

*User's Guide for*  
**Motorized Pool Lounger**

# EXCALIBUR

ELECTRONICS, INC.



Model No. PR10



[www.ExcaliburElectronics.com](http://www.ExcaliburElectronics.com)

**C**ongratulations on your purchase of the Motorized Pool Lounger from Excalibur Electronics, Inc. You and your friends will enjoy hours of outdoor fun with this innovative product. Your Motorized Pool Lounger contains two propellers which enable you to turn in all directions.

Your Motorized Pool Lounger is easy to use, but be sure to use it safely. Before starting, please read this manual thoroughly, especially noting the safety and care. Keep this manual for reference.

Your Motorized Pool Lounger requires some assembly. This package includes one pool lounger. For each side of the pool lounger, it includes a battery compartment, a battery cover and handle, a control arm, a control arm sleeve, an electrical connection shaft, a lug nut, a motor assembly that encloses the propeller. Additionally, a bag of bolts, o-rings, metal washers, rubber washers and a lug nut wrench, a restoration kit, an instructional DVD and its user's guide are included to facilitate assembly. These are illustrated in Figures one through ten on pages four and five.



The legendary King Arthur brandished a magic sword, Excalibur, from which we take our company name. With this unique weapon in his hands, he could not be vanquished.

Although Excalibur Electronics can't claim the magical secrets of Merlin, King Arthur's court wizard, sometimes our patented technology may make it seem as if we could.

We make you think.

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# What's Included



**Figure 1: Motorized Pool Lounger**



**Figure 2: Nuts, Bolts, Washers  
O-Rings and Restoration Kit**



**Figure 3: Battery Compartment**



**Figure 4: Battery Cover  
& Handle**



**Figure 5: Control Arm Sleeve**



**Figure 6 Control Arm**



**Figure 7: Electrical Connection Shaft**



**Figure 8: Motor Subassembly  
that Encloses the Propeller**



**Figure 9: Electric Air Pump  
with Nozzle Attachments**



**Figure 10: Lug Nut**



**Figure 11:  
User's Guide**



**Figure 12:  
Instructional DVD**

## How to Use

### *Setting up the Motorized Pool Lounger*

Your Motorized Pool Lounger requires some assembly. Please carefully follow these instructions. In addition, Excalibur has included an instructional DVD to help you assemble your Motorized Pool Lounger.

### *Inflation*



*Figure 13*

Use the electric air pump to inflate the Motorized Pool Lounger (included) as shown

in Figure 13. Be sure to read the instructions for the electric air pump on page 20.

Insert the medium-size valve into the electric air pump, as shown in Figure 14.



*Figure 14*

There are three points of inflation. It is generally best to start at the lounger's back-rest (as shown as 'A' in Figure 15) and then proceed forward in the following sequence, shown in Figures 15 and 16.



*Figure 15*

1. The armrests (shown as 'B' in Figure 15).
2. The body of the lounger (shown as 'C' in Figure 16).



*Figure 16*

Remove the valve cover, as shown in Figure 17.



*Figure 17*

Insert the electric air pump nozzle into the points of inflation and turn it on until that cavity is fully inflated, as shown in Figure 18.



*Figure 18*

After finishing with each section, be sure to securely close each valve cover.

## Assembly

Once the lounger has been inflated, repeat the following steps on both sides of your Motorized Pool Lounger. Be sure to assemble it on a raised surface to prevent the motor assembly from being damaged.

First, take out the wrench provided in the accessories kit as shown in Figure 19.



Figure 19

Use the wrench to unscrew the nut on the battery cover, as shown in Figure 20.



Figure 20

Next, assemble the battery cover with the nuts, bolts, and o-rings in place, as shown in Figure 21.



Figure 21

Place the nut onto the bolt and place them onto the battery compartment hole, as shown in Figure 22.



Figure 22

Place an o-ring on the end of the bolt, as shown in Figure 23.



Figure 23

Finish assembling the battery cover, as shown on Figure 24.



Figure 24

Match the direction of the “2” printed on the control arm and the battery compartment. Slide the control arm in through the bottom of the battery compartment, as shown in Figures 25 and 26.



Figure 25



Figure 26

Screw the large plastic hexagon nut onto the top of the battery compartment to secure the control arm in place, as shown in Figure 27.



Figure 27

Install six D-cell batteries (not included) in the battery compartment, making sure to match the polarity (+ and -) with the diagram inside the battery compartment, as shown in Figure 28.



Figure 28

Carefully align the battery compartment cover by matching the “3” printed on both the cover and the battery compartment, as shown in Figure 29.



Figure 29

Fasten the nuts with the wrench provided in the accessories kit. It is generally best to start at the two nuts directly across from the handle, then the two nuts on both sides of the handle, then the last remaining two, as shown in Figure 30.



Figure 30

Insert the electrical connection shaft into the motor subassembly that encloses the propeller, as shown in Figure 31.



Figure 31

Next, hold the lounge vertically as shown in Figure 32. This will make it easier to assemble.



Figure 32

Insert the control arm sleeve into the holes located on the armrest, as shown in Figure 33.



Figure 33

Insert the control arm through the top of the control arm sleeve. Insert the electrical connection shaft through the bottom of the control arm sleeve, as shown in Figure 34.



Figure 34

From the bottom of the lounge, you can see the “1” printed on both sides of the control arm and propeller, as shown in Figure 35.



Figure 35

Push up the electrical connection shaft to make sure it's tightly secured, as shown in Figure 36.



Figure 36

Repeat the same steps on the other side of your Motorized Pool Lounger, as shown in Figure 37.



Figure 37

After you've finished assembly the Motorized Pool Lounger, you can store the wrench on the right cup holder, as shown in Figure 38.



Figure 38

### ***Testing the Motorized Pool Lounger***

After completing all of the previous assembly steps, press the button on the handle to test the propeller, as shown in Figure 38.



Figure 38

### ***Using the Motorized Pool Lounger***

Your Motorized Pool Lounger is perfect for your backyard pool. Because it contains two propellers on either side, it enables you to move in all directions.



Figure 39

To move, press the buttons on both handles. These buttons will operate your propellers.

To drive forward, turn both handles so they are facing forward and press the buttons.

To drive in reverse, turn both handles so they are facing backward and press the buttons.

To turn right, turn either handle to the right. The angle of your turn will depend on how much you turn the handles to the right.

To turn left, turn either handle to the left. The angle of your turn will depend on how much you turn the handles to the left.

To move laterally towards the right, turn both handles right and press both buttons.

To move laterally towards the left, turn both handles left and press both buttons.

To turn in a circle, face one propeller forward and the other backward and press the buttons.

### ***Disassembly***

To disassemble your Motorized Pool Lounger, please follow these instructions.

First, unscrew the six hexagon screws from the battery cover. Remove the screws and the battery cover, as shown in Figure 40.



Figure 40

Remove the batteries, as shown in Figure 41.



Figure 41

Unscrew the hexagon nut on the top of the control sleeve, as shown in Figure 42.



Figure 42

Squeeze the fastener located below the hexagon nut to unfasten the battery com-

partment. Lift it off.

On the underside of the Motorized Pool Lounger, squeeze the holes on the base of the control arm sleeve, as shown in Figure 43. This will release the fasteners holding the control arm in place.



Figure 43

Once released, lift the control arm from the top of the control arm sleeve.

Remove the propeller and electrical connection shaft by sliding it out of the control arm sleeve, as shown in Figure 44.



Figure 44



Figure 45

### ***Repairing the Motorized Pool Lounger***

Remove the control arm sleeve from the Motorized Pool Lounger by lifting it out from the top.

Open the valve cover to deflate the Motorized Pool Lounger, starting with the larger cavities, as shown in Figure 45.

Rough surfaces may puncture the Motorized Pool Lounger. If the lounger gets punctured, use the glue and PVC from the restoration kit to repair the punctured surface.



Apply the glue on the damaged area and apply the supplementary PVC sheet.

Wait approximately one minute for the glue to dry after applying the PVC sheet before handling your Motorized Pool Lounger.

You should wait approximately 24 hours before using the Motorized Pool Lounger in your pool again.



*Figure 46*



## Warning

- Please read the User's Guide carefully before operating the product.
- Children under 14 years of age should not operate this product without parental supervision.
- This product is designed for pool use only. It may be used in ponds or small lakes only within the range of the user's comfortable ability to swim to shore provided that there are no strong currents, waves, or water crafts present which could create wakes. Do not use in any other body of water or salt water.
- This product is designed to hold one person not exceeding 250lbs/115kg.
- Keep hands, hair, and loose objects such as clothing away from the propeller.
- If an object becomes lodged in the propeller, make sure that this product is turned off before attempting to dislodge.
- Always inspect the pool area before use to ensure it is free of hazards and/or obstacles, such as pool toys and swimmers.
- Never ride into or over swimmers.
- Keep this product away from hot or sharp objects.
- Always use caution and common sense.
- Never jump or dive off this product.

## Special Care & Handling

- Avoid rough handling such as bumping or dropping.
- Avoid extreme temperatures. For best results use between the temperatures of 39° F and 120° F (4° C and 38° C).
- Clean using only a slightly damp cloth. Do not use cleaners with chemical agents.

**THE MOTORIZED POOL LOUNGER IS  
NEITHER A PERSONAL-FLOTATION NOR A  
LIFE-SAVING DEVICE. ALL USERS SHOULD  
KNOW HOW TO SWIM.**

## Battery Information

- Your Motorized Pool Lounger uses six D batteries, not included.
- Do not mix alkaline, standard (carbon-zinc) or rechargeable nickel-cadmium) batteries.
- Do not mix old and new batteries.
- Do not use rechargeable batteries.
- Remove exhausted batteries from the unit.
- Do not short circuit battery terminals.
- Remove batteries and store them in a cool, dry place when not in use.
- To avoid explosion or leakage, do not dispose of batteries in a fire or attempt to recharge alkaline or other non-rechargeable batteries.

*This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.*

*NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:*

- *Reorient or relocate the receiving antenna.*
- *Increase the separation between the equipment and receiver.*
- *Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.*
- *Consult the dealer or an experienced radio/TV technician for help.*

# How to Use the Electric Air Pump

The electric air pump is a high-volume, low-pressure pump, as shown in Figure 47. This is intended to inflate or deflate items, such as your Motorized Pool Lounger and air mattresses. To use your electric air pump, please follow these instructions.

## To Inflate

Turn the **ON/OFF** switch to **OFF**.

Plug the electrical cord into a wall socket.

Insert the correct adapter size onto the nozzle of the electric air pump. If you are using it for the Motorized Pool Lounger, you will need to use the medium size adapter.

Insert the tip of the adapter into the valve of the inflat-



Figure 47

able item and switch **ON** to begin inflation.

While inflating, be sure not to obstruct the valve. This may cause the pump to overheat.

When inflating large items, such as a king-size air mattress, the pump should fit directly into the valve of the inflatable item for fast inflation. Use the appropriate adapter for smaller valves.

## To Deflate

To deflate an inflatable item, open the valves of the inflated item. You can either allow it to deflate on its own. If you want to expedite the deflation process, follow these instructions.

Turn the **ON/OFF** switch to

**OFF**. Plug the electrical cord into a wall socket.

Insert the deflation port (located on the top of the electric air pump) into the valve of the inflatable item and switch **ON** to begin deflation.



Figure 48



Figure 49

## Special Care & Handling for the Electric Air Pump

- Avoid rough handling, such as bumping or dropping.
- Avoid moisture and extreme temperatures. For best results, use between the temperatures of 39° F and 100° F (4° C and 38° C).
- Clean using only a slightly damp cloth. Do not use cleaners with chemical agents.

## *Warning for Electric Air Pump*

- This appliance has a polarized plug (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to fit into a polarized outlet only one way. If the plug does not fit fully into the outlet, reverse the plug. If it still does not fit, consult an appliance repair-person. Do not attempt to force the plug into the wall outlet.
- To reduce the risk of electric shock, do not use if the power cord appears damaged.
- Never over-inflate an item. The pressure may cause the item to burst.
- Do not leave the pump unintended while it's turned on.
- Do not use the pump in wet conditions.
- Do not face the ports of the pump towards your face, especially your eyes.
- Do not insert fingers or other objects into the ports of the pump at any time.
- Do not place the pump on the ground when turned it. It could suck in rocks and other small objects. This will break the pump.
- Do not use this fan with any solid-state speed control device.
- Do not leave the pump on for an extended period of time. This may burn out the motor.
- Keep out of reach of children.

## Limited 90-Day Warranty

EXCALIBUR ELECTRONICS, INC., warrants to the original consumer that its products are free from any electrical or mechanical defects for a period of 90 DAYS from the date of purchase. If any such defect is discovered within the warranty period, EXCALIBUR ELECTRONICS, INC., will repair or replace the unit free of charge upon receipt of the unit, shipped postage prepaid and insured to the factory address shown at right.

The warranty covers normal consumer use and does not cover damage that occurs in shipment or failure that results from alterations, accident, misuse, abuse, neglect, wear and tear, inadequate maintenance, commercial use, or unreasonable use of the unit. Removal of the top panel voids all warranties. This warranty does not cover cost of repairs made or attempted outside of the factory.

Any applicable implied warranties, including warranties of merchantability and fitness, are hereby limited to 90 DAYS from the date of purchase. Consequential or incidental damages resulting from a breach of any applicable express or implied warranties are hereby excluded. Some states do not allow limitations

on the duration of implied warranties and do not allow exclusion of incidental or consequential damages, so the above limitations and exclusions in these instances may not apply. The only authorized service center in the United States is:

**Excalibur Electronics, Inc.**  
**13755 SW 119th Ave**  
**Miami, Florida 33186 U.S.A.**

**Phone: 305.477.8080**  
**Fax: 305.477.9516**

**[www.ExcaliburElectronics.com](http://www.ExcaliburElectronics.com)**

Ship the unit carefully packed, preferably in the original carton, and send it prepaid, and adequately insured. Include a letter, detailing the complaint and including your daytime telephone number, inside the shipping carton.

If your warranty has expired and you want an estimated fee for service, write to the above address, specifying the model and the problem.

PLEASE DO NOT SEND  
YOUR UNIT WITHOUT  
RECEIVING AN ESTIMATE FOR  
SERVICING. WE CANNOT  
STORE YOUR UNIT!

**Play games live at: [www.ExcaliburElectronics.com](http://www.ExcaliburElectronics.com)**

# EXCALIBUR ELECTRONICS

EXCALIBUR ELECTRONICS, INC.  
13755 SW 119TH AVENUE,  
MIAMI, FLORIDA 33186 U.S.A.

WE MAKE YOU THINK

**Phone: 305.477.8080**  
**Fax: 305.477.9616**

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[www.ExcaliburElectronics.com](http://www.ExcaliburElectronics.com)

