

Remote Golf Caddy X1-R Pro User Manual





2. Packing List

- 1 x Caddy Frame
- 2 x Rear Wheels
- 1 x Battery Pack (Battery, Bag, Leads)
- 1 x Charger
- 1 x Remote Control incl. Batteries
- 1 x Tool kit
- 1 x Scorecard Holder
- 1 x Umbrella Holder
- 1 x Carrying Bag

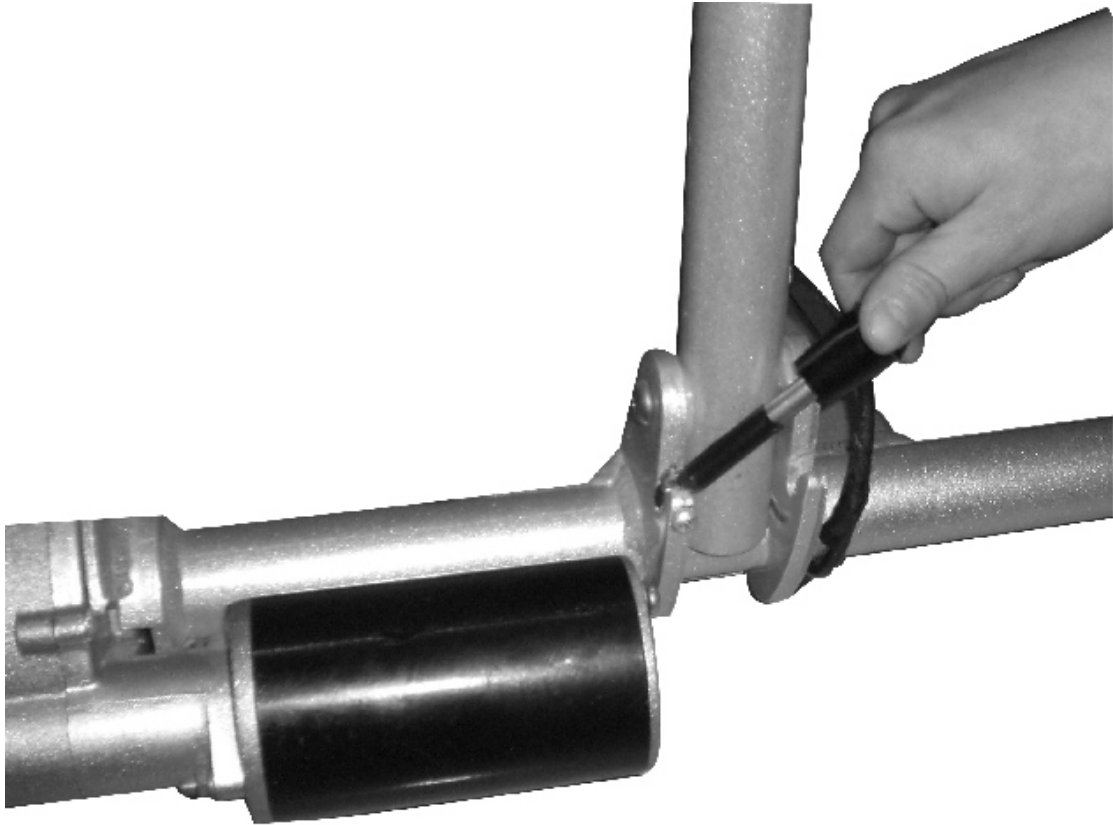
1. Assembly Instructions

Please read and follow these instructions carefully, and you will be ready to go in a few minutes

1. Fit the rear wheel by releasing the quick catch on the outside of the wheel while inserting the wheel onto the axle. Push the wheel all the way in so that the two pins on the axle fit into the wheel to engage the clutch and release the quick catch. The wheel should be fully secured. Make sure that the right wheel is attached to the right side and the left wheel to the left. Reverse the action to remove the wheel.



2 Put the below Pin in to the groove ,and make tight with the pin



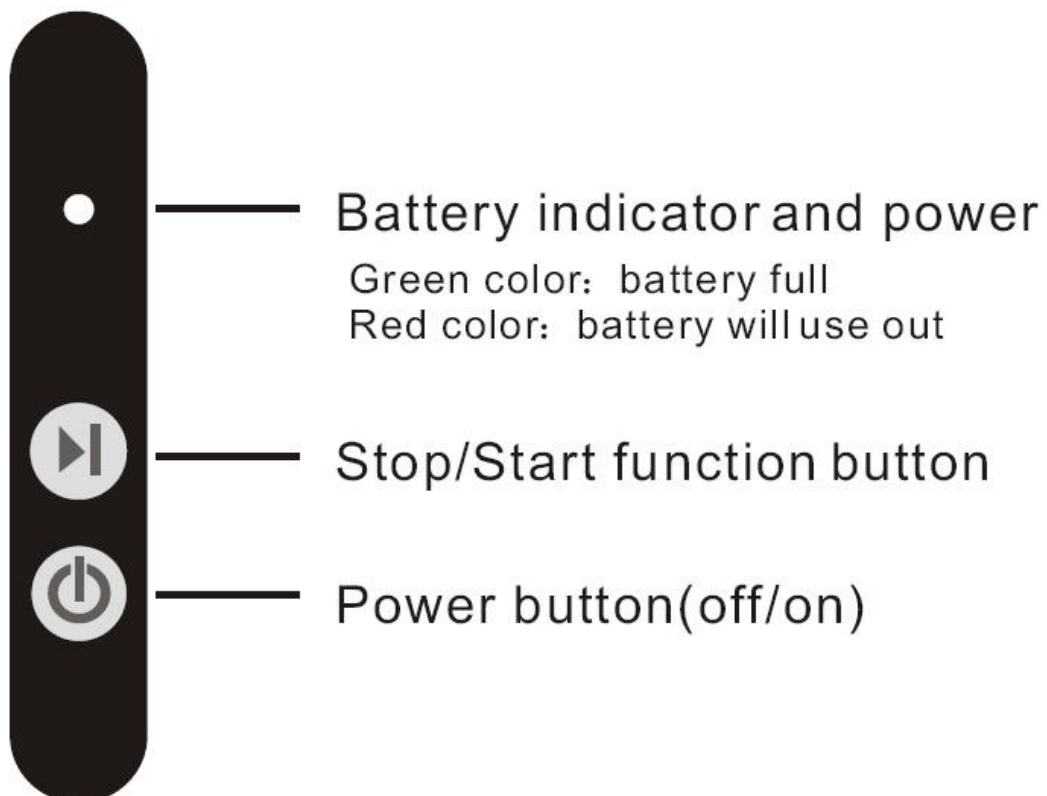
3.Tighten the upper pellet



4. The battery cable is fitted to connect to either the trolley or to the battery charger. Place the battery in the battery tray and secure the battery using the Velcro strap. Insert the battery connector into the plug on the caddy and secure with the connector nut. Make sure the caddy's power switch on the handle is in Off position and the speed dial pulled back.



2. Handle Control Functions



1. Scrolling of the speed button lets you choose your preferred speed to suit your pace perfectly
2. ON/OFF power button need press 2 seconds when OFF /On .
3. The Digital Cruise Control: Select the ideal speed to match your pace. In order to stop press the red cruise control button on the top of the handle. The cart will remember its last speed setting when you stop. Once you are ready to go press the button again, and the caddy will automatically travel at the same speed, except if you change the speed knob position.
4. The caddy is equipped with a "Soft start" ability which ensures smooth acceleration up to selected speed with a press of the stop/start(power brake)button on the handlebar control panel.
5. A battery indicator with green or red color LEDs on the handle shows the battery charge at any time.

Stop/Start function button

Power button(off/on)

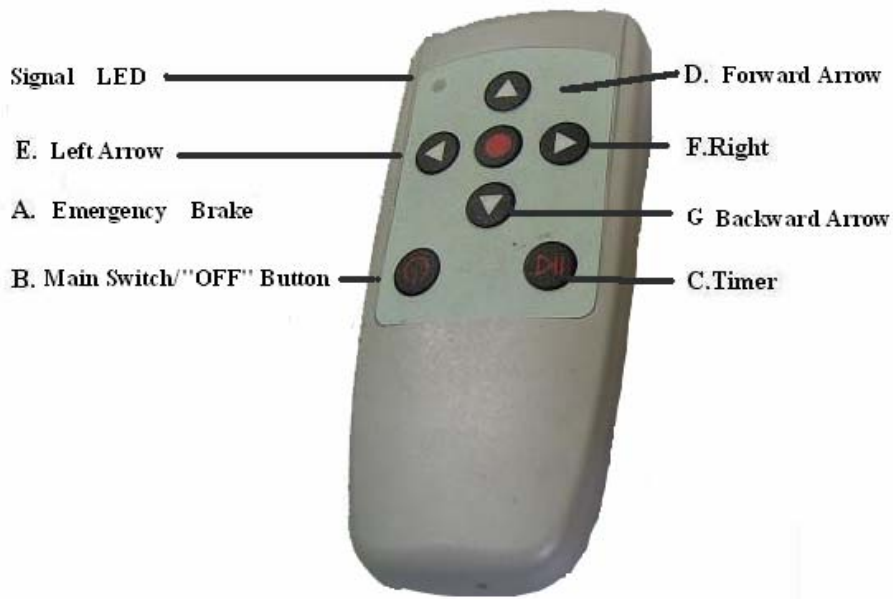
Battery indicator and power

Green color battery full

Red color battery will use out

3.Remote Control

- **Brake :** The red button in the middle of the directional arrows should be used for braking the caddy.
- **Main Switch/"OFF" Button:** Switches the remote control off. Do not use for regular braking.
- **Timer:** 10, 20, 30, 40 yards, Stop (same as manual control timer function)
- **Forward Arrow:** Pushing the forward arrow will set the caddy in forward motion. Pushing multiple times will increase the speed.
- **Left Arrow:** initiates left turns. When the arrows are released the caddy stops turning and continues straight with the original speed prior to turning.
- **Right Arrow:** same as left arrow function
- **Backward Arrow:** Pressing the back arrow will set the caddy in backward motion. Increase speed by pushing multiple times.



3.2.2. Important Notes – PLEASE READ CAREFULLY

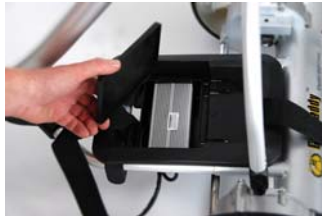
- Change the remote control batteries once the indicator LED gets weak
- The remote control uses two 1.5V AAA batteries available in any supermarket, drug store or electronics store
- It is recommended to keep a set of extra batteries ready as replacement
- To change the batteries open up the battery compartment cover and place the batteries according to the diagram in the battery compartment
- The remote control system is designed, so it does not interfere with other electric caddies.
- The maximum range of the remote control varies between 80-120 yards, depending on the battery charge, obstacles, atmospheric conditions, power lines and the topography of the course.
- **It is strongly recommended to operate the caddy at a maximum range not exceeding 50 yards in order to prevent the loss of control of the unit!**



1. Additional Functions:

- a. **Freewheeling Mode:** the caddy can be operated without power. In order to activate the freewheeling mode turn main power switch into “Off” (0) position. The caddy now can be pushed manually without resistance.

- b. **Controller/Remote Frequency Adjustment:** there is a green tuning button on one end of the controller box located in the waterproof battery tray, accessible through a latch in the battery tray. This button is used to align the caddy frequency with an out-of-tune or replacement remote control. Once you receive a replacement turn the caddy on and press and hold any directional button on the remote control until the indicator light flashes, then press the green button on the controller box and hold for 6-10 seconds. Your caddy should now be “tuned” to the remote control.



- c. **Tracking Adjustment:** You can adjust the tracking of your caddy by loosening the axle and the adjustment bar on the right side of the front wheel and shifting the axle accordingly.



Note: Familiarize yourself with the handle and remote control functions **BEFORE** you start operating the caddy. **NOW: Please read and follow the OPERATING INSTRUCTIONS BEFORE you operate the caddy.**

4. Operating Instructions

PLEASE OBEY THESE PRECAUTIONS FOR BATTERY USE & CHARGING

- a) Please do not charge the battery in a sealed container or in upside down position. It is recommended to charge the battery in a well ventilated area.
- b) Please do not charge the battery near a heater, or where heat accumulation may occur or in direct sunshine.
- c) In order to prolong the service life of the battery, please avoid complete discharge and charge the battery after every use. When the trolley is not in use for an extended period of time, it is recommended to charge the battery once a month.
- d) The battery's poles red color stands for positive, and the black for negative. In case of battery replacement please reconnect the poles of the battery correctly. Otherwise your caddy could suffer severe damage.
- e) Please do not disassemble the battery or throw it into a fire. **EXPLOSION!!!**
- f) **NEVER TOUCH THE ELECTRIC POLES OF THE BATTERY!! SAFETY HAZARD!!**

1. Battery Charging & Maintenance

Connect the battery cable plug with the charger and then plug the charger into an electrical outlet. During the charging cycle the LED on the charger will show a blinking green light (some models also have a red steady light during charging). Once the charging cycle is complete the blinking green light or the red light will turn into a steady green light. It is now okay to unplug the charger and battery for reuse. The charging cycle can last up to 10 hours depending on the level of discharge.

Normally the battery will hold its charge for several months, and it does not have a “memory effect” and therefore can be recharged at any discharge level. It is not recommended to fully discharge the batteries, as this will shorten battery life. The battery has a normal lifespan of 200-300 charges, depending on charging frequency, storage conditions and discharge history. Before storing a battery for extended periods of time you must fully charge it. **DO NOT** store an empty battery or else it might become unusable. Replacement batteries are available from your authorized Bat-Caddy dealer or directly from Bat-Caddy.

RECOMMENDATIONS FOR BATTERY CHARGING & MAINTENANCE

- a. Fully charge the battery for ca. 12 hours before the first use
- b. Do not leave the battery on the charger if it is not used for extended periods of time.
- c. The battery will take approximately 2-3 rounds and charging cycles before it reaches its full operating potential. During the first couple of rounds it might still be below its optimal power.
- d. Always keep your battery fully charged before another game
- e. Never keep your battery connected to the grid during prolonged power outages. It might be irreversibly damaged
- f. Do not fully discharge the battery by “overplaying” it. It is recommended to recharge the battery after every 18 holes.

2. Test Caddy

a. Test Environment

First, make sure that you perform your first test of the caddy in a wide and safe area, free of obstructions or valuables, such as people, parked automobiles, flowing traffic, furniture or water bodies (rivers, swimming pools etc.), steep hills, cliffs or similar hazards.

b. Manual Control Operation

Test the manual function first: Turn the main switch to “On” (I) position. The manual functions of the caddy are controlled through the rheostat control wheel on the right side of the handle. Pushing the wheel forward (clockwise) will control the forward movement of the caddy. **In order to slow down or stop the caddy, turn the wheel backwards (counterclockwise).**

c. Remote Control Operation

Make sure you are close to the caddy at all times while testing it and familiarizing yourself with the remote control!!! Now turn on the main power switch (“I”), and make sure that the rheostat control wheel is in “0” position. One touch of the Forward/Backward arrows on the remote control starts the caddy in either direction. Further pushes increase the speed. **In order to stop the caddy press round red STOP button in the middle of the remote!!** To turn the caddy in either direction push the left or right arrows briefly. Once you release the button the caddy will continue in the current direction at the same speed prior to the turning command. You will notice that the caddy reacts promptly to any turning command, so it will take you some practice to get just the right touch for turning maneuvers. Please be aware that the turning characteristics will change depending on the surface (grass, asphalt), the slope or the weight (loaded, unloaded) of your caddy.

The remote is designed to have a reach of approximately 80-120 yards, but we **strongly recommend** to operate the caddy in closer ranges of 10-30 yards (not exceeding 50 yards) to be able to react to any unforeseen events, such as other golfers crossing your path or to avoid hidden obstructions (creeks, bunkers, GUR, etc.) or an unexpected disconnection in remote operation. An additional safety feature of this caddy is that it will stop moving if it does not receive a signal from the remote control at least every 25-30 seconds. This way, should you ever be distracted, your caddy does not get away. By pressing the lower right button on the remote the caddy can be moved forward automatically by 10, 20, 30, or 40 yards.

3. Recommendations for Efficient and Safe Operation

1. Be alert and act responsibly at all times while operating your caddy, just as you would when operating a riding cart, motor vehicle or any other type of machinery. We absolutely do not recommend the consumption of alcohol or any other impairing substances while operating our caddies.
2. Do not operate the caddy with the remote control in narrow or dangerous spaces, places with valuables or any people gathering areas, such as parking lots, close to flowing traffic, bag drop-off areas, stores, driving ranges, putting greens and practice areas, pro shops, restaurants, starter areas and other areas where people or items could be harmed through an error or lack of skill in operation. In such situations the caddy should be best operated with its manual controls or without power. **Also, please make sure to always switch off the power (“0”) and secure the caddy when you park and leave the unit for any reason, either on or off course.**
3. With its optimized balance and straight front wheel the caddy has extraordinarily narrow and responsive turning and maneuvering abilities. However, it sometimes tends to react to severe uneven weight distribution of its load or steep slope variations and follows the slope of the golf course. Therefore, please make sure the weight in your bag is distributed evenly (move heavy balls and items to both sides, or shift the bag on the caddy). Also, when operating your caddy by remote control anticipate the slope of the course in order to avoid frequent corrections in directions. In some extreme environments, such as very uneven terrain, steep hills, narrow and/or sloped cart paths, muddy areas, gravel paths, close to bunkers and hazard, around bushes and trees it is recommended to operate the caddy via manual control in order to prevent any collisions, damage or the need for complicated correction adjustment maneuvers.

5. General Maintenance

The steps below will ensure that you get a prolonged and reliable life out of your Bat-Caddy.

- 1) The Caddy has been designed so that the user can concentrate on playing golf, while the caddy does the work of carrying your bag. In order to keep your Bat-Caddy looking at its best, we advise that you wipe any mud or grass from the frame, wheels and chassis after every round with a damp cloth or paper towel.
- 2) Do **NOT** use hoses or any high-pressure jet washers to prevent moisture entering the electronic systems, motors or gear boxes of the caddy.
- 3) Remove the rear wheels every few weeks and remove any debris that might cause the wheels to drag. You might also apply some lubricant, such WD-40 to keep moving parts smooth and corrosion free.
- 4) A four - five hour round of golf played once a week for 12 months is equivalent to ca. four years use of a lawnmower, so please inspect your cart at least once a year thoroughly, and if you notice any symptoms of wear, contact your Bat-Caddy Service Center. Alternatively, you can have your caddy inspected and tuned by our Service Center, so it's always in great shape for the new season.
- 5) Always disconnect the battery when you store the caddy, and always put your caddy together before re-connecting the battery. If you are not planning to play for at least a month, store the battery in a warm and dry place (not on concrete floor).

All of these recommendations will help keep your Bat-Caddy in top condition and ensure that it remains your reliable partner, both on and off the links.

Electronic Systems

- **Remote Control Range:** We recommend not to exceed 50 yards distance. The greater the distance between you and caddy, the greater the chance of losing contact with it
- **Microcomputer:** The remote caddy has 3 microcomputer controls: The first is in main controller box. The second is in the remote control transmitter handset, and the third is in the receiver in the handle.
- **Safety Protection:** When the temperature of the controller box reaches its upper limit in case of an overload it will automatically shut down to cool off.
- **Microprocessor Controlled Electronics System:** When you connect the battery, the electronics system will automatically run through a start-up routine. Then you can press the main OFF/ON switch on the handle. The battery charge indicator lights will show you the charge level of the battery from green (fully charged) to red (discharged).
- **Important:** The electronics controller box contains no user serviceable parts. Therefore, it is sealed to reduce the risk of moisture entering and impacting the electronic system. Breaking this seal increases the risk of damaging the electronics and decreasing the reliability of your caddy. **DO NOT** attempt to open the controller case. **Doing so will void the warranty!**
- **Battery Operation and Care:** Follow battery charge and maintenance instructions. The battery comes with leads and connector and a 35 Ampere fuse.

Frequently Asked Questions (FAQ)

Question: I lost my remote control handset. What shall I do?

Reply : You can purchase a new remote handset from your caddy dealer or manufacturer. After you receive your new remote control, please connect the battery to the trolley. Turn the main switch to ON position and press and hold the Stop button on the remote control handset. Don't release the button, so the LED of the handset is on all time. Now press the green sensor button on the front of the controller box located under the battery tray of the caddy. Don't release the button for about 6-10 seconds. (**Principle:** Press the handset button first, and then press the sensor button together.) Your new remote control should now be tuned to your caddy.



Question: When I connect the battery plug to the caddy and turn the main switch on, the battery indicator lights do not come on.

Reply: a) Inspect if the fuse in the battery case is still good, and if the battery leads are well connected to the battery.

b) Open the back of the handle with a screwdriver. Make sure the handle line plug is in the right position on the handle electronic board. It will happen when the line of the caddy is not connected in right the position.

Question: The caddy's main switch is on, and all battery indicator lights are on, but the caddy does not run or one motor does not run.

Reply: Please check the motor connectors on the controller box and if connector pins are in the correct position.

Question: The manual control function works, but the remote control does not?

Reply: Please confirm that the rheostat speed knob is in Off "0" or Stop position. Also check the batteries in your remote control handset. If it still does not work open up the remote control and check the connection.



Question: The caddy does not respond well to the remote control handset?

Reply: Please check the condition of the handset batteries. Make sure you don't exceed the range distance limit.

Question: The trolley stops by itself.

Reply: Please check the battery charge. Also the controller box has a shut-down function, if the battery is too low or the controller is overheating or the caddy does not receive a signal for a while.

Question: The caddy tracks to one side.

Reply: Please make sure that the weight distribution of your golf bag is balanced on the caddy. To adjust the tracking loosen the axle screw of the front wheel on the right side, and adjust the wheel position accordingly. Tighten the axle screw after the adjustment to make sure the front wheel stays in the desired position.

Technical Specifications

- Quiet and powerful 2 x 180W/12V-Engines
- Climbing up to 30 degrees
- Loading capacity 30 kg
- Powerful 33Ah - Battery
- Running distance 18 holes
- Charging time 5-8 Stunden
- No memory-effect, battery can be loaded whenever you want
- Battery has an overload protection
- Input battery 100-240V , output 12V
- Battery loading capacity shown with LED at the handle
- Infinitely variable speed control at handle
- 120 m remote range
- Free running function
- Engine brake
- Speed: 8 km/h
- Dimensions unfolded: 110 x 60 x 93 cm
- Dimensions folded: 90 x 60 x 25 cm
- Aluminium frame
- Weight without Battery: 15 kg
- Weight including Battery: 26 kg
- 24 month limited warranty