

## Golf Game - Electronic

Boys love golf. This putting game has electric buzzers and lights over the doors to indicate a score. Score as: center (smallest door) = hole in one! (10 pts); next larger door = par (5 pts); largest door = on the green (1 pt).

### Materials:

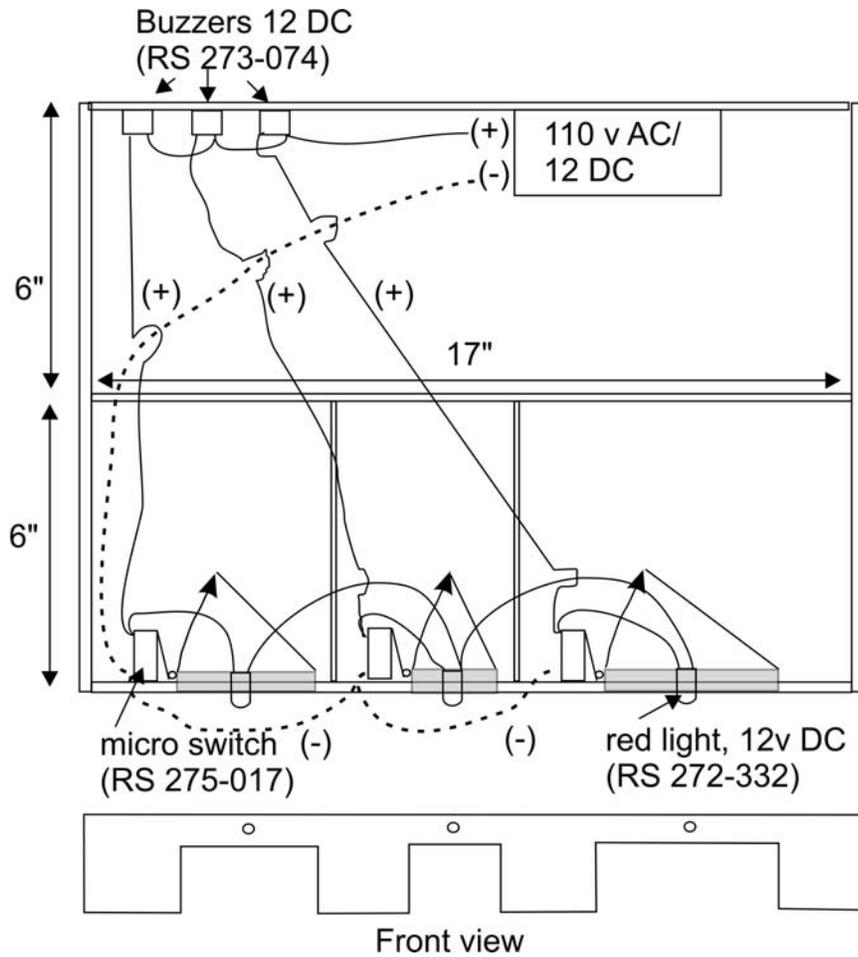
1. Two 17" x 1" x 4" spruce/pine (for front and rear sides).
2. One 3/8" plywood, 3 1/2" x 16 1/4" for long interior partition.
3. Two 3/8" plywood, 3 1/2" x 12" for sides.
4. Two 3/8" plywood, 3 1/2" x 5 1/2" for interior partitions.
5. One 3/8" plywood, 12" x 17" for lid.
6. Two 2" hinges for lid.
7. One 110v AC/12v DC converter (RS 11328849) (RS ##### = Radio Shack part #).
8. Three micro switches (RS 275-017).
9. Three buzzers 12v DC, (RS 273-074).
10. Three red lights, 12v DC (RS 272-332).
11. Six small hinges (1/2") for golf doors.
12. Glue, nails, screws, misc. wire (17 gauge).
13. Old putter, plastic practice golf ball (with holes).



### Assembly:

1. Cut materials as per list above and per diagram.
2. Assemble wood frame (note that there is no bottom, the unit rests flat on the floor).
3. Assemble power supply, lights, micro switches and buzzers as per the diagram.
4. Adjust tension on micro switch by moving it a little, so the door can be knocked open pretty easily, but it will stay closed if the ball hits the wall next to the door (you need to test this when you are installing the micro switches).
5. Paint as desired.

This game works well on any surface, but short pile carpet is best. Be sure to have the boys practice putting across the room before you play the game. Some boys have hit the ball so hard it broke the door hinges. A plastic practice golf ball (with holes) works well because the boys can't break much with it. For younger boys, have them putt about 6 - 8 ft., for older boys, have them putt from 12 - 15 ft. away.



Box construction and wiring diagram. Upper: top view showing wiring and interior partitions. Lower: front view showing doors and red lights. Doors are 3" (5 pts.), 2" (10 pts.) and 4" (1 point). (RS ##### = Radio Shack part #).

