



P/N 3199 Rev F

OWNER'S MANUAL

For Traditional and Remote controlled models

Dear Fellow Golfer!

Congratulations on being the proud owner of your personal Lectronic Kaddy. The world's first computerized motor caddie, developed for your golfing pleasure.

Your Lectronic Kaddy combines the latest technology with the finest components available to deliver features that are unsurpassed by other motorized caddies.

The Lectronic Kaddy is designed to operate simply, allowing you to play a relaxed, hands-free, round of golf, while walking the course at your own personal pace. After a few rounds you will be completely familiar with all the features of your Kaddy and its functions will become second nature.

Your new Lectronic Kaddy offers light-weight operation and durability, ease of assembly and disassembly, all with a no worry, maintenance free operation.

We suggest you read this owner's manual completely and in detail, prior to your first round of golf with your new Lectronic Kaddy. A common sense approach to the care and operation of your unit will ensure years of enjoyable, trouble free golf.

Happy Golfing!

Warranty

Two full years limited warranty on all parts and workmanship. Provided the Lectronic Kaddy is used and maintained only as recommended and is not subject to commercial use, misuse, negligence or wilful damage and no unauthorized service or modifications are made to it, the manufacturer warrants to the original purchaser, that the product is free from defects in the material and workmanship for a period of two full years from the date of purchase.

Shear pins are excluded from this warranty. Batteries supplied with the Lectronic Kaddy are warranted against defects by the original equipment manufacturer. (See separate warranty declaration supplied with the battery).

The manufacturer will, at its option, either repair or replace any defective parts, free of charge to the purchaser. Freight charges involved in returning goods for repair will be the responsibility of the purchaser.

This warranty does not cover accidental damage and specifically excludes claims for indirect, incidental or consequential damages.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Some states do not allow limitations on how long the warranty lasts, so the above limitations may not apply to you. This warranty gives specific legal rights and you may also have other rights which vary from state to state.

Complete and mail the enclosed warranty registration card.

TABLE OF CONTENTS

1

Precautions	2
Features	3, 4
Unpacking	5
Re-packing	5
Assembly	6
Assembly, Remote Control	7
Operation	8, 9
Secondary Operation	9, 10, 11
Free-Wheeling	9
Maintenance	12, 13
Battery Charging	12
Troubleshooting	14, 15
Exploded View	16
Parts List	17

LECTRONIC KADDY OFFICES

HEAD OFFICE:

CANADA

Paradigm Sports
5590 McAdam Road
Mississauga, Ontario
L4Z 1P1

Tel: (905)602-8118

Fax: (905)602-8122

Toll Free: 800-267-0098

e-mail: paradigm@kaddy.com

USA

Paradigm Sports
300 Canal Street
Lawrence, MA
01840

Tel: 978-687-6687

Fax: 800-726-5785

Toll Free: 800-508-5408

e-mail: paradigmsports@att.net

1. Read and understand this Owner's Manual before operating your new Lectronic Kaddy.
2. Complete and mail enclosed warranty registration card.
3. Fully charge the battery, using the Lectronic Kaddy Battery Charger, prior to initial use.
4. Do not use any other charger with battery. Damage to battery or personal injury could result.
5. Completely charge battery after every round of golf. Better yet, we advise the battery is left connected to the charger and the charger switched on whenever the battery is not required for play. This will ensure the battery remains fully charged.
6. Always remove the battery from the Kaddy before charging.
7. Never use the Lectronic Kaddy battery for any other purpose other than to power the Lectronic Kaddy.
8. Do not connect the Lectronic Kaddy battery charger to the Kaddy. Permanent damage will result.
9. Read storage and maintenance found on page 12.
10. Always unplug electrical connector before removing handle, or battery from Kaddy.
11. Before operating Kaddy with remote control we recommend placing Kaddy on a piece of wood to raise drive wheels off the ground. Learn to use start/stop, brake, left and right turn buttons. NOTE: Press any button for a minimum of 1 second before releasing.
12. Operate Kaddy in a wide open area, to become completely familiar with your Lectronic Kaddy and ensure its safe and enjoyable use on the golf course.
13. Never use your Lectronic Kaddy to carry anything other than a golf bag and clubs. Do not attempt to ride on unit. Serious damage will result.
14. While operating Lectronic Kaddy, always keep the Kaddy in front of you.
15. Always turn Kaddy off before leaving your Lectronic Kaddy unattended, such as when entering the clubhouse.
16. Take extra care when operating Lectronic Kaddy up or down hills with remote control. Maneuverability is reduced when traveling downhill. Use of the Hilltamer accessory is recommended.
17. Do not direct Lectronic Kaddy towards other players or carts.
18. Do not operate Lectronic Kaddy around cars or buildings with remote control.
19. We recommend not operating from more than 50 yards away with remote control, during normal use. Depth perception can be compromised beyond this range.
20. Do not discard shipping carton after unpacking your unit. In the event your Lectronic Kaddy should need to be shipped for service, repacking would be required. Keep carton in a safe, dry, place/



WARNING: Leaving a battery in a discharged or semi-discharged state is the leading cause of premature battery failure.

On-Board Computer

Your Lectronic Kaddy is a motorized golf cart with an on-board computer for user friendly operation. This computer monitors and limits current consumption; controls speed and pre-set distance selections. Computer receives remote control commands and protects the battery and motors from overload.

Dual Drive Motors

One of Lectronic Kaddy's key features is the dual, custom engineered drive motors with individual helical gearing. Power is transferred directly to the wheels, eliminating belts, chains and other drive mechanisms, increasing efficiency and minimizing maintenance. The bronze/steel helical, in line, gearing increases torque approximately thirty percent over traditional worm gearing.

Turf-Friendly Wheels

Wide tires protect even wet turf, while the use of urethane to mold the tires gives a high coefficient of friction to ensure good traction. With a full set of clubs, Lectronic Kaddy has a ground pressure of less than 4 psi on turf. Wheels are 28-inches apart, giving superior hillside stability.

Free Wheeling Feature

Should it ever be needed, wheels can be made free-wheeling at a push of a hub cap lever, converting the Lectronic Kaddy into a well balanced pull cart. See page 9 for instructions.

Durable Quality Construction

Lectronic Kaddy is made from aircraft grade aluminum, with double the strength of typical commercial grade aluminum. This gives superior strength and flexibility, corrosion resistance and light weight. Handles are tested to 50,000 psi tensile strength.

Anti Tip Bar

Allowing the Kaddy to tilt back a maximum of 15 deg., this bar prevents accidental tipping backwards. The addition of the Hilltamer stabilizing wheel is recommended for the remote control

Ease of Assembly

No tools required. There are only three components, so Kaddy can be assembled or disassembled in seconds.

Battery

Lectronic Kaddy is supplied with the best, sealed 12-volt battery to be found. It will operate in any position eliminating all risk of acid spills. Maintenance free and featuring a oneway plug-in polarized connector. See figure 1.

Manual Control Switch

This switch, found under the handle grip, operates the Kaddy manually when pressed, and stops unit when released. Use this button when precise control of the Kaddy is required, such as when crossing bridges, narrow paths, operating through doorways, around trees or fellow golfers. See figure 1.

Control Panel

Located on top of the control handle, this panel controls all Kaddy functions. You may use the control panel to set operating speed, select distance of automatic travel and check battery condition. See figure 2.

1. On-Off control, press  button to turn unit on. Press  to turn Kaddy off.

Note: A personal security code may be easily programmed. See operating section.

2. Battery lights. With Kaddy "on", battery lights will automatically indicate battery condition. Observe lights while running motors for 2-3 seconds to ensure proper battery indication. See table below.

LIGHT	BATTERY CONDITION	COMMENT
RED	VERY LOW	CHARGE BEFORE PLAY
AMBER	LOW	GOOD FOR MAX OF 9 HOLES
GREEN	CHARGED	READY FOR PLAY

3. Distance Selectors. Distance Selectors have been factory set to allow your Kaddy to travel approximately 10, 20, 40, 60 or 100 yards then stop automatically. However, actual distance may vary due to course conditions such as wet grass, heavy rough etc. The speed setting, weight of golf bag and the battery charge condition can also effect the actual distance.

Note: Selecting another yardage button prior to the completion of the first selection, resets the system and applies the new distance selection.

4. Speed Adjustment. By pressing (and holding) the rabbit  or turtle  keys, speed setting is adjusted. The speed display lights indicate the current setting.

5. Stop Button.  when pushed, this button stops Kaddy. This cuts power but does not apply brakes.

Selection	Approx. run time (secs).	Approx. yardage
10	6	10-20 *
20	12	20-40 *
40	24	40-60 *
60	36	60-80 *
START (GO)	60	100-150 *

* Course conditions, speed setting and weight of golf bag may cause actual distance to vary

6. Start Button. When pushed Kaddy will travel approximately 100 yards and stop automatically.

NOTE: Always walk with the Kaddy as it travels, maintaining a reasonable distance of, say 50 yards between you and the Kaddy at all times.

7. Dynamic Brake. When this button is pressed, Kaddy is immediately stopped. The on-board computer instantly brakes both wheel motors simultaneously.

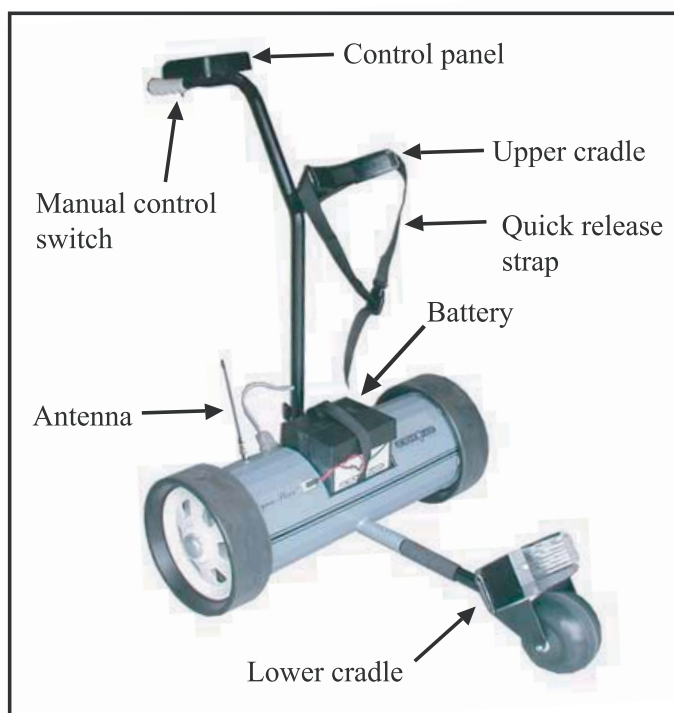


Figure 1

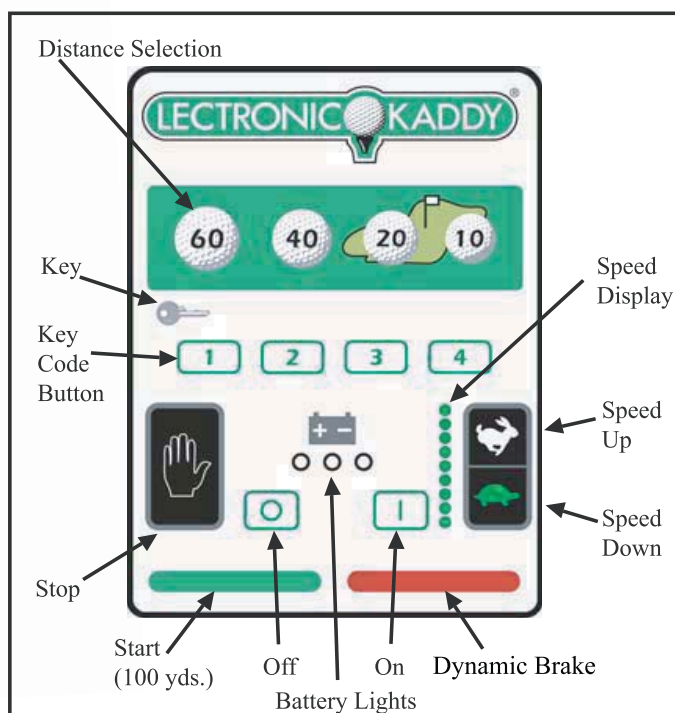


Figure 2

Shipping Carton

The shipping carton has been specially designed to protect your Lectronic Kaddy from damage in transit.

Do not discard or damage the carton and inserts when unpacking the unit. Should you require to ship the unit for any reason in the future, you will need the packaging. Store carton in a safe, dry place.

Shipping carton contains the following:

- ❶ Lectronic Kaddy body and wheels
- ❷ Lectronic Kaddy 12 volt battery
- ❸ Lectronic Kaddy battery charger
- ❹ Control handle assembly
- ❺ Front wheel assembly
- ❻ Owners manual

Carton may also contain the following items:

- ❽ Remote controll transmitter
- ❾ Antenna
- ❿ Hilltamer
- ⓫ Bag-Lock

To prevent carton or Kaddy damage, carefully remove all components from carton as follows:
See figure 3.

.

- 1 Lift flap (A) to reveal 'Kaddy and battery
2. Using built-in strap on battery, remove battery from the Kaddy body
3. Lift flap (B) to access the battery charger.
4. Compartment (C) contains Transmitter and literature.
5. Remove battery charger. Do not discard protective carton.
6. Place all packaging inside the carton. Store in a safe, dry place.
7. Bag-lock is located here (D). See separate instructions.

Repackaging

Should it become necessary to repack the Kaddy, simply reverse the above procedure.

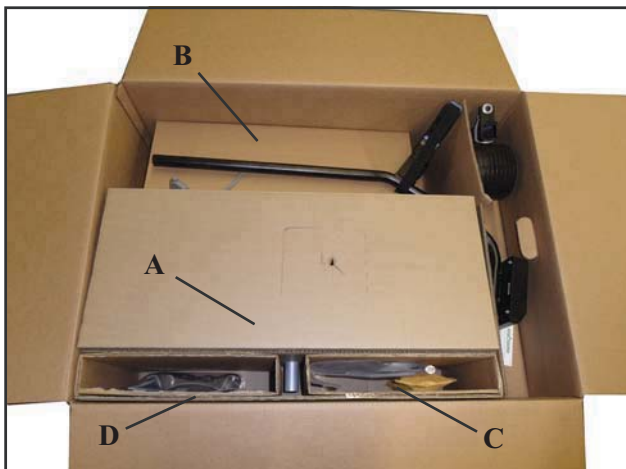


Figure 3

Note: Fully charge the battery prior to initial use. Refer to page 12 for instructions on battery charging.

To assemble your Lectronic Kaddy proceed as follows:

1. Carefully slide the front wheel assembly into the body. See figure 4. Press the spring loaded plunger with your thumb to allow the front wheel assembly to be fully inserted. The plunger will lock itself into position.

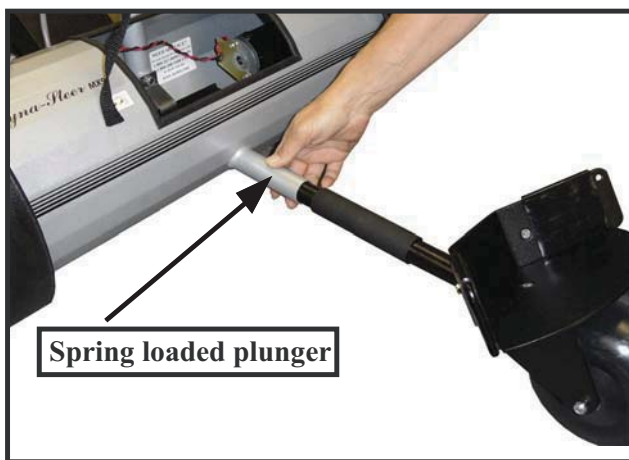


Figure 4

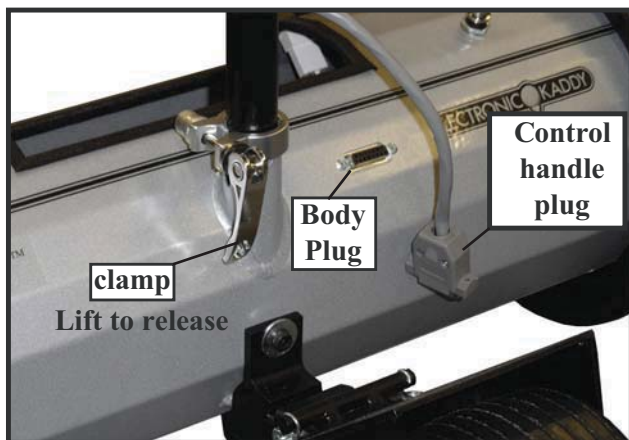


Figure 5

2. Lift the quick release clamp lever to allow the handle to be inserted. Carefully insert the control handle into the body tube, aligning the notches in the handle with the guide pin in the body tube. Push down the quick release lever to lock the handle in position. See figure 6.

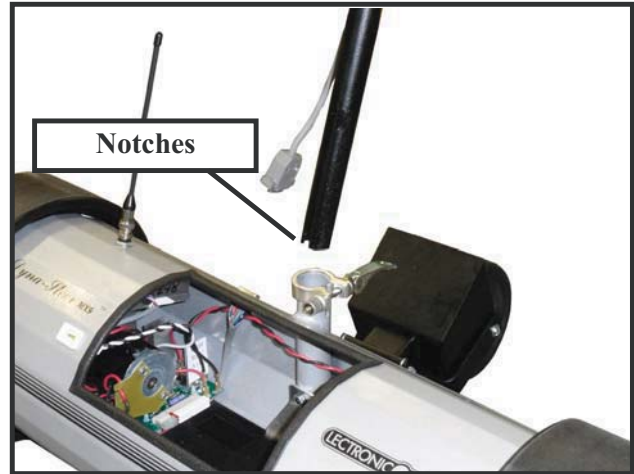


Figure 6

3. Connect the control handle plug to the body plug. The plug is tapered to connect one way only and should require little effort. See figure 5.



Figure 7

4. Using built in strap, carefully slide the fully charged battery into the Lectronic Kaddy body, with the battery leads facing the front. (See figure 7). Plug the battery plug into the receptacle on the body. This plug is made to fit only one way, do not try to force in the incorrect way. See figure 8.



Figure 8

5. To position the antenna (remote model only) onto the fitting on the right top of the body, see figure 9. Rotate the base of the antenna clockwise to lock in place.



Figure 9

6. Place your golf bag onto the Kaddy with the bottom of the bag located in the lower cradle of the front wheel assembly and the top of the bag resting centrally on the upper cradle. Snap the quick release buckle together and pull the strap to firmly secure the bag.

Read the OPERATION section of this manual prior to operating your Kaddy, either manually or by remote control.

You are now ready to operate your new Lectronic Kaddy.

However, we strongly recommend that you practice operating in a wide open area to familiarize yourself with the Kaddy's controls and how it maneuvers. After a relatively short period you will find the operation easy and predictable.

To disassemble the Kaddy, simply reverse the above instructions.

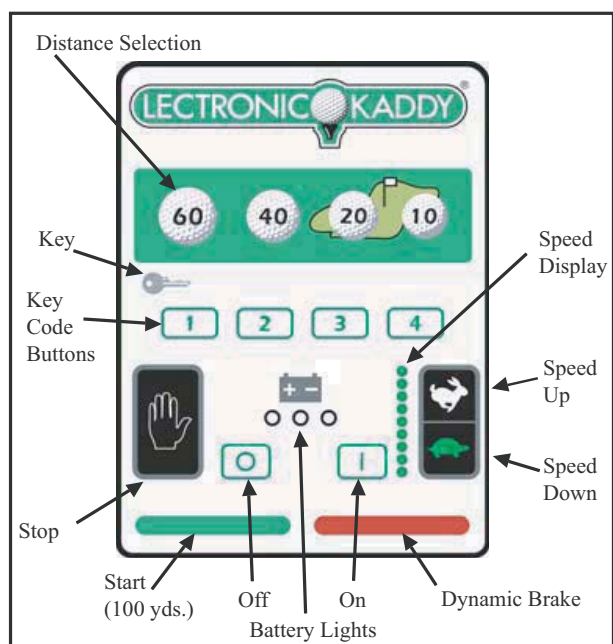


Figure 10

Operating your Lectronic Kaddy

1. Ensure the battery is fully charged. Should the battery require charging, refer to page 12.
2. Press **1** button to turn on. The "normal" display will show one battery indication light (usually green) and the speed setting will be displayed as lit LED's on the speed display. See figure 10.

Note: If the first speed setting light is flashing, this indicates that the security code system is activated and a security code is required to start the Kaddy. (Refer to page 10, item 3 to disable the security system or to program a new code). Enter the three digit code (the factory default is 1;1;1). The Kaddy should now show the "normal" display as described above.

3. Confirm the battery condition by observing the battery lights (see figure 10). The green light should be lit. If the green light is not lit, refer to section on trouble shooting.

To familiarize yourself with the functions we suggest you place the Kaddy on a block of wood to raise the wheels off the ground. Carry out the following operations and note their effect.

4. Press and hold  or  buttons to adjust the speed setting. Reducing the speed to minimum will leave one LED lit on the speed display.
5. Operate Kaddy by squeezing the manual control switch located under the control handle grip. Releasing the switch will stop the Kaddy.
6. Pressing a distance selector e.g. **60** will cause the Kaddy to travel a specific distance and then stop automatically. (see table page 4.) To override the distance timer and stop the Kaddy prior to the expiration of the selected distance, simply press  on the keypad or squeeze the manual control switch under the handle grip.

Caution: When using the distance selector, ensure the fairway is relatively level and free from obstructions, before sending the Kaddy on its way.

7. Pressing the green bar on the keypad will cause the Kaddy to travel approximately 100 yards then stop automatically. Steer the Kaddy with the control handle or by remote control (if equipped).

Note: Always walk with the Kaddy as it travels, maintaining a reasonable distance of up to, say, 50 yards between you and the Kaddy at all times.

8. Pressing the red bar on the keypad (dynamic brake) will stop the Kaddy quickly. Use when going down steep hills while holding on to the control handle of the Kaddy.
9. When operating in tight areas e.g. narrow paths, bridges or maneuvering around tee boxes, always use the manual control switch under the hand grip while steering with the control handle.



Should you require to push or pull the Kaddy as a regular golf cart, push the tab shown above and pull the wheel outward to disengage the wheel from drive. While still depressing the tab reinstall the wheel and release the tab to engage in the first groove on the axle. The wheel should now free-wheel but still be retained on the axle. Repeat for the other wheel.

Depress the tab as shown and while holding it depressed, push the wheel toward the Kaddy, and slowly rotate the wheel until you feel it mesh into drive. Release the tab to lock the wheel into place. Repeat for the other drive wheel. Pull back on the wheel to ensure that it is fully locked into position. **Do not hammer the cap to engage as this can damage the cap and tab.**

Pressing the button on the keypad gives you access to secondary functions such as Power biasing, Keypad light display testing, Security code programming and Remote control signal testing.

Turn unit on then proceed:-

Step	Press Key	Display confirmation lights
1		    
2		

The Kaddy can be operated while the following adjustments are made

3		To set right hand motor speed faster than left.
4		To set right hand motor speed slower than left.
5	 	To save setting and exit to normal functions

This function should not be used to correct general tracking problems. Refer to page 13

Turn unit on then proceed:-

1 

1

2

2

Display confirmation lights

All
Flashing

Turn unit on then proceed:-

1 

1

2

3

3

Enter three digits from keypad e.g 1-4-4.

4

Re-enter the same three digits to confirm.

5



To save setting and exit to normal functions

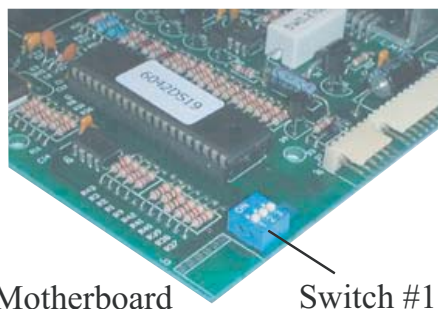
To enable the Security system, you must now activate it - see below



Ensure that the other two switches are not disturbed.



To disable the security system, return switch #1 to the "off" position.



Motherboard Switch #1

Figure 13

Perform Transmitter and Receiver test - To check that all the commands sent by the hand-held transmitter are being received by the receiver mounted in the Kaddy.

Turn unit on then proceed:-		Display confirmation lights				
Step	Press Key					
1		● ● ●	○ ○ ○	● ○ ○	○ ○ ●	● ● ○
2						
3	Press left turn command on transmitter					
4	Press right turn command on transmitter					
5	Press stop/brake command on transmitter					
6	Press start/speed up command on transmitter					○ ● ●
7	  Exit test, resume normal operation.					○ ○ ●

Reset all values to factory default - This will set the security code back to 1-1-1, and remove any electronic power bias settings.

Turn unit on then proceed:-		Display confirmation lights				
Step	Press Key					
1		● ● ●	● ● ●	● ● ●	Flashing	
2						
3	    					

Note: The Kaddy has an automatic shut off circuit which will power down the controls if the unit is left unattended for a period of time. The time period will vary, if the unit is switched on but no further keys are pressed, then shutdown will occur within five minutes. If left during normal operation shutdown will occur in twenty minutes. Secondary functions will power down within five minutes.

Battery Maintenance - Charging

The battery supplied with your Lectronic Kaddy should be charged immediately after every round of golf.

Do not use any other type of charger to charge the battery. Serious damage or personal injury could result.

Locate the charger as far from the battery as the cables allow to avoid any possible acid vapour damage to the charger.

To charge the battery, plug in the polarized battery connector to the charger. Connect the charger to a wall outlet providing 100 - 240 volts. The power on light will illuminate. **①Note:** *If this LED does not illuminate, check your AC supply and the input protection fuse located at the back of the charger.*

The charger will automatically switch on if the battery is connected properly and the battery voltage is more than 2 volts. One of the charging lights (#3 or #4) will illuminate indicating charging has started. When #5 light starts to flash charging is complete and if required, the battery can be used. For more detail, refer to the charger's manual.

Disconnect the AC mains before disconnecting the battery connections.

Always leave the battery connected to the charger and the charger connected to the AC power until you need the battery.

Do not charge the battery while it is still in the Kaddy.



WARNING: Use only Lectronic Kaddy approved batteries on your Lectronic Kaddy charger.



WARNING: Leaving a battery in a discharged or semi-discharged state is the leading cause of premature battery failure.



Figure 14

Battery Handling Precautions

- Never place the battery near fire.
- Never short the terminals.
- If battery cracks due to mishandling and dilute sulfuric acid contacts the skin, wash it off immediately with water. If sulfuric acid contacts the eyes, wash them with lots of water and see a doctor.
- Recharge the battery as soon as possible after use.
- When battery is not to be used for a long period, store in a cool place, preferably below 20 deg. C. We advise that the battery remain on the charger connected to the AC.
- Dropping or otherwise mishandling the battery may result in irreversible damage to the battery which would result in having to replace the battery.

Kaddy Maintenance

This Lectronic Kaddy product has been specially designed, requiring very little maintenance. However certain components should be inspected frequently.

Winter Storage

During winter months, or long periods of inactivity, ensure that the battery is on the charger and connected to the AC. This will keep your battery conditioned.

Kaddy pulls to the left or right

- Ensure the golf bag is centered on the upper and lower cradles.
- Ensure the front wheel assembly is installed correctly and is not damaged.
- Remove the drive wheels and ensure the motor mount screws are tight.
- Ensure the two drive wheels are correctly engaged.
- Ensure the Power Biasing feature is set in the neutral position. (See secondary operation section)

If the Kaddy still pulls to one side, proceed as follows:-

1. Unplug and remove the Kaddy battery.
2. Remove the front wheel assembly.
3. Loosen the axle nuts (A), on both sides of the wheel assembly, using two nut drivers. If the 'Kaddy is drifting to the right, simply unscrew the adjusting screw (B) on the right side a half turn using the 5/32" Allen Key provided (See figure15).

Prior to retightening the axle nuts, you can reassemble the wheel assembly and operate the 'Kaddy on flat ground to check the tracking.

Once you have verified that the unit now runs straight, you can retighten the axle nuts (A), being careful not to over tighten.

Similarly, if the 'Kaddy is drifting to the left, the same procedure as above can be applied to the left side adjuster.

Do not tighten the black nut (C).

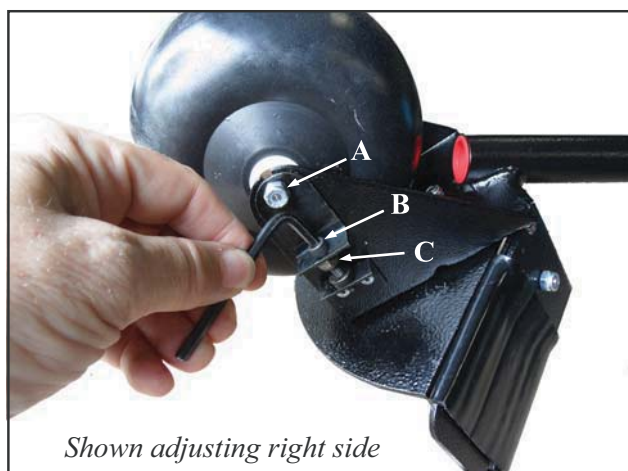


Figure 15

Periodic Maintenance

Lubricate control handle plug, body receptacle plug with lithium grease once per year.

Do not store Kaddy outside without adequate protection.

Inspect Kaddy frequently for damage or loose components. Repair or replace where necessary.

Occasionally lubricate the front wheel bronze bearings with light oil.

Check the wheel drive hubs for wear and replace if necessary. (Item #8 on exploded view).

Cleaning

Keep Kaddy clean to ensure proper performance.

1. Unplug battery (leave in Kaddy body).
2. Wipe off accumulated dirt.
3. Unplug and remove control handle.
4. Remove battery from Kaddy body.
5. Remove front wheel assembly.
6. Remove both drive wheels.
7. Wipe all parts using a damp cloth or towel.
8. Dry using a soft cloth or towel.

Note: It is usual for amounts of oily residue to leak through the gearbox bearings onto the motor shafts. Use a degreaser occasionally to clean off grease from around the motor shaft and end plate.

When reassembling the Kaddy, ensure the wheels are fully engaged in drive.



WARNING: Avoid power washing of the Kaddy as this could cause damage to the electronic system.

If the Kaddy inadvertently becomes immersed in water or water is sprayed into the electronics, do not attempt to reconnect the battery and power up immediately.

Completely dry off the Kaddy. If necessary use a hair dryer to dry off the surface water from the motherboard. Only when you are completely satisfied that the unit is completely dry should you attempt a power up.

The electronics are coated to prevent damage from rain water or moisture from normal operation.

Note: Directions indicating "right side" and "left side" refer to the side when viewed from the normal operating position. i.e behind the 'Kaddy.

Power lights are “ON” but one or both motors are inoperative

Check that drive wheels are engaged fully and are not in free-wheel mode.
Check battery connection and charge condition. Green light should be on.
Ensure all connector pins on the body plug are properly inserted.
Check motor brushes for wear and replace if necessary
Inspect drive hubs for wear and replace if necessary
If problem persists, contact your local service dealer.

Note: If Kaddy tends to go in circles and drive wheels are fully engaged, a shear pin or a drive gear key may have broken. If this is the case, the drive wheel will turn easily when rotated by hand. Either or both can be replaced by your local service dealer.

No speed control

Ensure control handle plug is fully inserted into Kaddy connector.
Inspect handle plug and body plug for broken or bent pins.
Check for loose wire from body plug to motherboard.
Check for damage to Control Panel membrane switch.
If problem persists, contact your local service dealer.

Low power or low top speed.

Check front wheel bearings and ensure the front wheel is turning freely.
Check battery connection and charge condition. Green or yellow light should be on. (Run motor for a minimum of five seconds).
Ensure drive wheels are not restricted and that motor mount screws are secure.
Check motor brushes for wear and replace if necessary
Ensure Kaddy is not overloaded.
If problem persists, contact your local service dealer.

Cannot complete 18 holes on one battery charge.

Ensure battery charger is working properly and charge indicator indicates a full charge.
Inspect battery and connecting cables for physical damage.
Ensure front wheel is turning freely.
Ensure drive wheels are not being impeded and that motor mount screws are secure.
If problem persists, contact your local service dealer.

Kaddy pulls left or right.

Ensure golf bag is centered on top and bottom cradles.
Ensure front wheel assembly is inserted correctly and not damaged.
Ensure drive wheels are not being impeded and that motor mount screws are secure.
Inspect front wheel bushings and replace if necessary.
See *Kaddy pulls to left or right* in maintenance section page 13
If problem persists, contact your local service dealer.

Handle controls are inoperative.

Ensure all connector pins in the control handle plug are not broken, bent or pushed in.

Ensure all connector pins on the body plug are properly inserted.

Ensure control handle plug is fully inserted into Kaddy connector.

Ensure battery is connected.

Check for loose wires from the body harness plug to the motherboard

Inspect for physical damage to the control panel membrane. Replace if necessary.

If problem persists, contact your local service dealer.

Remote control does not work.

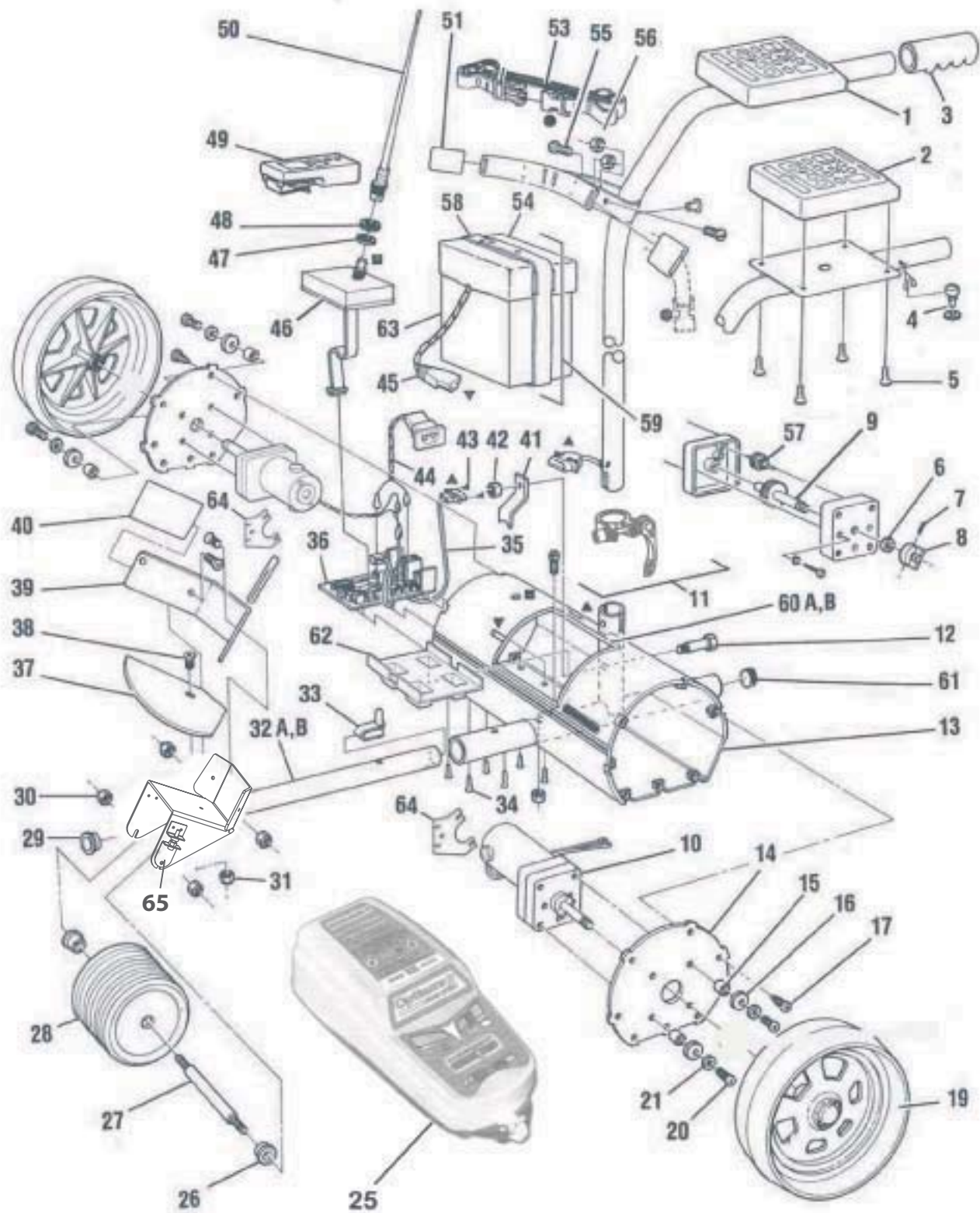
Check 9 volt battery in hand held transmitter.

Ensure antenna is installed correctly.

Perform Transmitter and Receiver test as described on page 11.

If only some functions are inoperative e.g right turn only, then both the transmitter and the receiver should be returned to the factory for repair.

For detailed information on the Remote Control functions, refer to the **Quick Start** manual supplied with your Kaddy.



Reference No.	Part No.	Description	Qty. Reqd.
1	9165	HANDLE WIRED ASSEMBLY	1
2	9469	KEYPAD ASSEMBLY C/W CIRCUIT BOARD	1
3	3014	HANDLE GRIP	1
4	7008	MANUAL PUSH BUTTON	1
5	0085	DATA PANEL SCREW	4
6	3009	NYLON SPACER (MOTOR)	2
7	0084	SPIRAL PIN (MOTOR)	2
8	1069	ALUMINUM DRIVE HUB	2
9	7044	MOTOR SHAFT ASSEMBLY	1
10	8011	MOTOR ASSEMBLY (INCLUDES #6 THRU #9 & #64)	2
11	1080	QUICK RELEASE CLAMP	1
12	1002	SHOULDER BOLT	1
13	9435	BODY SHELL (PAINTED COMPLETE WITH LOGO & STRIPE	1
14	9047	END PLATE ASSEMBLY (INCLUDES #15, #16)	2
15	0018	ALUMINUM TUBE SPACER	8
16	3021	MOTOR GROMMET	8
17	0006	SELF TAPPING SCREW	14
19	9067	DRIVE WHEEL (INCLUDES 18)	2
20	0020	MOTOR SCREW	8
21	0029	FLAT WASHER	8
25	9391	BATTERY CHARGER (100 -240 volt)	1
26	3013	BRONZE BUSHING	2
27	1006	FRONT WHEEL AXLE	1
28	8053	FRONT WHEEL	1
29	3028	FRONT END CAP	1
30	0002	NYLON INSERT NUT	2
31	0002	NYLON INSERT NUT	3
32A	9029	COMPL. FRONT WHEEL ASSY(INCL. #26 THRU #33 & #37 THRU #40)	1
32B	9023	FRONT WHEEL BRACKET	1
33	1007	SPRING LATCH	1
34	3026	PCB STANDOFF	6
35	2071	15 PIN BODY HARNESS	1
36	9449	MOTHERBOARD ASSEMBLY	1
37	9025	WEIGHT PLATE	1
38	0012	FLAT HEAD SCREW	3
39	1015	LOWER BAG BRACKET	1
40	3016	PLASTIC TUBE SLEEVE	2
41	1004	BATTERY BRACKET	1
42	0005	LOCKNUT	1
43	0024	RIVET	2
44	2093	POLARIZED POWER CABLE	1
45	2049	POLARIZED BATTERY CABLE	1
46	92013	RECEIVER ASSEMBLY	1
47	0036	INTERNAL LOCK WASHER	1
48	0035	ANTENNA NUT	1
49	92021	TRANSMITTER ASSEMBLY	1
50	9405	ANTENNA	1
51	3008	BAG BRACKET SLEEVE	2
53	3005	COMPLETE STRAP ASSEMBLY WITH BUCKLE	1
54	3145	BATTERY COVER	1
55	0001	SUPPORT BRACKET SCREW	2
56	0002	NYLON INSERT NUT	2
57	1037	BRONZE GEAR .40"	1
58	2999	BATTERY STRAP	1
59	8035	COMPLETE BATTERY ASSEMBLY (INCLUDES 45, 54, & 58)	1
60A	3318	BATTERY TRIM 8"	2
60B	3019	BATTERY TRIM 6"	2
61	3015	ANTI - TIP PLUG	1
62	3146	BATTERY SUPPORT	1
63	8038	BATTERY (WITHOUT COVER,STRAP OR CABLE)	1
64	8015	MOTOR FILTERS	2
65	1086	TRACKING ADJUSTER SET INCLUDES:-	2
	1081	UPPER BRACKET WELD ASSY	2
	1084	LOWER BRACKET	2
	0106	SCREW 10-24	2
	0107	NUT 10-24 BLACK	2
	0024	RIVET	4

