

## A word about Pluto...

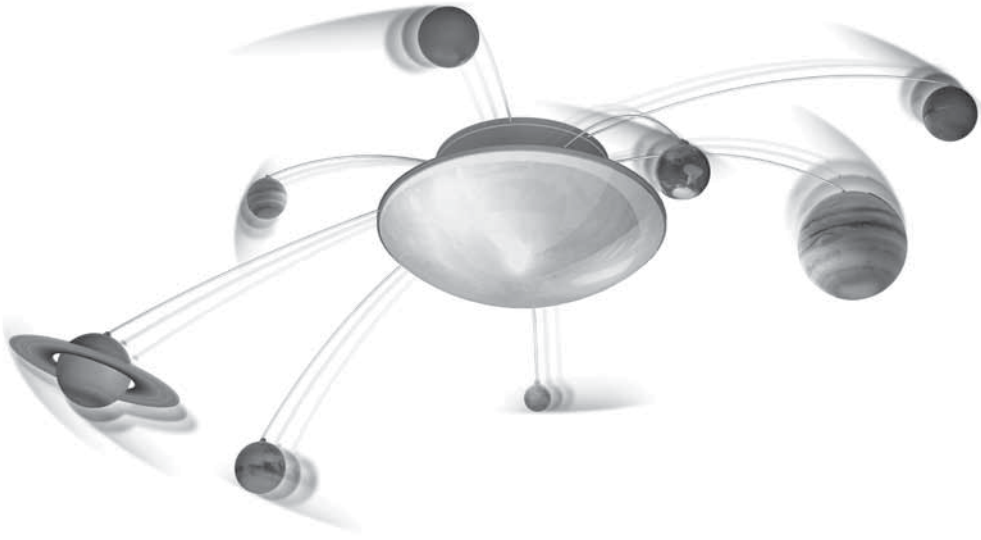
Since it was discovered in 1930, Pluto has been considered the ninth planet of our solar system. In 2006, at a large gathering of astronomers from around the world, it was agreed that objects in our solar system should be divided into three main categories: planets, dwarf planets, and small solar system bodies.

A planet orbits only the Sun and nothing else; it is massive enough that its gravity makes it spherical; and its gravity is strong enough to keep the path of its orbit clear of other objects. There are officially eight planets in our solar system.

A dwarf planet also orbits the Sun and is spherical, but its gravity is not strong enough to clear its orbital path of other objects. There are officially at least three dwarf planets in our solar system.

A small solar system body is not massive enough to have gravity that can make it spherical, so its shape is irregular. Asteroids, comets and moons are in this category. There are many small solar system bodies.

Therefore, with these new definitions of objects in our solar system, Pluto is no longer considered a planet. It is officially a dwarf planet (along with two others, Ceres and Eris).



# **SOLAR SYSTEM IN MY ROOM™**

*Motorized Planets with Light-up Sun*



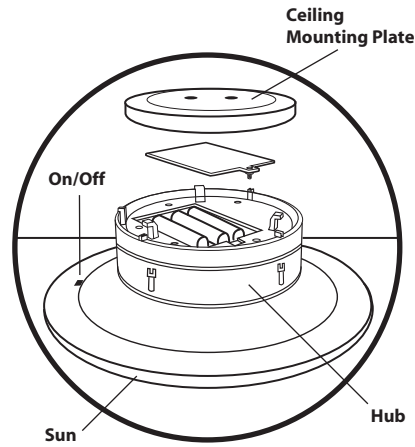
## **WARNING:**

**CHOKING HAZARD - Small parts/small ball(s).**  
Not for children under 3 years.

## Installing Batteries





Tool required - Small Phillips-head screwdriver 

1. Use a Phillips-head screwdriver to remove the battery door.
2. Insert 3 "AA" batteries. Make sure the "+" and "-" ends are inserted correctly, as indicated in the battery compartment.
3. Replace cover.
4. IMPORTANT! Switch the Solar System In My Room hub "ON." PLEASE NOTE: The unit will not activate at this point. Your Solar System In My Room is only activated by using the Remote Control.







## LOWER ROTATION RING

## MOBILE ASSEMBLY

PLANET	WIRE LENGTH
Mercury	
Venus	
Earth	
Mars	

## UPPER ROTATION RING

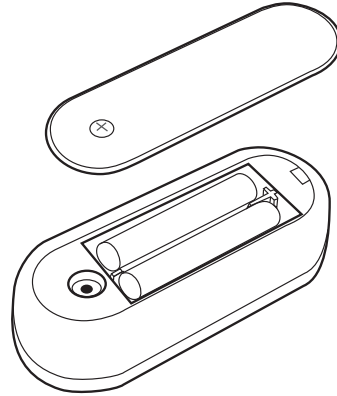
## MOBILE ASSEMBLY

PLANET	WIRE LENGTH
Jupiter	
Saturn	
Uranus	
Neptune	

## Installing batteries into the remote control

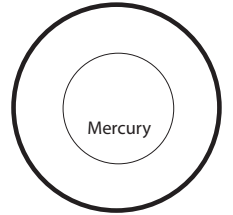
Tool required - Small Phillips head screwdriver 

1. Use a Phillips head screwdriver to remove the battery door.
2. Insert 2 "AAA" batteries. Make sure the "+" and "-" ends are inserted correctly, as indicated in the battery compartment.
3. Replace cover.

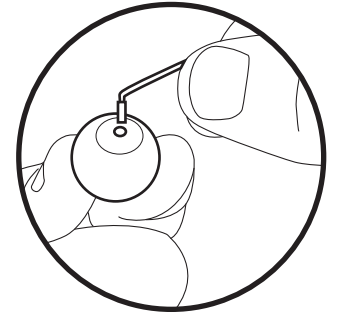


## Assembling Solar System In My Room

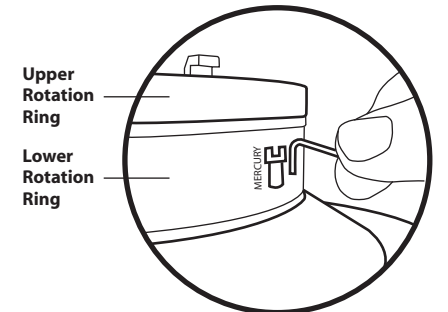
NOTE: FOR EASE OF ASSEMBLY, PLANET NAMES ARE SHOWN ON THE BOTTOM OF EACH PLANET.



1. Starting with the shortest wire, attach the planet Mercury by inserting the wire into the insertion hole.

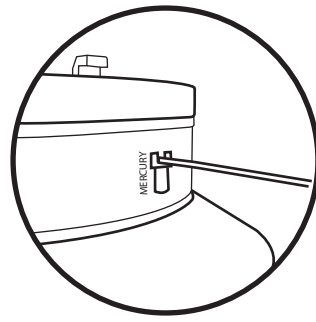


NOTE: THERE ARE TWO ROTATION RINGS ON THE HUB. THE LOWER RING HAS SLOTS FOR CONNECTING THE FOUR INNER PLANETS. THE UPPER RING HAS SLOTS FOR CONNECTING THE FOUR OUTER PLANETS.



2. Connect Mercury's wire to the Lower Rotation Ring by inserting the end of the wire, tip point down.

3. Continuing with Venus and ending with Neptune, insert the remaining seven planets by repeating steps 1 and 2.



## Mounting to Ceiling

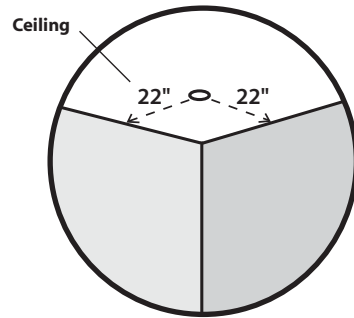
Tools required - Drill, 7/16" drill bit, small screwdriver

NOTE: THIS STEP SHOULD BE DONE BY AN ADULT.

NOTE: THE MOBILE IS ONLY INTENDED TO BE INSTALLED TO A HORIZONTAL DRYWALL CEILING. BECAUSE OF VARIATIONS BETWEEN BUILDING MATERIALS AND CONSTRUCTION METHODS, THE INCLUDED MOUNTING HARDWARE MAY NOT BE SUITABLE FOR ALL INSTALLATIONS.

1. Determine the hanging location.

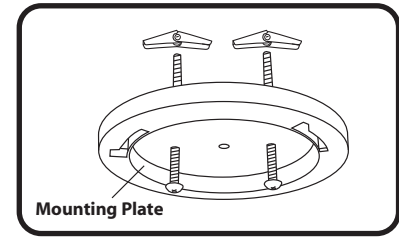
IMPORTANT! Make sure there is a minimum of 22 inches of clearance on all sides, measuring from the mount point. The mobile needs this clearance to allow unobstructed rotation of the planets.



2. Using the mounting plate as a template, place the mounting plate against the ceiling with the side marked "THIS SIDE DOWN" facing you. Using a pencil, mark the two outer holes.

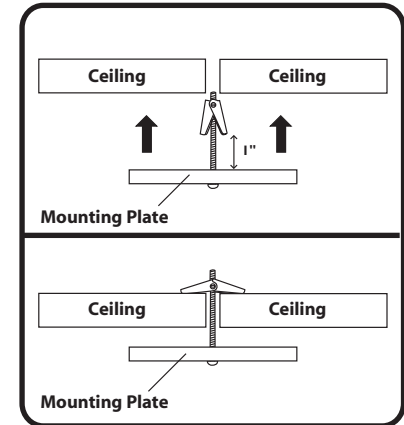
3. With the markings you have made, drill two 7/16 inch holes all the way through the dry wall.

4. Insert the two bolts through the side labeled "THIS SIDE DOWN." Then, screw on the butterfly anchors. IMPORTANT: ALLOW AT LEAST 1 inch BETWEEN THE BUTTERFLY ANCHOR AND THE MOUNTING PLATE. This will allow the butterfly anchor's wings to open when passed through the drywall ceiling.



5. Insert screws through ceiling with butterfly anchors folded.

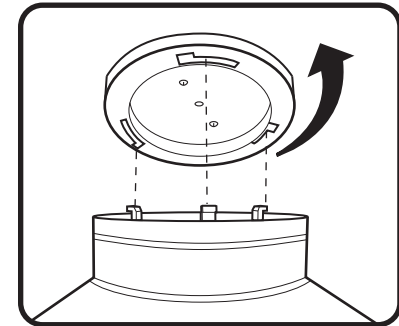
6. Gently maintain a downward pressure on solar system ceiling plate while screwing bolts clockwise until plate is firmly snug and level against ceiling. Do not over tighten.



7. Guide the three legs on the top of the hub into the corresponding holes on the solar system mounting plate.

8. Rotate the hub clockwise 30 degrees until you feel it click into place.

9. The remote control works best with line of site toward the Sun.

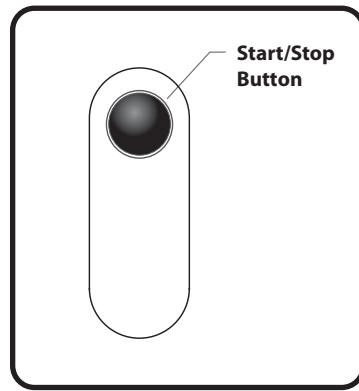


## Using Solar System In My Room

IMPORTANT: BEFORE OPERATING, BE SURE ON/OFF SWITCH ON THE HUB IS TURNED TO THE "ON" POSITION.

### 1. Remote control function

- a. For best results make sure the room lights are off and there is only a very low level of light.
  - b. Using the remote control, point at Solar System In My Room and press the start/stop button. The Sun will illuminate.
  - c. Press the start/stop button again and the planets will begin to orbit the lit Sun.
  - d. Press the start/stop button again to shut off all power to Solar System In My Room.
2. To take a journey through solar system, play your downloaded audio tour while Solar System In My Room is turned on.
  3. If you choose, you may leave Solar System In My Room on. It will automatically shut off after 10 minutes.



### BATTERY SAFETY INFORMATION

- Non-rechargeable batteries are not to be recharged.
- Rechargeable batteries are only to be charged under adult supervision.
- Rechargeable batteries are to be removed from the toy before being charged.
- Different types of batteries or new and used batteries are not to be mixed.
- Batteries are to be inserted with the correct polarity.
- Exhausted batteries are to be removed from the toy.
- The supply terminals are not to be short-circuited.

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 protection against harmful 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.

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.

Conforms to safety requirements of ASTM F963

Not suitable for children under 3 years due to small parts and small balls

Caution: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE — DO NOT DISCARD**

Questions? Visit [unclemilton.com](http://unclemilton.com)

**Uncle  
Milton**

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