



STEWARTGOLF
DREAM MACHINES



X9 REMOTE

OWNER'S MANUAL & USER GUIDE

IMPORTANT INFORMATION

BLUETOOTH SIGNALS

The Bluetooth module DW-BTM-222 used in this product is a Class 1 device, subclass 22: "Wide Band Data Transmission Systems" according to directive 2000/299/EC, 6.4.2000, complies to directives:

R&TTE 1999/5/EC
EMC 89/336/EC
Low Voltage 73/23/EEC

It has been tested & complies to:

EN 300 328: Version 1.7.1 Radio compliance
EN 301 489-1 V1.8.1 (04/2008) EMC
EN 301 489-17 V2.1.1 (05/2009) EMC
EN 60950-1:2006 Electrical safety

For full certificates and declaration of conformity please visit stewartgolf.com/technical.



IMPORTANT INFORMATION

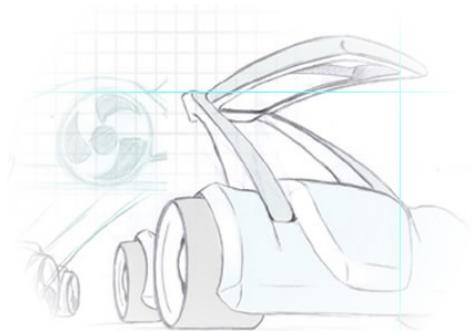
This machine is designed solely for the transportation of golf equipment on a golf course (as pictured). Warnings and important safety instructions appearing in this manual are not meant to cover all possible conditions and situations that may occur. Common sense, caution and care must be exercised when operating or cleaning this equipment.

Always contact Stewart Golf or your local distributor/dealer about problems or conditions that you do not understand.

DESIGN PROTECTION

The design of the Stewart Golf X9 Remote (formerly X1, X3, X5 & X7) is protected as European Community Design Registration 169589 and US Patent D522,706.

For a full register of Stewart Golf intellectual property please visit stewartgolf.com/ip



WARNING SYMBOL

This WARNING symbol will be used from time to time in this manual. It indicates a potentially hazardous situation which, if not avoided, could result in serious injury or death.

WARNING

WELCOME

Congratulations on becoming the owner of a Stewart Golf X9 Remote.

Wasting your energy pushing, pulling or carrying your clubs stops here. Now your X9 Remote will take the strain for you, allowing you to focus on your next shot.

The X9 Remote is the latest version of our remote control technology, driven by the latest in Bluetooth technology for the most reliable and accurate signal transmission in the business. We hope you enjoy using your new machine, and that it takes your game to the next level. Please read this guide in full to ensure you get the most from it.



WELCOME TO THE CLUB

BEFORE YOU GET TOO EXCITED

Your X9 Remote has a number of features that you should familiarise yourself with. Please try to avoid the temptation of going straight out on the course with your X9 Remote, and read this manual first. It contains both important safety information and also tips on how to get the best from the machine.

The first thing that you should do is put both the main battery, and the rechargeable handset on charge. Both are supplied only partially charged, so will need to complete a full charge prior to use. Please refer to instructions in this manual.

The first time you use your X9 Remote, practice in an area of open grass and with a full cart bag (as you would use on the golf course). The speeds and steering characteristics of the X9 Remote will change on different surfaces. Factors such as the weight of your golf bag, terrain type and battery condition can all vary the performance of the X9 Remote.

Last but not least, please complete the information below. The serial number is located on the chassis, just next to the black electronics box. Should you ever need to contact us, it is very helpful if you can provide all these details.

OWNER'S NAME:

SERIAL NUMBER:

DELIVERY DATE:

PLACE OF PURCHASE:

Register your
warranty online at:
stewartgolf.com/warranty

THE BASIC ANATOMY OF YOUR X9 REMOTE

The X9 Remote is made from a unique construction of bonded composites and injection mouldings, probably very different from any other trolley you may have owned in the past. Here you can familiarise yourself with its basic features and parts.



1. Handle
2. Main Support
3. Front Cover
4. Bottom Bungee
5. Lifting Handle
6. Front Cover S Clips
7. Rear Wheels
8. Top Bungee
9. Bluetooth Light
10. On/Off Switch
11. Handle Release Clip
12. Handset & Cradle
13. Bottom Clips
14. Rear Cover
15. Rear Stabiliser

This contains the scorecard holder, golf ball holder and tee holder.

This also incorporates the top bag support.

Under here you can find the battery and main electronics system.

Use the handle to pull the bottom bungee over the base of your bag.

Located centrally between the wheels at the front of the chassis.

Remove the front cover by gently pulling outwards from the chassis.

The quick release mechanism is in the centre of the wheel.

Designed to tightly grip your golf bag and stop it rotating.

The Bluetooth light indicates if the handset is paired with the trolley.

Use this to disable the X9 Remote if you ever leave it unattended.

Lift this to release the handle.

Clip the handset on to either side of the handle using the supplied cradle.

Press both of these to fold the main support.

This part conceals the motors and stabiliser - **do not lift from here.**

The X9 Remote chassis has a built in rear stabiliser that doubles as the rear lifting point.

X9 REMOTE ELECTRONICS SYSTEM



The X9 Remote is controlled by an all new system, different from any previous X Series machine. Now using Bluetooth connectivity, a constant two way connection ensures that signals are sent and received more reliably than ever before.

The blue indicator light has 3 states:

LIGHT OFF - No battery power. If the on/off switch is on (I), this indicates that the battery is either not connected or it requires a charge.

LIGHT FLASHING - This indicates that there is power to the machine, but the handset Bluetooth connection has not been established.

LIGHT ON - When the light is constantly illuminated, there is battery power and the bluetooth signal has been established. (The X9 Remote can take up to 4 seconds to make the Bluetooth connection).

IMPORTANT INFORMATION

The electronics enclosure contains no user serviceable parts. The lid of the enclosure is sealed to reduce risk of moisture ingress. Breaking this seal increases the risk of moisture entering the case and reduces the reliability of your X9 Remote

No attempt should be made to open the enclosure. Doing so will invalidate the warranty.

WARNING

YOUR X9 REMOTE HANDSET

Your X9 Remote is supplied with a rechargeable Bluetooth handset. The handset is supplied paired to your X9 Remote and cannot be used with any other trolley.

1. Forward / speed up
2. Indicator light
3. Left & right turn
4. Emergency STOP
5. Glide stop - use as primary stopping function
6. Reverse / slow down
7. Cruise control speeds
8. Bluetooth on/off

In normal use, the indicator light will be blue:

LIGHT OFF: No battery power or handset is switched off.

LIGHT FLASHING: Handset is on, but not connected to the machine.

LIGHT ON: Handset is on and connection to the machine has been established.

CHARGING GUIDE

1. Remove the silicone handset skin and the black charging plug.
2. Connect the charger to the mains supply, then the charger to the handset, then switch on the power supply.
3. The indicator light will show **RED** while charging, and **GREEN** when fully charged.
4. Once it is **GREEN**, disconnect the handset from the charger, and the charger from the wall.

The lithium battery inside the handset is large enough for 2 rounds of golf, but **you should charge it after every round** to ensure sufficient power. The charging process can take up to 6 hours.



IMPORTANT INFORMATION

The handset contains no user serviceable parts and should not be opened under any circumstances. Doing so could damage delicate components and will invalidate your warranty. When your battery no longer completes 18 holes please contact us for advice. The handset will automatically turn off if it has been inactive for 15 minutes.

Ensure you practice in an open area away from other people or objects. This will allow you to familiarise yourself with the remote functions without risk of damage or injury.

Be aware of your surroundings. Ensure that you know the whereabouts of other players, carts, trees, lakes, streams, bunkers or other objects.

WARNING

BATTERY CARE

Before you use your battery for the first time, it is imperative that it is charged fully. Failure to do this could cause irreparable damage and result in a reduced capacity.

CHARGING PROCEDURE

1. Plug the charger into your mains supply.
2. Connect the battery to the charger matching the blue and black connections.

The LED on the charger will change colour depending on the phase of the charge.

GREEN: Charger connected to mains supply - battery not connected.

RED: Battery connected and charging.

GREEN: Battery fully charged and ready to be disconnected.

The LED must show **GREEN, RED, GREEN** for a charge cycle to have taken place

3. The charging process will take up to 6 hours.
4. Once the charge is complete, disconnect the charger from the mains power supply & the battery.

BATTERY CHARGING TIPS

Do:

- Only use the charger supplied to charge the battery.
- Follow these instructions exactly.
- Charge the battery immediately after each use, certainly within 48 hours.
- Charge in a well ventilated area & on a carpeted surface.
- Store & charge the battery in a dry environment between 0 and 35 degrees C.

Don't:

- Drop or throw the battery & charger.
- Immerse in water or any liquid.
- Clean with any abrasives or solvents - a damp cloth is fine.
- Leave the battery in a discharged state for longer than 48 hours.
- Open or disassemble the charger. This is dangerous and will void the warranty.
- Cover during use.
- Use if the cables are frayed or damaged.
- Expose the battery to extreme temperatures (do not store in a car in winter or summer).
- Solder anything directly to the terminals.

Can I leave the battery connected to the charger?

If the battery is used regularly (once a week for example), it is OK to leave the battery and charger connected. The Battery Management System (BMS) within the battery will prevent any damage.

Long term storage:

If you plan to leave the battery for long periods, i.e. over the winter, the battery should be fully charged after its last game, disconnected from the charger and stored as above. Once a month you should put the battery through a full charge cycle (GREEN, RED, GREEN). Before using it again the battery should be charged fully.



SETTING UP & PUTTING AWAY

SETTING UP

1. When removing the X9 Remote from the car, only lift from the two lifting points. These are the stabiliser and under the front of the chassis (parts 5 and 15). **Lifting from other parts of the trolley cover could cause unintended damage that will not be covered under warranty.**
2. To unfold the trolley, grip the handle and pull it towards you. The top & bottom clips will snap into place automatically.
3. To remove the front cover, hold the two 'S' clips (part 6), apply slight outward pressure and lift.
4. Insert the battery into the tray and secure with the strap. Connect the battery to the electronics box.
5. Replace the front cover by aligning the two lugs at the rear of the cover with the corresponding gaps in the rear cover and pivot in to place. Ensure the front of the cover is behind the small bump near the lower bag stay, apply downward pressure to the 'S' clips until the cover is secured.
6. With the lower bungee out of the way and the top bungee connected only on one side, place your golf bag on the lower bag stay and rest it against the main support.
7. Using the handle in the middle of the bottom bungee, pull the cord over the base of the golf bag. Pull the loose side of the top bungee around the bag and attach it to the other side.
8. Turn the on/off switch to 'ON' (I) and wait for the blue light to flash. Press the bluetooth on/off button on the handset to switch the handset on. When both blue lights are constantly illuminated, the bluetooth connection is established and you're ready to play.



PUTTING AWAY

1. Remove one side of the top bungee and lift your bag up & away from the machine. The bottom bungee will release automatically.
2. Remove the front cover, disconnect and remove the battery and replace the front cover.
3. Release both bottom clips simultaneously by pressing the clips with your thumbs. Slowly lower the main support until the top bag support comes to rest on the chassis.
4. Whilst supporting the handle, release the top clip and lower the handle until it comes to rest on the rear cover. Do not 'drop' the handle or main support.
5. Lift the X9 Remote in to your car using the lifting points specified.

IMPORTANT INFORMATION

You should **always disconnect** the battery before transporting or storing the trolley. This will ensure that the trolley is not accidentally switched on in transit, and will also ensure you do not damage the battery.

WARNING

OPTIONAL TRAVEL BAG

There is an optional travel bag available for the X9 Remote. This can make it easier to lift the trolley and also helps keep your car clean.

To use, open the bag and place the X9 Remote on to the flat part of the bag, then collapse the main support and handle. Pull the top of the bag over the X9 Remote. The Stewart Golf logo should be on top, now zip the bag fully closed and use the handles to lift in to your car.



IMPORTANT INFORMATION

Never use any form of hose pipe or pressure washer to clean your X9 Remote. Due to the high position of the electronics box, water cannot enter in normal use therefore faults caused by water ingress will not be covered by your product warranty.

Clean your X9 Remote using a soft cloth and standard furniture polish. You can also use a compressed air line to clear grass, leaves and dust etc.

WARNING

TECHNICAL INFORMATION

Bluetooth: The X9 Remote uses a Class 1 Bluetooth Module. Please visit www.stewartgolf.com/X9Remote for full details and declaration of conformity.

Remote Range: The remote has a nominal 50m range, however it is not recommended that you allow the machine more than 25m away from you. Further than this and you may encounter unanticipated obstacles.

To view the Bluetooth CE Declaration and Qualified Product Notice, please visit stewartgolf.com/Technical

MODES OF OPERATION

Your X9 Remote has two modes of operation. The remote control function is designed for use on the golf course but may not be ideal for use on paths or in car parks. It is your responsibility to choose the correct mode of operation for each situation to ensure safe operation.

MANUAL STEERING OPERATION

Good for: Car parks, bridges, paths.

Before you do anything, make sure you know where the emergency stop button is; press this button to bring the machine to an immediate stop. Once you are comfortable with the handset, in normal use you should use the glide stop button, this will cut power to the motors and bring the machine to a gentle stop.

When in a car park, crossing a road or negotiating a tight path, you should steer the machine manually by the handle. You can control the speed of the machine with the handset clipped to the handle using the cradle provided, or just hold it in your other hand. The cradle can be attached to either side of the handle.

Advice for use:

When in tight areas such as car parks you should physically keep control of the X9 Remote by steering from the handle. Set either speed 1 or 2 to a slow walking speed and clip the handset to the handle.



REMOTE CONTROL OPERATION

Good for: Around the greens, when you are in the rough.

Not for: Car parks, bridges, paths.

To start your machine moving forwards, press the forward button. Once the machine is in motion, continually pressing the speed up or slow down buttons will either speed up or slow down the machine respectively. You can also use the cruise control buttons to start the machine, please see page 12 for details on this feature.

To steer the machine, press and release either the left or right buttons. When in motion this will change the direction slightly and continue moving. A prolonged press will tighten the turn. If you press either button with the unit stationary, the machine will turn on the spot.

Advice for use:

- Hold the handset in your hand, and position the X9 Remote approximately 10m in front of you and on the line of your ball. Make small adjustments to direction and speed as you see fit. Do not place the handset in your pocket.
- When you get to your ball, park the machine to the right of your ball (or to the left if you are left handed). Place the handset on the cradle when taking a shot.
- If you are going to walk any distance away from the machine, keep your handset with you so you can drive it to your next position rather than walking back.

BAG WEIGHT

- For the best performance from the X9 Remote use a Cart or Tour bag filled to a maximum weight of 15kg. Using a 'top heavy' stand bag reduces the load on the front wheels, which means the steering may react faster than intended.



IMPORTANT INFORMATION

WARNING

When using your X9 Remote, it is vital that you remain in full control at all times. Never allow the X9 Remote to run out of your sight, and never aim the X9 Remote at other people or objects. Be aware of your surroundings. Ensure you know the whereabouts of people, cars, trees, lakes, streams, bunkers or other objects. Always exercise common sense and caution when using the X9 Remote.

OTHER X9 REMOTE FEATURES

QUICK RELEASE REAR WHEELS

To remove a wheel, tilt the machine (holding the main support) so that one wheel is off the floor. Hold the centre of the wheel and press the black button with your thumb. Now pull the wheel away from the trolley.

FREEWHEEL

The X9 Remote has a built in freewheel setting which allows you to complete your round even in the unlikely event of a fault. To engage this mode:

1. Tilt the machine so that one wheel is off the floor (hold the main support).
2. Press down on the black button in the wheel centre and slide the wheel 25mm (1") away from the motor, but still on the axle.
3. Rotate the wheel 45 degrees, and push it towards the motor until it stops, engaging the wheel on the outer ring of the axle.
4. Release the black button and the wheel should now be locked on to the shaft, but not engaged onto the drive dog.



CRUISE CONTROL SPEEDS

Your X9 Remote has 3 preset cruise control speeds, on buttons 1, 2 & 3. Use these when you are using the remote control mode. You can program these for your own walking speeds as follows:

1. Use the speed up & slow down buttons to find your desired walking speed.
2. Press and hold either button 1, 2 or 3 for 3 seconds. The machine will stop to show that the instruction has been received, you should now release the button and the machine will restart. Your new speed is now stored.

TRIM ADJUSTMENT

As the motors wear, your machine may develop a bias. If this happens, you can adjust the right/left trim as follows:

1. Ensure that your machine is on a flat surface and that your golf bag is balanced (no heavy items in side pockets).
2. Hold down the lower left two buttons (1 and 3) for three (3) seconds. The machine will start moving forwards.
3. Use the left & right buttons to fine tune the direction until the machine is travelling in a straight line. Alternatively press the forward button to restore the factory setting.
4. Press STOP to store the new setting.



Q: Is the X9 Remote OK in the rain?

A: The X9 Remote is designed for use in all conditions appropriate for golf. Because the design of the X9 Remote protects the major components from rain, water ingress can not occur during normal use. You should avoid any situation where moisture or water could reach the electronics or motors. Some examples of this are:

- Driving through puddles or standing water.
- Using a pressure washer or hose pipe.
- Submerging the machine in a river or lake.

Faults caused by water ingress will not be covered under the warranty.

Q: How do I get the X9 Remote up a step or kerb?

A: Firstly exert downward pressure on the handle to lift the front wheels onto the higher level. If the natural traction of the rear wheels do not carry the rear of the machine onto the higher level, lift from the centre of the main support.

DO NOT lift from the handle, this can cause fatigue or even component failure.

Q: How many holes will the battery last for?

A: The main lithium battery is sized to complete at least 18 holes under normal conditions. A hole of golf can be anywhere between 100 and 700 yards long, so is not a reliable unit of measurement. Terrain, ground condition, bag weight and a number of other factors can make a difference. How you play will also affect power consumption; you'll cover less ground less shooting 70 than you will shooting 120.

Q: Can I make the battery last longer?

A: Yes there are a number of things you can do:

- Don't overload your golf bag.
- Use the steering functions sparingly. Steering is a big source of power consumption.
- Accelerate slowly, in the same way you would in a car if you were trying to be efficient.

Ultimately, if you play more than 18 holes at a time we recommend that you purchase an additional battery.

Q: Can I use the X9 Remote without the handset?

A: No. The X9 Remote can only be operated via the handset (unless the wheels are in freewheel).

Q: Can the X9 Remote cope on hills?

A: The X Series chassis has been designed with stability in mind. The machine may tip onto the integrated stabiliser, if this happens and the rear wheels lose traction then you may need to help it by pushing forwards on the handle. Bag weight and distribution of weight will make a big difference here, a light bag will not put enough weight on the front wheels and therefore it may tip easily. You will find out which hills work with your particular set up through experience.



WARRANTY

Your Stewart Golf X9 Remote is guaranteed to be free from defects in materials or workmanship for a standard period of two (2) years from delivery.

If you think there may be a problem with your X9 Remote, the first thing to check is the troubleshooting guide on page 15 of this manual. If this does not solve your issue, please contact us for further advice.

Conditions of warranty:

If notice is received of any breach of this warranty during the relevant period, then we shall at our own expense and within reasonable time, repair, or at our option, replace the goods or such parts as are defective or otherwise remedy such defect. If your address is in the UK and you agree to use a carrier nominated by us, we shall bear the associated carriage costs.

If you are outside the UK, please contact your place of purchase or your local distributor or dealer. If your address is outside the UK but you do not have a local distributor, we may still be able to arrange collection but you shall bear the associated costs.

Stewart Golf will authorise the repair, or at our option, replacement of any part found to be defective due to faulty workmanship or materials. We reserve the right to inspect these parts. We will not bear any costs incurred (including carriage) due to an item being returned with a suspected fault, and after inspection no fault can be found, or it is found that the customer has not fully understood all of the functions of the X9 Remote or the part in question.

Exclusions to the warranty include, but are not limited to: damage during shipment if not packed in a Stewart Golf designated box or according to Stewart Golf instructions; wear & tear; results of neglect, misuse or accidents; damage howsoever caused; or utilisation for any purpose other than carrying a golf bag on a golf course. X9 Remote units, which have been fitted with non-genuine Stewart Golf parts, or have been modified from the manufacturers specifications, are excluded. Stewart Golf products used for commercial or rental purposes are excluded. The warranty is not transferable to a third party.

The battery is covered by a two (2) year warranty against faulty workmanship and materials. Loss of battery performance owing to external damage (howsoever caused), misuse and/or abuse, incorrect charging or other failures not attributable to a manufacturing defect are specifically excluded from this warranty. The battery must be charged only with the charger recommended by Stewart Golf, and the instructions must be followed exactly.

**Register your
warranty online at:
stewartgolf.com/warranty**



TROUBLESHOOTING GUIDE

PROBLEM	POSSIBLE CAUSE	WHAT TO TRY
I can hear the motors working but the trolley is not moving	Rear wheels may be in freewheel mode	Use the quick release mechanism to engage the wheels in to the 'drive' position
I find it difficult to push my X9 Remote	Freewheel mode is not engaged	Use the quick release mechanism to set the rear wheels into the 'freewheel' position
The X9 Remote is not responding when I press a handset button	<ol style="list-style-type: none"> 1. Main battery not connected. 2. on/off is off 3. Handset battery is flat 4. Main battery is flat 5. Out of range 	<ol style="list-style-type: none"> 1. Connect main battery to the black electronics box 2. Turn the on/off switch on (I) 3. Charge the handset battery 4. Charge the main battery 5. Move closer to the machine <p>If your range is consistently under 25m please contact us</p>
The X9 Remote moves in circles when pressing the forward button	One wheel in freewheel, one in drive	Ensure both wheels are in the 'drive' position
The X9 Remote does not travel in a straight line	Motors have become imbalanced	the instructions on 'trim adjustment' on P12
The range of the remote has dropped Left & Right commands are not working consistently	Handset battery is losing power	Recharge the battery inside the handset
One of the motors has totally stopped working.	Power lead has become disconnected from the motor	Reconnect power lead to the motor



STEWARTGOLF

DREAM MACHINES

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