Bat-Caddy™
Electric Golf Caddy

User Manual
X3 Series
(X3, X3-LCD & X3R)

X3/X3-LCD

X3R

ATTENTION: PLEASE FOLLOW ALL ASSEMBLY INSTRUCTIONS AND READ AND UNDERSTAND THE OPERATING INSTRUCTIONS BEFORE YOU OPERATE THE CADDY, EITHER MANUALLY OR BY REMOTE CONTROL.

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- 2 Rear Wheels
- 1 Battery Pack (Battery, Bag, Leads)
- 1 Charger
- 1 Tool Kit
- 1 User Manual, Warranty, Terms & Conditions

2. Standard Parts (X3R)

- 1 Caddy Frame
- 1 Anti-Tip Wheel & Pin
- 2 Rear Wheels
- 1 Battery Pack (Battery, Bag, Leads)
- 1 Charger
- 1 Tool Kit
- 1 Remote Control (needs 2 AAA Batteries)
- 1 User Manual, Warranty, Terms & Conditions

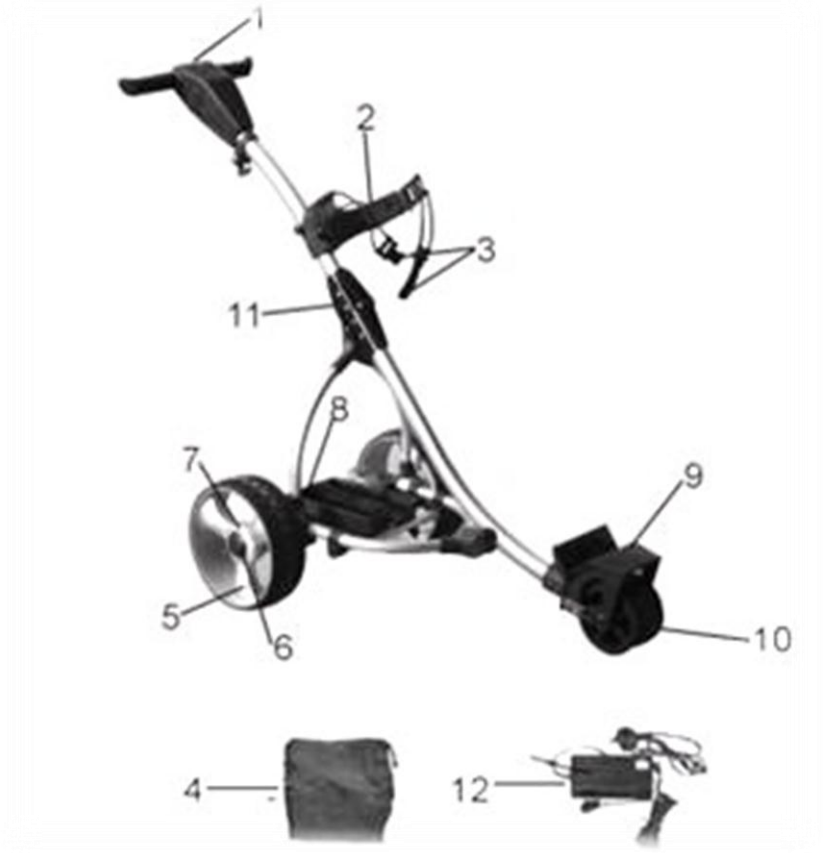
3. Optional Accessories (X3, X3-LCD, X3R)

- 1 Scorecard Holder
- 1 Cup Holder
- 1 Umbrella Holder
- 1 Seat Cushion, Stand, & Hardware

Addition accessories available for purchase at www.batcaddy.com

PARTS GLOSSARY

1. X3 & X3-LCD



1. **T-Handle with Control Face Faceplate and Manual Speed Control**
2. **Upper Bag Support**
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9. **Lower Bag Support and Fender with Support Strap and Tracking Adjustment Mechanism**
10. **Front Wheel**
11. **Frame Locking Hinge**
12. **110-240V Charger (not shown)**

2. X3R

1. **T-Handle with Control Face Faceplate and Manual Speed Control**
2. **Upper Bag Support**
3. **Upper Bag Support Bungee Pigtails**
4. **Battery with Leads and Carrying Case**
   a) **(12V 34/35Ah Sealed Lead Acid Deep Cycle)**
5. **2 Identical Rear Wheels**
6. **Wheel Hub with Locking Mechanism**
7. **Rear Wheel Rubber Tread**
8. **Battery Tray with Plug Receptacle**
9. **Lower Bag Support and Fender with Support Strap and Tracking Adjustment Mechanism**
10. **Front Wheel**
11. **Frame Locking Hinge**
12. **110-240V Charger**
13. **Remote Control Handset**
14. **Anti-tip Wheel with Pin (not shown)**
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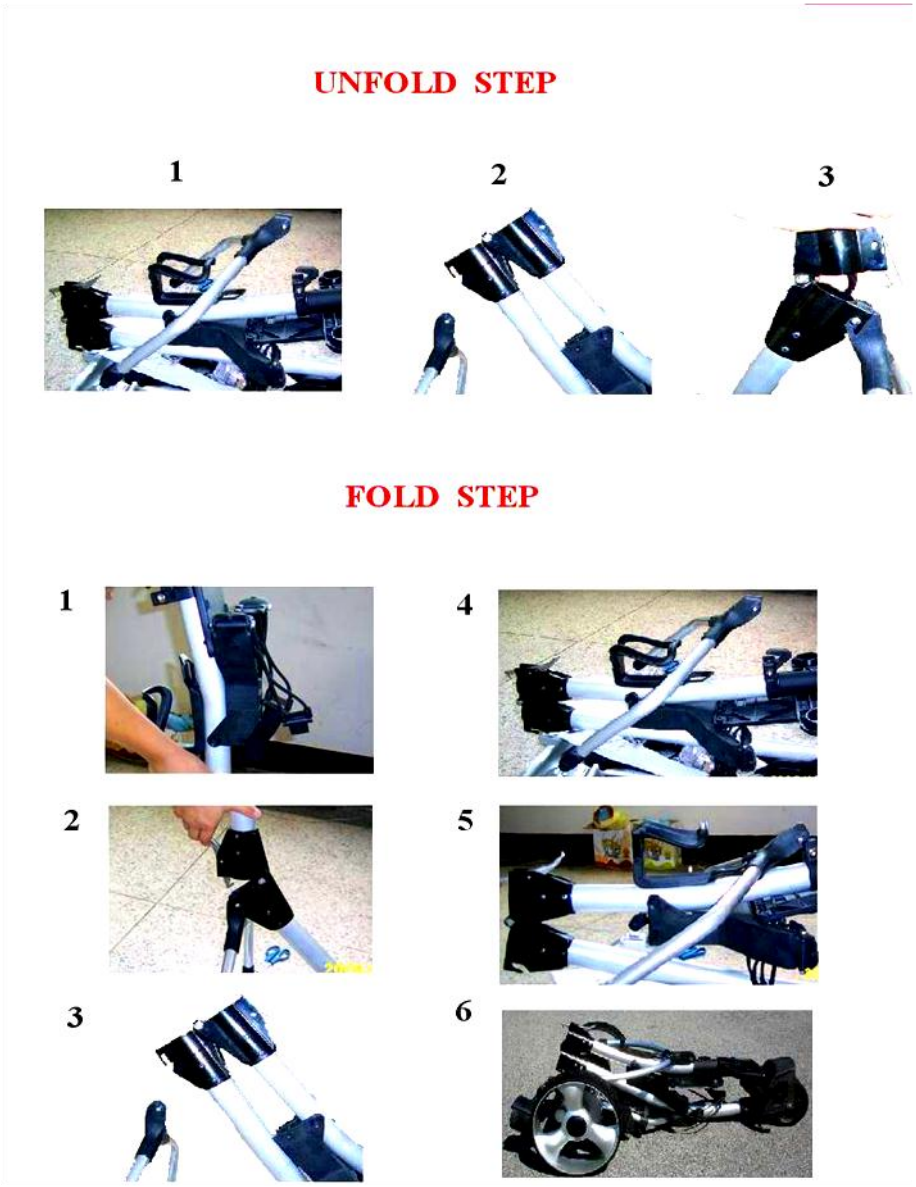
ASSEMBLY INSTRUCTIONS

1. X3/X3-LCD

1. Unpack all items carefully and check inventory.

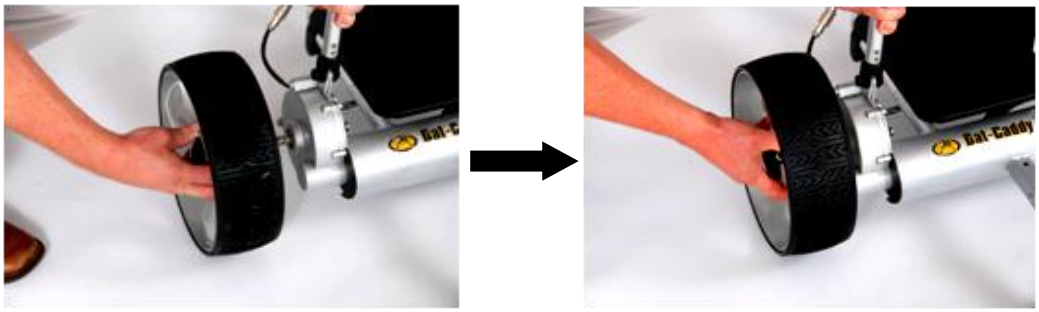
2. Place frame structure (one piece) on soft and clean ground to protect frame from being scratched. Erect frame by unfolding and connecting the main frame tube together at the joint and locking the Y-shape lower support structure to the main frame with the frame lock mechanism.



3. Attach wheels to axles by pushing wheel locking button on the wheel hub and inserting the axle extension into the wheel. **Make sure to keep the locking button on wheel hub pushed in during this process, in order to enable the**

<u>axle extensions to be inserted all the way into the wheel so the axle sprocket locks into the hub</u>. If not locked in, the wheel will not be connected to the clutch and will not be propelled or come off! Test the lock by trying to pull the wheel out.

Attention: Make sure that the right wheel (marked) is attached to the right side and the left wheel (marked) to the left side (**seen from behind in driving direction**), as the wheels have built in clutches. The caddy will not move if the wheels are not on the proper side. Reverse the action to remove the wheels.



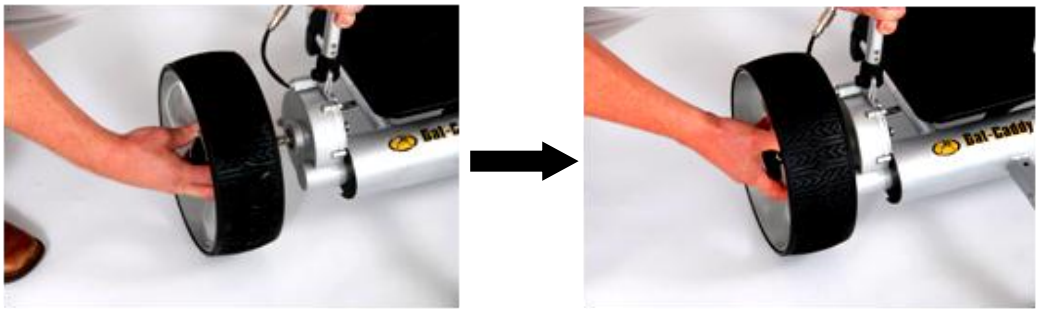
4. Place battery pack on battery tray and fasten Velcro strap around battery tightly. Insert 3 prong battery plug into caddy outlet so notch aligns properly with plug. **Note: <u>Before connecting</u> make sure that Rheostat Speed Control on handle is in <u>OFF</u> position!**

5. Install optional accessories, such as Scorecard/Beverage/Umbrella holder, below handle in the foreseen places or receptors. Instructions provided separately.

2. X3R

1. Unpack all items carefully and check parts inventory.

2. Place frame structure (one piece) on soft and clean ground to protect frame from being scratched. Attach wheels to axles by pushing wheel locking button on the wheel hub and inserting the axle extension into the wheel. **Make sure to keep the locking button on the wheel hub pushed in during this process, in order to enable the axle extensions to be inserted all the way into the wheel**. If not locked in, the wheel will not be connected to the clutch and will not be propelled or will fall off! Test the lock by trying to pull the wheel out. To disassemble the wheels proceed in reverse order.



3. Erect Frame by unfolding and connecting the main frame tube together at the joint and locking the Y-shape lower support structure to the main frame with the frame lock mechanism. Proceed in reverse for folding the caddy.

4. Place the battery pack on the battery tray and fasten the Velcro strap around the battery tightly. Insert the 3-prong battery plug into the caddy outlet so the notch aligns properly.
   Note: <u>Before connecting</u>, make sure that the Rheostat Controller is in <u>OFF (0)</u> position, and the remote control is stored securely!


5. Insert Anti-tip Wheel into frame holding bar and secure with pin.

6. Install optional accessories, such as Scorecard/Beverage/Umbrella holder, below handle in the foreseen places or receptors. Separate instructions provided.

6. Unpack remote control and install batteries with plus and minus poles as indicated in the diagram in the receiver compartment of the unit. Now you are ready to learn and understand the functions of the manual and remote controls.

OPERATING INSTRUCTIONS

1. X3 & X3R

T-Handle Control Functions

The **ON/OFF** button controls the caddy's main power supply. Once you have connected the battery, make sure that the rheostat speed control is in OFF position (all the way counterclockwise). Now press the button for 2-5 seconds in order to switch the caddy ON or OFF (similar to a mobile phone operation). Now the battery charge indicator LEDs will illuminate, and your caddy is ready for operation.

Battery Charge Indicator LEDs; after the caddy has been switched on, all LED lights (green, yellow, red) should be illuminated simultaneously. This indicates that the battery is fully charged. During play, as the battery is being discharged, first the green light should go off, then the yellow, and, when only the red LED is illuminated, it is time to recharge the battery.

High Power: Green Color

Medium Power: Yellow Color.

Low Power: Red Color

Timed Advance Distance Function:

When your press **10M**, the trolley will run 10 Meters/Yards and stop by itself.

When your press **20M**, the trolley will run 20 Meters/Yards and stop by itself.

When your press **30M**, the trolley will run 30 Meters/Yards and stop by itself.

Rheostat Control: Speed can be seamlessly controlled manually via the round rheostat control on the right side of the handle. Dial clockwise to get the caddy in motion and increase speed to the desired walking speed. Dial counterclockwise to decrease speed and stop the caddy.

Cruise Control and Brake/Stop Function; to stop the caddy press the Cruise Control/Stop button. Once you are ready to go again, press the button shortly, and the cart will remember its last setting before you stopped and travel at the same speed automatically. You can now change the speed again with the rheostat speed knob. **NOTE:** this button **does not start** the caddy without it having been in motion before. It functions more like a cruise control mechanism. To initially bring the caddy into motion please always use the rheostat speed control.

Additional Functions

Freewheeling Mode; the caddy can be easily operated without power. In order to activate the freewheeling mode, turn main power Off. The caddy now can be pushed manually without resistance. (The freewheeling mode on some older models can also be activated by pulling out both rear wheels by 1/2 inch (1cm) and relocking them back into the second axle groove. Some models are equipped with both options.)

Tracking Adjustment; tracking behavior of all electric caddies is strongly dependent on equal weight distribution and slope. Test your caddy's tracking behavior by operating it on an even surface without the bag. If changes are necessary, you can adjust the tracking of your caddy by loosening the front wheel axle and the adjustment bar on the right side of the front wheel and shifting the axle accordingly. After adjustment, fasten screws in reverse order. Note: Don't over tighten the nuts.

Installation of Seat

Attach seat stand to seat bottom using the four small screws.
Attention: Attach in such manner that the seat is parallel to the driving direction of the caddy, with the opening facing the outside when you slide it into the holding bar.

Slide seat stand into holding bar as shown. Due to the spring mechanism, the seat should reach the ground when pushed down, so the weight rests solely on the ground.
Note: **DO NOT** attempt to sit on the seat while trying to move the caddy, or frame damage might occur!

Test caddy power supply by turning **On/Off** switch to **On** position ("I") (Off is "0"). All control lights (red, yellow, green) should come on and the caddy should be operable by both the manual control on the handle and the remote controls. **Note:** Familiarize yourself with the handle and remote control functions (X3R only) **BEFORE** you start operating the caddy.

Remote Control Instructions (X3R Only)

<u>Functions</u>:

A. **Brake:** The red button in the middle of the directional arrows should be used for braking the caddy.
B. **Timer:** 10, 20, 30 yards, Stop (same as manual control timer function)
C. **Backward Arrow:** Pressing the back arrow will set the caddy in backward motion. Increase backward speed by pushing multiple times. Press also to decrease forward speed/slow down the caddy
D. **Forward Arrow:** Pushing the forward arrow will set the caddy in forward motion. Pushing multiple times will increase the speed.
E. **Left Arrow:** initiates left turns. When the arrows are released the caddy stops turning and continues straight with the original speed prior to turning.
F. **Right Arrow:** same as left arrow function.
G. **Strap:** on the latest version the holding strap also serves as the antenna. **DO NOT pull out or cut**. Otherwise the remote function will be impacted!

<u>Important Notes</u> – 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 by pulling the lever and place the batteries according to the diagram in the battery compartment
- The remote control system is designed to not interfere with other electric caddies
- The maximum range of the remote control varies between 80-100 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!**
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2. <u>X3-LCD</u>

Display Instructions

<u>Short Distance and Total Distance</u>: Short Distance measures the distance traveled during your current round, allowing you to measure the distance of your drives, how far past a distance marker your ball is, etc. Briefly pressing the **ON/OFF** button resets the Short Distance measurement. The Total Distance reading, which cannot be reset, measures the lifetime distance of the cart. Readings will be displayed in the metric system (1 meter = 1.1 yards or plus 10%; e.g. 100 meters = 110 yards)

Please note: distance measurements will only be correct if you travel in a straight line to your ball.

 The **ON/OFF** button; this button controls the trolley's power. Press and hold it for 2-5 seconds for the caddy to turn **ON/OFF.** The LCD Display will light up and show the battery charge level, speed indicator, and short and total distance measurement. Release once turned

 The **Preset Distance** button; press this button once, and it will be preset to 20 meters (22 yards); however, you can adjust the distance you wish your cart to travel by turning the speed knob either clockwise (increase distance) or counterclockwise (decrease distance), and then press the button again to start motion. The caddy will travel the distance you preset and stop by itself. You can adjust the caddy's speed seamlessly by turning the speed knob while it is already in motion. When the caddy is in motion, you will see "A-B" flashing on the screen display. If you wish to cancel this function while the caddy is in motion, simply press the button again.

 The **Motion Indicator**; this indicates that the caddy is in motion. This image will flash on the display while the caddy is in motion, and it will disappear when the caddy comes to a stop.

 The **Warning Indicator**; this indicates that there is a problem with the power supply. When this appears on the display, please check the battery cable and connections.

 The **Battery Charge Indicator**; this bar display indicates your remaining battery charge. The highest amount of remaining battery charge is indicated by all the bars' being displayed on your screen display; as the battery charge decreases, the number of bars will decrease. When only one or two bars remain, the battery needs to be recharged immediately.

 The **Speed Level Indicator**; this indicates the speed at which your caddy is travelling. If you wish to adjust the speed, simply turn the speed knob.

 The **GO/STOP** or **Cruise Control** button; when your caddy is in motion, press this button to stop the caddy and press it again to resume your caddy's motion. The caddy will resume its motion at the last speed you set up.

General Instructions

- In order to turn the caddy on push the **On/Off** switch The LEDs should light up.
- While holding on to the handle, start dialing the speed control with your index finger slowly forward, or clockwise. The caddy will start moving forward. Adjust the speed seamlessly to the desired pace. Reduce speed by dialing backwards.
- To stop or slow the caddy down, either dial the speed control knob backwards or use the cruise control or **On/Off** button as described previously.

MAINTENANCE & ADDITIONAL INSTRUCTIONS

1. Battery Charging and Maintenance

PLEASE OBEY THESE PRECAUTIONS FOR BATTERY USE & CHARGING:

- 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.
- Please do not charge the battery near a heater, where heat accumulation may occur, or in direct sunshine.
- In order to prolong the service life of the battery, please avoid complete discharge and charge the battery after every use. Unplug the battery from the charger once the charge is complete. When the trolley is not in use for an extended period of time, it is recommended to charge the battery once a month.
- 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.**
- Please do not disassemble the battery or throw it into a fire**;** this will cause an **EXPLOSION!**
- **NEVER TOUCH THE ELECTRIC POLES OF THE BATTERY! THIS IS A SEVERE SAFETY HAZARD!**

Battery Charging Instructions:

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 red steady light. Once the charging cycle is complete 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 12 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 drastically. The battery has a normal lifespan of approx. 150 charges, depending on charging frequency, storage conditions, and time and discharge history, which could reduce this lifetime. Before storing a battery for extended periods of time you must fully charge it. **DO NOT** store a discharged battery or else it might become unusable. Replacement batteries are available from your authorized dealer or directly from Bat-Caddy.

Recommendations

- Fully charge the battery for ca. 12 hours before the first use
- Do not leave the battery on the charger if it is not used for extended periods of time; remove it from the charger after charge is complete
- 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.
- Always keep your battery fully charged before another game

- Never keep your battery connected to the grid during prolonged power outages. It might be irreversibly damaged.
- Do not fully discharge the battery by "overplaying" it. It is recommended to recharge the battery after every 18 holes.

2. Testing Your Caddy

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.

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).**

Remote Control Operation (X3R Only)

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 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 80-100 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 30-45 seconds. This way, should you ever be distracted, your caddy does not completely get away. By pressing the lower right button on the remote the caddy can be moved forward automatically by 10, 20, or 30 yards.

3. Recommendations for Efficient and Safe Operation

- 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.**

- Do not operate the caddy carelessly 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 manually with or without power. **Also, please make sure to always switch off the power and secure the caddy when you park and leave the unit for any reason, either on or off course.**

- 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 uneven weight distribution of its load or slope variations and will follow the weight and the slope of the golf course, which is normal for electric caddies. Therefore, please make sure that the weight in your bag is distributed evenly (move heavy balls and items to both sides equally and to the upper part of your bag, or shift the bag on the caddy). Also, when operating your caddy, anticipate the slope of the course in order to avoid frequent corrections in direction. 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 **strongly recommended** to operate the caddy via manual control in order to prevent any collisions, damage or the need for complicated correction adjustment maneuvers. When operating the caddy often in bumpy terrain we recommend to add an additional bungee strap to the lower and/or upper bag support to give the golf bag additional hold and prevent it from shifting.

- Please avoid or minimize operation on hard and rough surfaces, such as cart paths, asphalt roads, gravel roads, roots etc., as this will cause unnecessary wear and tear on tires, wheels and other components. Bumping into hard objects might cause damage. The caddy is best operated on soft and smooth surfaces such as fairways.

4. General Maintenance

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

- 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 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.

- **NEVER** use water hoses or high-pressure jet washers to prevent moisture entering the electronic systems, motors, or gear boxes of the caddy.

- Remove the rear wheels every few weeks and clean out any debris that might cause the wheels to drag. You might also consider applying some lubricant, such WD-40, to keep moving parts smooth and corrosion-free.

- A 4-5 hour round of golf played once a week for 12 months is equivalent to ca. four years' use of a lawn mower, so please thoroughly inspect your cart at least once a year, 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.

- 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 cool and dry place (not on concrete floor) and don't leave it on the charger.

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

5. 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 30 Ampere fuse. Newer models do not have a fuse anymore.

TECHNICAL SPECIFICATIONS

1. X3

Model Name	X3
Standard Battery	26Ah SLA Dimensions: 8 x 5 x 6 in (20 x 13 x 15 cm) Average charge time: 4-8 hours Lifetime: ca. 150+ charges
Standard Battery Duration	27-36 holes
Battery Upgrade Options	34/35Ah @ $25.00
Folded Dimensions	Length: 34 in (86 cm) Width: 20 in (51 cm) Height: 16 in (41 cm)
Unfolded Dimensions	Length: 46 in (117 cm) Width: 20 in (51 cm) Height: 39 in (99 cm)
Weight Caddy	25 lbs (11.5 kg)
Weight Standard Battery	20 lbs (9 kg)
Total Weight (standard battery)	45 lbs (20 kg)
Speed	5.4 mi/h (8.6 km/h)
Control Functions	Manual Seamless Rheostat Cruise Control Functions: Forward, Stop Timed Advance function (10,20,30 M/Y) Battery charge indicator Power On/Off
Distance/Range	15 mi (25 km)/27-36 holes
Climbing Ability	30 degrees
Off-Power Free-Wheeling Mode	✓
Maximum Load	66 lbs (30 kg)
Charger	Input: 110-240V AC Output: 12V/2A-3A Trickle Charger
Motor	Power: 1 x 200 Watt (200 Watt) 12V DC Electric
Front Wheels	Airless, rubberized tread Tracking adjustment
Rear Wheels	Airless, rubberized tread Quick-release mechanism
Drive Train	Rear Wheel Drive Gear ratio (17:1)

Handle Height Adjustment	N/A
Materials	Aluminum/SS and ABS
Available Colors	Oxidized Silver
Complimentary Accessories (depending on promotions)	Scorecard Holder Cup Holder Umbrella Holder Carrying Bag Seat
Optional Accessories	Rain Cover Sand Dispenser Club Cleaner see "Special Offers"
Introduced (year)	2009
Warranty	1 Year on Parts and Labor 1 Year on Battery

X3-LCD

Model Name	**X3-LCD**
Standard Battery	26Ah SLA Dimensions: 8 x 5 x 6 in (20 x 13 x 15 cm) Average charge time: 4-8 hours Lifetime: ca. 150+ charges
Standard Battery Duration	27-36 holes
Battery Upgrade Options	34/35Ah @ $25.00
Folded Dimensions	Length: 34 in (86 cm) Width: 20 in (51 cm) Height: 16 in (41 cm)
Unfolded Dimensions	Length: 46 in (117 cm) Width: 20 in (51 cm) Height: 39 in (99 cm)
Weight Caddy	25 lbs (11.5 kg)
Weight Standard Battery	20 lbs (9 kg)
Total Weight (standard battery)	45 lbs (20 kg)
Speed	5.4 mi/h (8.6 km/h)
Control Functions	Manual Seamless Rheostat Cruise Control Functions: Forward, Stop Variable, seamless Timed Advance function

	Battery charge indicator
	Speed Control Distance Measurement
Distance/Range	15 mi (25 km)/27-36 holes
Climbing Ability	30 degrees
Off-Power Free-Wheeling Mode	✓
Maximum Load	66 lbs (30 kg)
Charger	Input: 110-240V AC Output: 12V/2A-3A Trickle Charger
Motor	Power: 1 x 200 Watt (200 Watt) 12V DC Electric
Front Wheels	Airless, rubberized tread Tracking adjustment
Rear Wheels	Airless, rubberized tread Quick-release mechanism
Drive Train	Rear Wheel Drive Gear ratio (17:1)
Handle Height Adjustment	N/A
Materials	Aluminum/SS and ABS
Available Colors	Oxidized Silver
Complimentary Accessories (depending on promotions)	Scorecard Holder Cup Holder Umbrella Holder Carrying Bag Seat
Optional Accessories	Rain Cover Sand Dispenser Club Cleaner see "Special Offers"
Introduced (year)	2012
Warranty	1 Year on Parts and Labor 1 Year on Battery

X3R

Model Name	**X3R**
Standard Battery	34/35Ah SLA Dimensions: 8 x 5 x 6 in (20 x 13 x 15 cm) Average charge time: 4-8 hours

	Lifetime: ca. 150+ charges
Standard Battery Duration	27+ holes
Battery Upgrade Options	N/A
Folded Dimensions	Length: 35 in (89 cm) Width: 24 in (61 cm) Height: 12 in (30.5 cm)
Unfolded Dimensions	Length: 42 in (107 cm) Width: 24 in (61 cm) Height: 37 in (94 cm)
Weight Caddy	35 lbs (16 kg)
Weight Standard Battery	25 lbs (11 kg)
Total Weight (standard battery)	60 lbs (27 kg)
Speed	5.4 mi/h (8.6 km/h)
Control Functions	Manual Seamless Rheostat Remote Control (range up to 80-120 yards) Functions: Forward, Reverse, Left, Right, Stop Timed forward advance function (10,20,30 yards) Cruise Control Power On/Off
Distance/Range	13 mi(20 km)/27+ holes
Climbing Ability	30 degrees
Off-Power Free-Wheeling Mode	✓
Maximum Load	77 lbs (35 kg)
Charger	Input: 110-240V AC Output: 12V/3A-4A Trickle Charger
Motor	Power: 2 x 200 Watt (400 Watt) 12V DC Electric
Front Wheels	Airless, rubberized tread Tracking adjustment
Rear Wheels	Airless, rubberized tread Quick-release mechanism Anti-tip wheel assembly
Drive Train	Rear Wheel Drive Dual Steel and Gear boxes Dual independent transmission Gear ratio (17:1)
Handle Height Adjustment	N/A
Materials	Aluminum/SS and ABS
Available Colors	Oxidized Silver
Complimentary Accessories (depending on promotions)	Scorecard Holder Cup Holder Umbrella Holder

	Carrying Bag
	Seat
Optional Accessories	Rain Cover Sand Dispenser Club Cleaner see "Special Offers"
Introduced (year)	2006
Warranty	1 Year on Parts and Labor 1 Year on Battery

TROUBLESHOOTING GUIDE

Symptom	Action
Caddy does not have power	- Check fuse in the battery case - Check all wiring connections and plugs - Check battery charge - Check On/Off button/switch
Motor is running but wheels don't turn	- Check if wheels are secured to axle by split pin - Check right and left wheel position - Check right/left wheel clutches
Caddy pulls to left or right	- Check if wheel is fitted over clutch & latched to axle - Check if axle pin is visible at both sides of axle - Check clutch: turn freely in one direction only
Battery lacks power	- Check cable connections - Check battery charge - Check charger function
Problems attaching wheels	- Adjust quick release catch

FREQUENTLY ASKED QUESTIONS (FAQs)

In order to provide our customers with the most accurate and in-depth information please read below some answers to the most frequently asked questions about electric golf caddies in general and Bat-Caddy in particular.

GENERAL QUESTIONS

Why should I use an electric golf push cart vs. a regular push cart or a golf cart?
Bat-Caddy: Electric golf caddies provide you with a series of benefits, such as improved health and fitness, weight loss, lower handicap and a better overall golf experience, as well as economic benefits due to the saved rental cart fees. On Average a Bat-Caddy pays back for itself within one season considering a $15.00-$20.00 rental cart fee. The caddy basically gives you the experience to play like a Tour Professional, i.e. walking but not having to carry, push or pull and thus avoiding any strain or fatigue which will most definitely impact your golf game. The real question is why should I not use an electric golf caddy and continue to carry my bag or waste money on riding cart rental fees? Please also read our Product Benefits section on our website.

What is the difference between a remote controlled and a manually controlled motorized golf trolley?
Bat-Caddy: The remote controlled caddy can be operated via a handheld remote transmitter up to 100 yards distance. The manually controlled caddy is also power assisted but steering and speed control needs to be performed manually on the handle, so you will have to walk close to the caddy while operating it. The remote controlled caddy can also be manually operated via a seamless rheostat control on the handle. It especially comes in handy when walking off the fairway or after putting, because you don't have to walk back to your cart.

How do I know if a motorized golf push cart is not too complicated for me to operate and maintain?
An electric caddy does require some minimal technical understanding and affinity, as it is a rather sophisticated, yet easy to use electrical/mechanical device with moving and wear/consumable parts. Remote controlled carts require a little bit more involvement/touch and forward looking operation than the manual carts, as they will follow the topography of the course. Eventually, wear and consumable parts need to be replaced, so look for a supplier who has all parts in stock and is transparent in parts pricing. Our sincere advice is: if you don't know clockwise from counter clockwise, left from right, plus from a minus battery pole or cannot read instructions or expect pushing a button and the caddy will follow you from the 1st tee to the 19th hole - Don't buy an electric golf cart!

Will the golf cart follow me?
Bat-Caddy: No! The type of carts that follow you are mostly obsolete or extinct. The

main disadvantage of this technology was that they tended to cut corners, i.e. run into bunkers or water hazards once the operator went around them. You also needed to switch them off before you went on the green and walk back to them after putting. Today's remote control technology is more intuitive to use.

What is better? A rear wheel or a front wheel drive?
Front wheel driven caddies have some distinct disadvantages: Due to the motor being integrated into the front wheel there is additional weight which needs to be lifted when turning. Also the wheel spins when lifted, and the caddy tends to lose traction going uphill. It's also more difficult to repair. The rear wheel drive is definitely the way to go!

What kind of golf bag should I be using with an electric caddy? Can I use my current carry/stand bag?
Electric caddies are designed for standard cart bags. Carry bags with legs or uneven weight distribution are not very well suitable, as the legs will prevent the bag from being centered or properly affixed causing shifting during operation which will negatively impact the tracking of the cart. Hence, we recommend a standard cart bag with an even oval shape design, possibly with separate club compartments to prevent club shifting and noise, and plenty of pockets to optimize weight distribution in the bag/cart. Recommended dimensions are: 34.5" (minimum height) x 9" (width) x 11" depth. Our bag supports accommodate many different shapes and sizes but the above measurements are ideal dimensions.

What makes your caddies better than those of your competitors?
Bat-Caddy: Our caddies offer a unique and superior combination and balance of performance features, design, quality, service and value. Bat-Caddy incorporates US and European design and Marketing/Distribution savvy with Asian manufacturing capabilities. Unlike some other brands our caddies are designed as motorized golf caddies from ground up and not just retrofitted push carts. Please refer to our Product Information section for detailed product features and benefits and don't hesitate to compare us to any of our competitors at any level. When purchasing an electric caddy please also always consider the after-sales service. According to many of our customers Bat-Caddy has the industry's best customer service, and response time (Testimonials). Our sincere advice: Never buy this kind of product from amateurs on auction sites other than from our authorized dealers, or from shady/new outfits without real physical addresses or service phone numbers. You want to make sure you get service and parts when you need it during the life of your caddy and warranty back-up as advertised. Check a company's track record, and if they actually have a real physical location. There are various "imitators" on the market who have tried to copy our caddies as well as Marketing strategy, but they are usually years behind and ship out of a "garage". Bat-Caddy is a well established company since 2004 and considered the best value in the market with the best customer service by our nationwide reputable dealers/retailers. That's why we continue to grow at an amazing pace, despite the

current economic climate. We are a global company represented in the US, Canada, Europe and Asia with an array of reputable retailers representing our product line.

BAT-CADDY QUESTIONS

Should I charge the battery once I receive the unit?
Bat-Caddy: Our 12V sealed lead acid batteries come more or less fully charged, but we recommend to charge them for a full 12 hours before the first usage. The charger should either have a blinking green light or a red light while it's charging and turn into a steady green light when the battery is fully charged. The batteries develop their full potential after a few full charging cycles. We recommend not to leave the batteries on charge for longer periods of time. After a charging cycle is completed over night, unplug the battery and it will hold its charge for weeks, if not months.

How long does the battery last?
Bat-Caddy: Our batteries are rated to last on average for at least 27 holes or 6-7 hours of play per charge (anyone advertising longer operational functionality on the same ratings batteries is very likely overstating the continuous battery performance). Depending on the weight of your bag, topography of your course and the distance of travel they might last longer or shorter. However, we recommend to recharge the battery after every 18 holes or 5 hours of play, as complete drainage reduces the life time of a battery significantly! The overall life time for sealed lead acid and any other batteries used by any caddy OEM is dependent on a variety of factors, other than purely the number of charges, including but not limited to frequency between charges, duration of charge, level of drainage, idle time between usages, storage conditions and duration and overall shelf life. We usually predict a battery lasting anywhere between 120-180 charging cycles, if it is used frequently and according to instructions. We do cover our batteries 100% according to our published warranty policy, and any potential additional coverage is at our discretion.

What do the lights on the handle mean?
Bat-Caddy: The red, yellow and green LEDs on the handle indicate the level of charge of the battery. When the battery is fully charged they all should be lit. As the battery drains itself first the green, then yellow will go off. If only the red is on it's time to recharge.

My caddy has no power when I try to turn it on?
Bat-Caddy: Please check if all electrical connections are tight. Also check the fuse in the red cable of the battery leads within the battery carrying case. If broken please replace with a standard 30 Amp automotive fuse.

My caddy tends to track to one side. What should I do?
Bat-Caddy: All caddies will follow the weight and slope. If the weight in your bag is unevenly distributed the caddy will always tend to track to that side. Make sure that your bag is balanced. Please test the tracking of your caddy without the bag on even terrain. The tracking can also be adjusted by adjusting the front wheel with the

adjustment mechanism. Please open the axle screw and the tracking rod located on the right side of the front wheel. Shift the wheel as needed and tighten the screws in reverse order. During operation make sure the bag is positioned straight, the weight in your bag is evenly balanced and does not shift.

Do caddies interfere with each other when playing with other Bat-Caddy carts?
Bat-Caddy: No. The remote controls have slightly different frequencies, so they don't interfere with each other.

I lost or replaced my remote control and just received a replacement. How do I reprogram or resynchronize the new unit?
Bat-Caddy: In order to resynchronize a new remote control you need to have the caddy under power (turned on) with the rheostat speed control in OFF position. Best to reboot (turn off and on) the caddy before starting the process. For pre-2010 models expose the controller box in the battery tray by opening the plastic lid in the tray. Now push the green button on the side of control box while simultaneously pushing either the forward or reverse button on the new remote transmitter for ca. 10 sec. For 2010 models the green button has been eliminated, so just point the remote onto the caddy a few feet away and press forward or reverse for 10 sec. If the caddy does not start moving at once, release and repeat process. Please make sure that the caddy is powered on during this procedure. We recommend to take the wheels off or jack up the caddy during resynchronization to prevent the caddy from getting away.

I received my 2011 Bat-Caddy model and it has the free new integrated scorecard/umbrella holder accessory. How do I assemble it properly?
Bat-Caddy: Please find download assembly instructions on our website at www.batcaddy.com .

The golf season is over and I am ready to store my Bat-Caddy? What is your advice?
Bat-Caddy: We recommend to clean the caddy using a damp cloth or brush for the wheel treads. DO NOT use a hose or power washer and keep moisture away from the electronics in the handle and controller box/compartment! Lubricate and protect the axles and wheel cores from oxidation with WD-40 or similar lubricant. Store in a dry, cool/non-freezing place. Give the battery a final full charge over night, unplug and store in a cool but non-freezing place. DO NOT leave the battery plugged into the caddy or charger! DO NOT leave the battery on a concrete floor, but ideally place on a wooden shelf. If possible recharge the battery every 6-8 weeks. Recharge before first use in Spring, and you should be in great shape for the next season. Stay warm!

For Technical Support please contact one of our Service Centers at http://batcaddy.com/pages/Contact-Us.html **Check our website** www.batcaddy.com