1. Realistic graphics (Window 10, 64bit, FULL HD)
2. Lesson & club fitting function
3. Motion analysis function for athletes (weight transfer curve, club head path, 300fps x 2)
4. NEW 'Fun-Mode' (Fantasy point based game, GOLF IQ, level-up game)

**Web & App**

- Multi-lingual & worldwide

1. 'My Caddie' Digital Locker (manages all personal records: lessons, games, events, etc.)
2. 'X-Manager' Premium store management feature (Manages operations of simulators, sales transactions, customer profiles etc.)
3. Precision club fitting service with access to branding opportunities by leading club and equipment manufacturers
4. Remote lesson feature
5. Online tournament play
THE WORLD'S MOST ADVANCED SIMULATION TECHNOLOGY
Ideal for Golf professionals and advanced players

Standard Items:
1. High-speed Light Source Sensor
2. Ceiling Light Source Module (Spin camera sensor is included)
3. XGC (X-GOLF 'Data' Controller)
4. Master Control Switch Box (MCSB)
5. Auto Ball Feeding System
6. X-Golf Operating Console (Fixed)

Optional Items:
7. Impact Position Sensor
8. X-Plate
9. X-Balance
10. Analysis Camera 60FPS (Optional: 120FPS or 300FPS)
11. X-Golf Operating Console (Movable)

X-GOLF NEX Sensors and Functions
1. Spin camera sensor
   High speed camera measures the image to calculate side spin and backspin.

2. Club sensor
   Measures club head's horizontal trajectory & speed
   Four precision sensors surrounding impact zone on the floor, which interpret the club's horizontal trajectory, impact angle at contact point and launch angle.

3. Ball Sensor
   Measures launch angle, speed and direction of the ball.

4. Impact Position Sensor (Optional)
   8-Channel sensor measuring ground impact, indicating fat and thin shots
State-of-the-art camera system delivers accuracy & realism
For golfers of all levels

X-GOLF EYE Sensors and Functions
This sophisticated camera system is easy to install and operates in all environments. It directly measures 3D trajectory and 3D rotation of the golf ball in flight.

1. High Speed Imaging System Includes:
   * Software for recognizing golf ball rotation and trajectory
   * Capacity to measure ball revolutions (direction and speed) allowing for accurate tracking of trajectory via spin data
   * Measures ball speed, ball direction and launch angle;

2. Spin Camera Sensor
   * The high-speed camera captures and decodes a series of images to calculate side spin and back spin.

Standard Items:
1. Camera Sensor module
   (Spin camera sensor is included)
2. Master Control Switch Box (MCSB)
3. Auto Ball Feeding System
4. X-Golf Operating Console (Fixed)

Optional Items:
5. X-PLATE
6. X-BALANCE
7. Analysis Camera 60FPS (Optional: 120FPS or 300FPS)
8. X-Golf Operating Console (Movable)
X-GOLF MINI is a compact and simplified simulator using Laser Sensor technology
The Mini acts as a virtual driving range ideal for practice

Standard Items:
1. High-Speed Light sensor
2. Master Control Switch Box (MCSB)
3. Auto Ball Feeding System
4. X-Golf Operating console (Fixed)

Optional Items:
5. X-Plate
6. X-Balance
7. Analysis Camera 60FPS (Optional: 120FPS or 300FPS)
8. X-Golf Operating console (Movable)

X-GOLF MINI Sensors and Functions
1. Club Sensor
Measures club head's horizontal trajectory & speed
Four precision sensors surrounding impact zone zone on the floor, which interpret the club's horizontal trajectory, impact angle at contact point and launch angle.

2. Ball Sensor
Inclined and floor sensors measures launch angle, speed and direction of a ball
Standard Dimension for X-GOLF Installation

X-GOLF Booth for Right hand only simulator

Installation specification for right hand only simulator

<table>
<thead>
<tr>
<th>Classification</th>
<th>Width (W)</th>
<th>Length (L)</th>
<th>Height (H)</th>
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</thead>
<tbody>
<tr>
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<td>4300mm</td>
<td>8500mm</td>
<td>3100mm</td>
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<tr>
<td>Minimum</td>
<td>4000mm</td>
<td>7500mm</td>
<td>2950mm</td>
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</table>

X-GOLF Booth for Both hand simulator

Installation specification for both hand simulator

<table>
<thead>
<tr>
<th>Classification</th>
<th>Width (W)</th>
<th>Length (L)</th>
<th>Height (H)</th>
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</thead>
<tbody>
<tr>
<td>Standard</td>
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<tr>
<td>Minimum</td>
<td>4900mm</td>
<td>7500mm</td>
<td>2950mm</td>
</tr>
</tbody>
</table>

Side view of booth

Minimum full length of the room is 8500mm
Finish of pre-fitted workstation from 5000mm

Floor plan of booth
**X- Plate**  
The world's first automatic tilting plate that mimics the true course undulations

X-Plate is an impressive feature that makes screen golf more realistic, as it literally adjusts to reflect the ground's slope, in all directions. You can also manually adjust the slope to practice uphill, downhill and side hill lie shots. This creates a remarkably realistic and enjoyable experience for players.

**X- Balance**  
Precise weight transfer and distribution measurement tool

X-Balance enables weight distribution and transfer to be measured. It can be configured to measure left and right weight transfer only, or can be combined with front and rear weight transfer. This can be done through either a 2 channel or 4 channel system. Players can see, in real-time, how their weight is distributed at set-up (when used with X-Birdie) and how weight is transferred throughout their swing.

---

**Composition of X-PLATE**  
1. **Control panel** - Both automatic and manual mode  
2. **Driving gear** - Solid and precision structure  
3. **Display panel** - Shows motor condition, slope angle and encoder value.

---

**2CH BALANCE**

**4CH BALANCE**
Characteristics of X-Ball

1. Luxurious exterior and enhanced durability
   - The rubber tee's free movement minimizes friction and absorbs the shock while hitting.
   - Tee height can be adjusted exactly by 1mm with a controlling step motor instead of regular a DC motor

2. Minimizing installation cost with World's smallest height

3. Smart auto tee-up device and easy instruction
   - Enables ball detection and adjustable tee height depending on player
   - Measure precise launch angle by reflecting ball's starting point and height automatically during the hitting

Dimensions of the woodwork of the X-BALL

Dimensions of the X-BALL
Impact Position Sensor
The first analyzing device in the world for accurate shot.

8-channel impact position sensor measures the impact position of the club and analyzes various shots such as the fat shot and topping and can reproduce the movement of a ball.

Characteristics of the Impact Position Sensor
1) By using 8 durable piezoelectric methods of sensor to accurately measure strike position
2) By analyzing the data from the impact position sensor & down sensor when hitting, it accurately measures entrance trajectory & impact distance.
3) Inbuilt display on the front wall showcases an impact location by 8 levels
4) Integrated sensor and amp board allow for easy maintenance
5) Applying anti-shock technology allows use of AMP module without failure
6) Built-in analog 8-channel and digital 8-channel output functions
X-GOLF GAME

1. Full HD game that’s very realistic!
The full HD projector and window 10’s 64bit program replicate the feeling that players are on the green

2. Enjoy different game modes!
X-GOLF provides different game modes - Stroke, Skins, Par3, Single, 3 Some, 4 Some, 3 Ball, and 4 Ball - and events - nearest pin, longest driver, and putting - to customers to enjoy the game for fun.

3. Enjoy games and lessons at the same time!
Players can get feedback through data, imagery and video on spin and club path, to analyze or proceed for lesson during the game.
Analysis Mode

Players can check their club path and spin image to analyze and correct their posture during the game.
FUN MODE

Various elements for Fun!
FUN MODE offers different games - learning game, point game, and short game - and design consists of unique and cute characters along with variety of colors. Unlike the traditional X-GOLF game, everyone including novices and children can enjoy the game, and their skills will be improved.
X-BIRDIE

X-BIRDIE is a high performance program for professional lesson and club fitting. It gives detailed weight transfer curve, club path and spin image and comparison features by using the analysis camera, and allows players to analyze in detail and throughout lessons.

Overlay feature will be available once 300FPS camera is installed.
WEB Service

X-GOLF Portal Service

What is the X-GOLF Portal Service?
X-GOLF’s online service is an online network service with an online lesson system, a fitting system that ties in with club manufacturers and a store management system, X-Manager, which is optimized for driving range & screen golf venues.

Digital Locker

What is My Caddie?
MyCaddie provides information on average driving distance, fairways hit, average putts-per-round for every games played by players. Also, players can check and see event game result, ranking, swing videos and other information online.
Local tournament & Event

Local Tournament & Events
Every XPGA member can enjoy the game by entering local or store tournaments, and prizes will be given for the winner.

X-Manager

What is X-Manager?
X-Manager is X-GOLF’s exclusive store management program which is optimized for driving range and screen golf venues. X-Manager provides services include customer management, store operation management, and game history management etc.

Reload System

What is Reload System?
Reload system is the linkage system for X-MANAGER and it helps customers to pay for the game, beverage and other services.
What makes X-GOLF so distinctive?

Brandroom

What is Brand Room Service?
A web service that allows different club manufacturers to use X-GOLF's world-class lesson and club fitting features within a store environment, to represent their brand and drive sales.

Brand Room Service Diagram
Distinction 1. 
Accuracy and Reliability

Enjoy Real Golf

Unlike competitor, X-GOLF simulator provides specially designed marked ball and camera for spin measure and this combination gives accurate back spin, side spin, ball's direction, ball's speed and quality of a ball. X-GOLF simulator has been certified its' accuracy and durability by national authority and it is getting lots of compliments from professional golfers worldwide.
Distinction 2. Maintenance and Durability

Just Play!

1. Warranty on simulator lasts 2 years
   In the rare instance that parts manufactured by RDT malfunction, RDT provides after sales service for free (excluding spare parts/consumables)
   In the case that products were purchased by a third party (PC, projectors, and more), RDT provides a one year warranty.

2. The lowest failure rate among golf simulator industry
   - 71 cases/2,412 simulators/1 year (2015.07~2016.06) = 0.25%/month
   - Number of cumulative sales for X-GOLF: 2,412 simulators
   - Number of failure rate for X-GOLF (2015.07~2016.06): 71 cases
   - No customer has required serious assistance due to product failure worldwide for the past 5 years

- ISO Certification
- ETL Certification
- PL Insurance

Spring design for ease of adjustment and anti-vibration camera sensor
Rubber tee rotating 360°
Detailed design for ball dispenser
3. Rapid response and action through online remote support.
X-GOLF has an online service that allows remote and real-time software updates. This ensures optimal and updated performance of the simulator technology.

4. Self-repairing module design
X-GOLF applies various sensors and signal transmissions between devices digitally to prevent noise and enable self-diagnosis. All cables are labeled and directly listed in the user-manual which allows clear and easy self-repairing.

5. Upgrade
1) Software Upgrades:
Free automatic updates for 2+ years (for area where servers are established). Additional golf courses will be charged separately.
2) Hardware Upgrades:
Expense for upgrading to new simulator or version will be charged.

* After requesting after sales service, X-GOLF will providing an initial answer regarding a solution (including remote connection) and fast-track a plan within 48 hours through phone or email.
Distinction 3.
Easy to Use

Simply Enjoyable

1. Various manuals for X-GOLF
RDT offers various users’ manuals to help customers to use simulator easily.

<table>
<thead>
<tr>
<th>Classification</th>
<th>Category</th>
<th>Manual List</th>
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</thead>
<tbody>
<tr>
<td>EYE Install</td>
<td></td>
<td>Booth Installation Manual</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Specification for simulator installation (Camera Setting Manual)</td>
</tr>
<tr>
<td>Manual</td>
<td></td>
<td>Users' Manual (Manual for simulator education)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Manual for simulator inspection (Daily inspection)</td>
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<tr>
<td>NEX Install</td>
<td></td>
<td>Booth Installation Manual</td>
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<td></td>
<td></td>
<td>Specification for simulator installation (Camera Setting Manual)</td>
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<tr>
<td>Manual</td>
<td></td>
<td>Users' Manual (Manual for simulator education)</td>
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<tr>
<td></td>
<td></td>
<td>Manual for simulator inspection (Daily inspection)</td>
</tr>
<tr>
<td>Mini Install</td>
<td></td>
<td>Booth Installation Manual</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Specification for simulator installation</td>
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<td>Manual</td>
<td></td>
<td>Users' Manual (Manual for simulator education)</td>
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<tr>
<td></td>
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<td>A/S Manual for symptom-to-action</td>
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<tr>
<td>X-Fitting</td>
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<td>X-Birdie Users’ Manual</td>
</tr>
<tr>
<td>Optional</td>
<td>Manual</td>
<td>X-Plate Manual</td>
</tr>
</tbody>
</table>

2. Loaded with convenient functions
Tee height control button and ball supply control button are built in.
Buttons for L/R direction change, mulligan, putting preview, and swing analysis window are built in.

3. Easy operation for program
- Simple
- Logical
- Systematical
- Easy to memory
Installation example

Stores
- To create a more enjoyable experience, certain partners have installed X-GOLF simulators at sports bars.

Golf clubs
- X-GOLF Simulators have been installed at golf courses with professional golfers to provide lessons and have fun at the same time.

Residential
- X-GOLF simulators have been installed at luxury mansions in U.S.A., Australia, Middle East and can be used for karaoke, movies and more.

Vessel & construction sites
- X-GOLF simulators have been installed to FLNG, Drillship, PGC and other vessels to benefit ship owners. Also simulators have been installed to overseas installation site to benefit construction companies’ employees.

* X-GOLF Avonhead in Christchurch, New Zealand

* Parkwood Golf club in Australia

* Residential in Texas, United States
Exhibition History

2016
- Mar.: Participated in Beijing PGA Merchandise Show
- Jan.: Participated in Orlando PGA Merchandise show
- Participated in Abu Dhabi Golf Championship (with Etihad Airways)

2015
- Nov.: Participated in Ultimate sport expo
- Sep.: Participated in The Leisure Show 2015
- Jun.: Participated in 2015 Franchise trade show
- May: Participated in 2015 Dubai Travel Expo in Dubai, UAE (with Etihad Airways)
- Feb.: Participated in 2015 NFL Super Bowl in Phoenix
- Jan.: Participated in Orlando PGA Merchandise show

2014
- Nov.: Participated in 2014 BetEasy Masters, Participated in Metropolitan Golf Club
- Oct.: Participated in GITEX 2014 (Gulf Information Technology Exhibition)
- Participated in Korea Golf Fair
- Mar.: Participated in Korea Golf Fair
- Feb.: Participated in Japan Golf Fair
- Jan.: Participated in Orlando PGA Merchandise Show

2013
- Nov.: Participated in Talisker Masters, Participated in TANG XIA Expo
- Oct.: Participated in Kormarine, Participated in CEATEC Japan
- Sep.: Participated in CEDIA Expo
- Jun.: Participated in JFE Mizuno Open
- Mar.: Participated in Las Vegas PGA Show
- Feb.: Participated in Korea Golf Fair, Participated in APSDEX & JIDD
- Jan.: Participated in Orlando PGA Merchandise Show

2012
- Jul.: Participated in CEDIA Expo
- Mar.: Participated in China Golf Show
- Feb.: Participated in Japan Golf Fair
- Jan.: Participated in Orlando PGA Merchandise Show

2011
- Sep.: Participated in CEDIA Expo
- Mar.: Participated in Korea Golf Fair
- Feb.: Participated in Orlando PGA Merchandise Show

2009
- Mar.: Participated in Korea Golf Show

2007
- Feb.: Participated in Orlando PGA Merchandise Show

2003
- Jan.: Participated in Orlando PGA Show