

TimeArt – Clock/Light, Instructions

Or, maximize the fun by getting to know your clock.

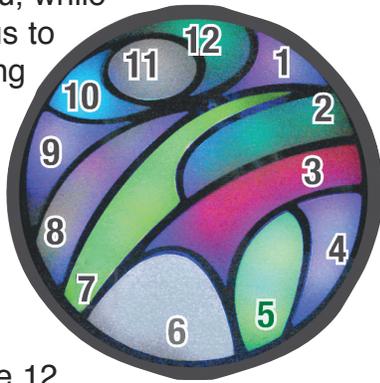
TimeArt is meant to be a delightful kinetic art piece that is also a clock. Enjoy!

How it Functions

What you will notice first is how every 10 seconds TimeArt's shapes will slowly morph to a new set of colors. The microprocessor selects a new random pattern (over 4 million combinations) once every 10 seconds – great fun to watch. Hidden in the beauty, TimeArt also displays the time.

Reading the Time

One of the delights of ChronoArt clocks is that after a few days, reading it will become second nature to you, while remaining mysterious to others. The first thing to notice is there are 12 shapes and each come to the edge of the clock at a position similar to a normal clock with hands. Next notice that two of the 12 shapes are not changing color every 10 seconds, the red-orange one is the hour, and the whitish one is like the fives of minutes hand on a normal clock. In the picture the red one is in the 3 o'clock position. The whitish one is at the bottom 30 minute position. So the time is 3:30, but there is even more information. Note the quantity of green shapes – two are green, so it is 3:32. Which two are green changes every 10 seconds — adding to the fun. Next you might ask, "What happens at 6:30 when both the hour and the 5's of minutes are using the same shape?" – it pulses red-white-red-white – like a beating heart – more fun.



Setting the Time

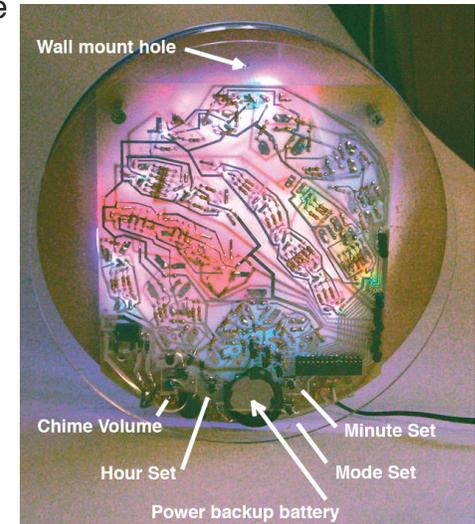
First a little information. There are three switches on the back of the clock. Near each switch on the circuit board are the words,

Hour, Minute, and Mode. The left switch is the Hour Set. Just to the right of the battery, the upper switch, is the Minute Set switch. With each minute advance the seconds are set to zero. So setting the last minute at 59 seconds will make the hourly chime precise. You advance the time by holding down a switch, but, and there is a "but."

An apology. Setting the time is a little trickier than it should be. The problem is that the microprocessor is too slow to display the time as you advance it.

So you have to count flashes, or blinks. To understand what I am talking about try this. Hold down the Hour Set Switch and note a little blink that occurs once per second (if you have the volume turned up on the chime then you will also hear a click sound). With each blink the clock advanced one hour. When you release the switch, the computer will calculate what to display and 1-2 seconds later show you the results. The clock will display the hour you advanced to. So if you started at 3 o'clock and you counted 4 blinks it will now be at 7 o'clock. The minutes work the same way. For example, if you started at 18 minutes and you counted 12 blinks you would now be at 30 minutes.

One piece of helpful information for those of you who like to know more. If you hold down both the **Minutes** and the **Mode** switches each flash will **subtract** one minute.



The Hourly Chime

The clock has an hourly chime. It is a sweet,

non-intrusive, dinner bell sound. There is a volume control on the back. If you desire you may disable the chime sound by turning the volume all the way down. The shapes light up synchronized to the beat of the chime.

Time Keeping, Accuracy & the Battery

The clock is accurate within 2 seconds except when the power is OFF. There is a lithium coin cell battery, #2450, on the back of the clock. When the power is off it should be accurate to about one minute per year. TimeArt will keep time, no display, when the power is off. The battery should be changed every three years.

Care of the Case and/or Mirror

The metal case/ring is either polished aluminum or black anodized aluminum. No polishing is possible or necessary on the black case, just wipe off any fingerprints. But, the polished aluminum case will oxidize, and you may want to polish it once every couple of years. Use magnesium-aluminum hub cap polish. You can polish out some pretty bad scratches with a little elbow grease. If your clock has a mirror face be very careful with it. It is very easy to scratch. To clean off fingerprints use only soft cotton and Pledge and be **very, very** gentle.

The Other Mode – No Time and More Colors.

The switch just below the Minute switch is the Mode switch. There is one other Mode of operation. Hold down the mode switch and release it as soon as you see one blink. In this mode there is no time displayed. It is more colorful because none of the shapes are whitish (no 5's of minutes) and there can be more than one red (no hour display). The chime, and the chime display works the same. I tend to prefer this mode since I really do not need another clock in my living room but love watching this clock.

If you advance the Mode once more you will be back to the time being displayed.

Wall Mounting & Switching Off the TimeArt Light

There is a hole in the back for hanging the clock. The electricity can be switched on/off to turn off TimeArt's light. When the power is off, accurate time keeping is continued with batteries and a crystal. With the power off the battery will run down in about 10 months.

Trouble or Running Fast? Resetting the Clock.

If the clock face goes blank (no light on) or runs fast – clock thinks it is in Europe on vacation :-)), or fails to work properly in some other way, try the following:

First try the simplest thing to do — just unplug it, wait a few seconds and plug it back in. If that does not fix the problem then proceed:

Unplug the clock from the wall. Remove the battery from the back. Now try plugging in the power again. If that doesn't fix it give me a call — Barry Gamble.

Keep the Shipping Box & Send in Registration Card

If I move I need to keep you informed. Or if I have updates to offer, I'll need your address. Keep the Shipping box and packing material for the first 90 days. Most failures happen soon and this will make your life easier if there is a problem. If you have a problem and can't find a good solution, call me.

Warranty & Repair

Your clock is guaranteed against defects, under normal use, for three years from the date of purchase. The warranty covers parts and labor only. All repairs are done at the factory. If you have any difficulty with the clock please write or call the factory at the number below.

A Personal Note

My name is Barry Gamble. I have been designing art clocks for 35 years. I love the creation process. My design goals are to delight, charm, and be fun. The product should be chic, sophisticated, make-a-statement, and make an adult giggle.

For close to a year I worked on the concept of a random color clock, but was getting nowhere on the look. I invited a great friend, **Wayne Husted** to work on the problem. He is responsible for the flowing pattern of shapes – a great look. The clock would not exist without his contribution – great design. If you search his name of the internet you will find he is quite well known, especially for art glass. His designs from Blenko in the 1950's are cherished by art glass collectors the world over.

I do my best to deliver a quality product, deliver promptly, and charge only a reasonable profit. Over the last ten years profit has been so modest that you can truly say, "these clocks are – labors of love."

Enjoy!

Barry Gamble

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