

WheelchairFX

Thank you for Purchasing your New WheelchairFX Lighting System.
WheelchairFX recommends having your local Home Medical Equipment Service Tech Install your new system for the maximum life of the components. If you are feeling up to the challenge, please follow these guidelines:

1. Unpack the contents of your kit onto a table near your chair. (Do not place components on the floor as someone will step or kneel on the lights and this is not good for them)
2. Disconnect the positive and negative wires from the battery(ies) on your chair.
3. Separate the components into groups –A. Arm light strips, B. chair back strips, C. down lighting strips , D. Control box, in line fuse and remote.
4. Have some basic tools at hand to include screw driver, wire cutters, electrical tape, alcohol with cotton balls or alcohol wipes.
5. Find a flat surface on the bottom of your chair's seat which is a hard surface preferably towards the back and middle of seat bottom. Wipe the surface with the alcohol wipe and allow to dry. Remove the paper cover to expose the sticky tape on the back of the control box and mount on flat surface that you cleaned with the connection ports facing the back of the chair for easy access. **Or**, place control box in armrest bag and wire to it.
6. Do the same with the lights on the seat bottom. Identify the best 2 locations, wipe with alcohol, dry, remove sticky tape covers and mount the strip pointing down towards floor. Carefully route the wires back towards the control box in the most effective way so that you do not leave wires hanging loose. Cable ties or small ties can be used to secure them to the chair frame.
7. Do the same with the arm rest light strips. Identify the best spot on the armrest to mount the strips – the ideal spot would be on the support arm under any cushioning. This keeps them from getting scraped in door ways. If you must mount on the cushion please do as low as possible. Wipe mounting surface with alcohol pad, dry, remove sticky tape cover and position the lighting strip with the wire leads towards the back of the chair. Carefully route the wires so that they do not interfere with the armrest motion up and down. Use ties to secure excess wire.
8. Do the same for the Chair back light strips. Select a location on the back of the chair, preferably a frame component below seat back, wipe with alcohol, dry, remove sticky tape cover and mount so that the wires terminate on the side closest to location where box is mounted. Use ties to secure excess wire.
9. Begin to connect the two wire leads for each light strip into the control box one at a time. Use a system so that the red and black leads for each wire are connected next to each other in the control box. Keeping the connections organized is important to a proper install.
10. Take the power leads red (+) and black (-) (wires with in line fuse) exiting the control box and mount to the (+) and (-) terminals on your chair battery. **ABSOLUTELY** be sure to go black to black, red to red. Turn your chair on and check that everything is operating as normal.

11. If the chair is operating normally, press the on button on the remote and your new lights should be up and running. Have a great time with your new WheelchairFX Lighting System at parties, school, parades, work – everywhere you go!