

TimeCapsule Instructions

Reading these instructions will increase your fun and enjoyment.

How to Activate & Tell the Time.

Touching both end caps at the same time for about a second activates the display. If the clock is powered from the AC line then touch is unnecessary since the display is already on.

Watch the display. You will usually see a quantity of lights pulse (brighten-dim), then another quantity pulse, then a third quantity pulse followed by an off time. The quantities lit during each pulse are the time. But there are variations.

Examples are better than words:

3 light, 2 light, 1 light, then off is	3:21
3 light, short off, the 1 light, then long off is	3:01
3 light, then long off is	3:00
3 light, 3 light, 3 light is (pulses of light)	3:33

At first it appears that with the higher numbers (8,9,10,etc.) would be hard to count but after a couple of days pattern recognition takes over and your brain just says to you, red(5) and yellow(4) is 9.

Pros & Cons of Using AC or Battery Power.

You may either operate from batteries or plug the TimeCapsule into the wall. The big advantage of plugging in is continuous display of the time. One advantage of batteries is the fun of picking the clock up and carrying it around or handing it to a friend. Some people prefer the pleasant surprise of seeing it light up on the hour with the hourly chime, then again with the half hour chime and even then again with the *soft whistle* every 10 minutes. For them the continuous display is not desired. Three batteries in the left end provide time keeping during power failures.

Batteries

There are 3 (+ one dummy) AA alkaline batteries for *time keeping* that should last 3-4 years. They are in the endcap near the 5 red LED end. **Important**, never remove the dummy battery and **alway** use these 3 *time keeping* batteries - **even** when the clock is plugged into the wall. To get the end cap off pull-straight & twist. The endcaps fit tight. The other end has the battery holder for 4 *display batteries*. If you AC power the clock these 4 batteries are not required and should be removed so they do not leak. **Important:** When changing the 3 *time keeping batteries*, always remove at least one display battery, have the clock unplugged from wall AC, and wait 30 seconds before putting in the

new time keeping batteries. This insures the microprocessor will get an orderly startup. Use only alkaline batteries.

Setting the Time

Before you start, read over, then have a glass of wine, read over again, and ponder if you are being overly compulsive in wanting the clock to have the correct time.

Touch-and-hold both end caps for a couple of seconds. If the display begins to count up, 1-2-3-4-etc. just hang-on and let go at 7. If not let go for a couple of seconds and touch and hold again; it will count up. Let go at 7. It will ding in celebration of another step down the road of life, announcing you are in the **TimeSetting** mode, and displays the hour for you to adjust.

If you want to change the hour touch-and-hold until it gets to the hour your heart desires. If you do not touch, in four-six seconds it will ding again, now displaying the 10's of minutes. Again, if you want to change touch-and-hold until it gets to the 10's-of-minutes you desire. Next, believe it or not, another-ding, and set, if you choose, the minutes. Then finally a **ding-dong** and you are out of the setting mode with a new time in your life.

For the most accurate setting you should know as you advance each minute the seconds are reset to zero. Also if you go too far when setting any digit, just hang on until it gets back around to the digit you want. Combine these two pieces of information, going round-an-round while advancing the minutes and you can set the clock fairly close to the approaching 00 seconds on the other clock you are watching.

How to Unlock Customizing.

To stop random touching, from children of all ages, adjusting the settings of your clock, a code number must be entered to access customizing. The number is **9**. Touch-and-hold both end caps for a couple of seconds. If the display begins to count up, 1-2-3-4-etc. just hang-on and let go at **9**. If not let go for a couple of seconds and touch and hold again; it will count up. Let go at nine. It will ding in celebration of you magic touch. If you do not touch again within 4-6 seconds customizing turns off. If you touch it within the 4-6 seconds it again will start sequencing up 1,2,3,4, etc. Wherever you stop something will be changed, be adjusted, or be adjustable. Most choices immediately change something and then hop out of the customizing mode. You have to re-enter customizing by going to 9 again to make another change. Below is a list of choices.

(OVER)

Customizing

TimeCapsule is designed to be changeable and controllable. By just touching and releasing the end caps you can set the time, turn features like the chimes and display ON/OFF, change the display, or enter the **mystery mode**.

Mode 1. All chimes and displays off, but time keeping continues. This mode is to conserve the display batteries when you go on vacation, or to make sure a guest sleeping in the same room is not disturbed. To reactivate the chimes and display just touch both end caps.

Mode 2. This mode is a simplified **add one hour** for daylight savings adjustment.

Mode 3. Jumps out of customizing, changing nothing.

Mode 4. This mode **subtracts one hour**.

Mode 5. Toggles the half hour chime ON/OFF. If you hear a ding you have just turned it ON. If you hear ding-dong, you have just turned it OFF.

Mode 6. Toggles the 10 minute soft whistle ON/OFF. If you are running the display off batteries this also turns off the 10 minute display to save battery power. Note: If you are plugged into the wall, and have this turned ON, when power returns from a power failure it will turn OFF.

Mode 7. Jumps out of customizing, changing nothing.

Mode 8. Toggles the hourly chime ON/OFF.

Mode 9. Continuous-Display OFF. This mode is for when you have it plugged into the wall but really don't want a continuously pulsing display. To turn ON unplug and replug in the clock from the wall AC outlet.

Mode 10. Toggles the speed of the display. Once you get used to the clock you may want it to read out the time faster. The time to cycle through all 3 digits will be about 2 seconds faster. The chimes will also be faster.

Mode 11. When operating off batteries, this mode increases the number of times the clock displays the time after being touched. It comes set at about 2 minutes. It can be 1, 2, 4, 8, 16 minutes. Each time you go to this mode it increases to the next step and the chime dings. When you try to increase past 16 minutes it goes ding-dong and resets to 1 minute. If you have mode 10 set to **fast** these times are shorter.

Mode 12. This is the **Mystery mode***. The clock is displaying the time; can you figure out how? Can your friends? More lights are on more of the time! Why? Hint: It is still displaying—hours, 10 minute, minutes.

Mode 0. This is the **RESET** mode. The microprocessor is restarted just as if it was powering up the first time. Chimes are on, the time is set to 1:29, display rate is slow, etc. It's how you received the clock but with the wrong time now.

*Reading further will tell you the mystery-mode. It's the number of light off, instead of on. 12 o'clock is especially interesting since none are lit for the first digit of the time.

The Chimes

There are 3 separate controllable sounds in your clock. The first, the hourly chime has a special count up display of the dots synchronized to the chime. The chime was design to be gentle and non-intrusive. Something you would notice if you cared but most of the time not even hear. If you are operating off batteries, after the chime, it will display the hour 4 times. The Hourly chime is affected by **Modes 1 & 8**.

On the half hour your clock will Ding-Dong. If you are running off batteries it will display the time 4 time. The half hour chime is affected by **Modes 1 & 5**.

Every 10 minutes the clock will *soft-whistle* and display the time 4 times. This mode was meant for when you are operating off batteries to give you a little more activity. It automatically turns off when you plug in the clock to AC power, or automatically turns on when you operate off batteries. **Mode 6** can override this automatic choice.

There is no volume control. You may be able to lower the volume by putting a piece of black electrical tape, partially or completely, over the sound escape hole located on the back of the tube near the middle.

Cleaning

The end caps are nickel plated highly polish brass. Magnesium or aluminum polish, like that used on auto hub caps works well. Remove the end caps for cleaning. They just pull off. The center tube is acrylic. Plastic cleaners work well.

Problems

If TimeCapsule does anything you don't understand try resetting the microprocessor either by using mode 0 of customizing or removing and re-installing the batteries as described in the battery section. If the touch activation does not seem to work try removing the end caps and touching the bronze contacts. If it works now, the bronze may be bent or the end cap was pushed on too far. If you see a partially lit LED light it is probable an indication that the time keeping batteries are too low. Replace.

Warranty & Repair

Your Chrono-Art TimeCapsule is guaranteed against defects, under normal use, for one year from the date of purchase. The warranty covers parts (excluding battery) and labor only.

ALL REPAIRS ARE HANDLED DIRECTLY BY THE FACTORY. If you have any difficulty please call or write to the factory. Include a description of the problem and the serial number located on the battery holder inside the clock. You will receive an immediate reply including shipping instructions.

CHRONO-ART

25 years of designing conversation piece clocks

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