

# **MY VCR. Redesign.**

**Problems I attempted to solve  
from the original VCR:**

- \* Lack of feedback**
- \* Organization of buttons**
- \* Presence of superfluous buttons**
- \* Confusing Labels**

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# CORE USER TASKS

Frequency

More

## 1. Insert and watch a tape

- \* Play
- \* Record
- \* Rewind
- \* Fast Forward
- \* Pause
- \* Stop
- \* Eject

## 2. Program a recording

- \* Channel
- \* Date
- \* Time Start
- \* Time End
- \* Speed tape
- \* Set program
- \* List of programmed recordings

## 3. Set the Time and date

- \* Time
- \* am-pm
- \* Date
- \* Set

## 4. Tune TV channels

- \* Select
- \* Forward
- \* Backwards
- \* Set channel

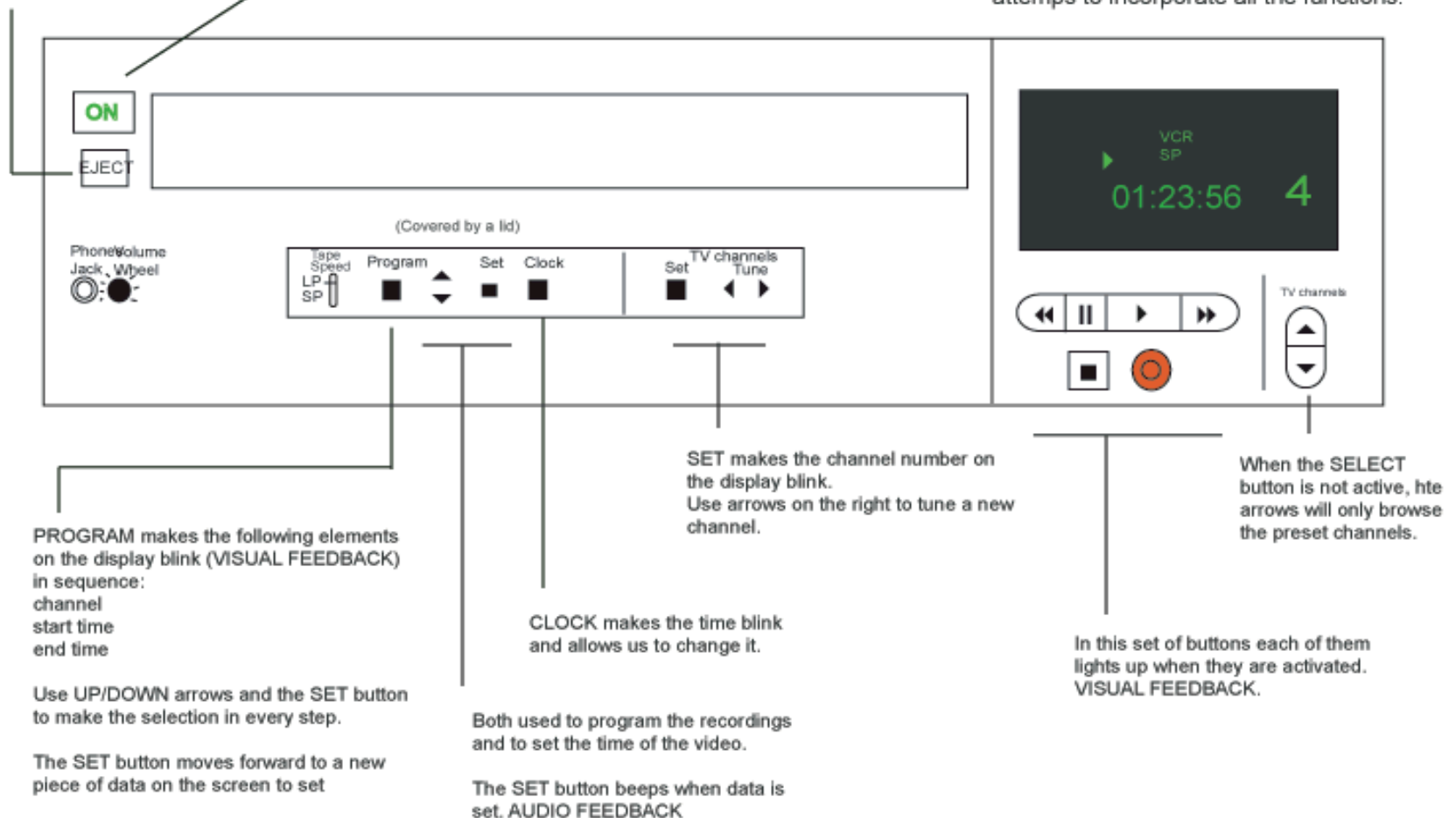
Less

## REDESIGN OF A VCR

The EJECT button pops out when a tape is inside.

The word ON lights up when the VCR is on. VISUAL FEEDBACK

This design doesn't count on the remote control nor the TV screen as a display. It attempts to incorporate all the functions.



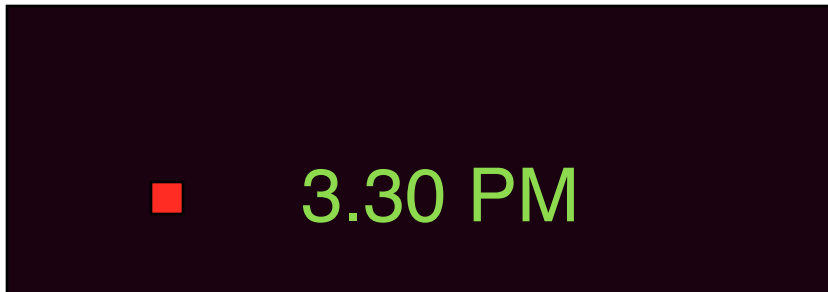
**VISIBILITY:** mostly used buttons visible and bigger  
less used buttons under a lid

**AFFORDANCES:** press (buttons)  
lift (buttons)  
turn (wheel)

**MAPPINGS:** cultural  
spatial

**FEEDBACK:** visual  
auditory  
continuous (tape in progress)  
kinetic (eject tape)

# DISPLAY MODES



VCR Off:

1. Time
2. Timer: only because the video is programmed



VCR On:

1. Time
2. Timer: the video is programmed
3. Tape inside
4. VCR mode
5. Tape speed: SP
6. TV channel
7. Date would appear here also in green color when setting it



VCR recording. Changes from the previous display

1. Running time of the tape

## Comments:

The mechanisms I introduced in the interface design of the VCR coming from the taxonomy developed in class are LEDs, audio feedback, and a push button that keeps the state to eject the tape.

I discarded using a knob to rewind and forward the tape because from my experience it is difficult to control. The motion of turning the knob provides two values: how fast we turn it and how many degrees, so sometimes the tape jumps instead of rewinding or forwarding smoothly, and it can be annoying.