Kinetic sculptures designed by: David C. Roy
To Mount on Wall
- DO NOT remove the tape holding the strings in place.
- Hold the mounting template in the desired location against a wall. Level the bottom edge.
- Place a sharp instrument through the 3 screw holes, marking their positions on the wall.
- Drill pilot holes. If the wall is sheetrock or plaster use plastic anchors.
- Screw the sculpture to the wall using only the 2 lower mounting holes.
- Slide the color ring behind the pattern wheels and the base on the left hand side of the sculpture.
- Center the ring behind the wheels with the notch in the ring spanning the base.
- Screw the upper part of the sculpture and the color ring into place with the remaining screw.

To Wind:
- Gently turn the large double pulley wheel until the small hook guiding wheel is at about 12 o'clock. (Push the hook out of the way if necessary)
- Turn the winding wheel 20 turns clockwise.
- Hook the small hook on one of the brass pins in the small pin wheel.
- Caution: This hook must be hooked on a pin or the mechanism will unwind very rapidly and possibly be damaged.

To Start:
- Gently pull down on the right hand weight until it will go no further.
- Release the weight.

Continued on reverse
If the strings become tangled:

The correct location of the strings:
- There are 2 strings that transfer motion in this mechanism, one should be in the rear slot of the large pulley wheel and one in the forward slot. They both leave their slots from the left hand side of the wheel at about 9 o'clock.
- The rear string goes up and over the pulley behind the patterning wheel, down between the two lower left hand shafts, under the heavy weight and is tied up to the left most shaft.
- The forward string goes down and under the pulley on the light weight and is tied to the right hand shaft.

How to re-string Crystal:
- Make sure the drive spring is unwound.
- Remove the weights and untangle the strings. Make sure they follow the path described above. Put the left hand weight back in place first on the rear string and allow it to take up the slack. With the weight in place the rear string should leave the slot at about 11 o'clock with none remaining in the slot.
- The right hand string should now be forming a small loop with about three quarters of its string in the front slot, entering at 9 o'clock, wrapping up and around the wheel to 6 o'clock. Put the right weight in place.
- If necessary the black drive belt can be removed to help placing the strings.

Before moving:
If you need to move the sculpture, be sure to tape the strings in place before taking the sculpture off of the wall.