

Time Winder

An Interface for Time & Events

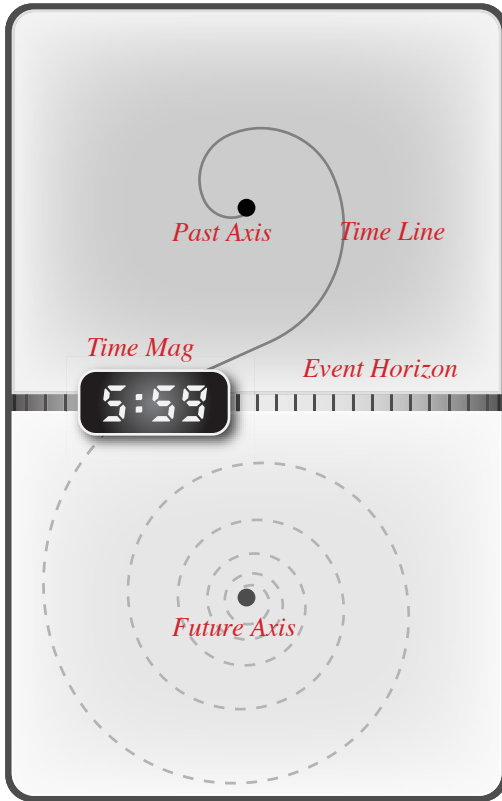


Creative brief prepared for
Verizon Communications
by Greg Johns
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Time Winder

The Time Winder concept is a interface for a 24 hour clock, based on the physical properties of a coil or spring that you would find in an old style wind up clock. As the day progresses, times winds out of the future and into the past. User interaction of the clock was designed with a large screen cell phone in mind to allow integration with call logs and calendar events. These events could then be visually marked on the coil of the time line.



Time Line

The time line is the coil itself it and has two axis from which wind around, a past axis and a future axis. Any part of the coil that exist in the future is represented as a dashed line to indicate the that part of the day is yet to happen.

Past Axis

The point representing the beginning of the day or 12:00 am.

Futre Axis

The point representing the end of the day or 11:59 pm.

Time Mag

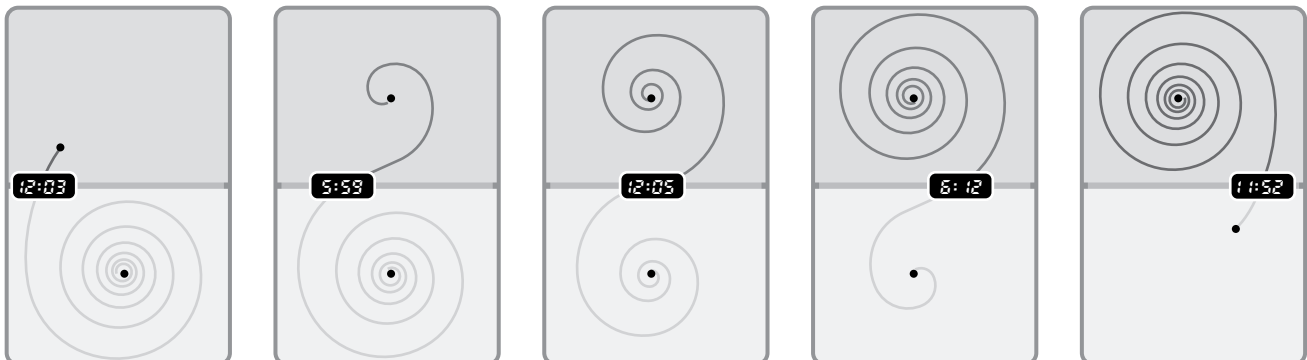
The time mag is anchored to the time coil between the center of the two axis and displaying the current time.

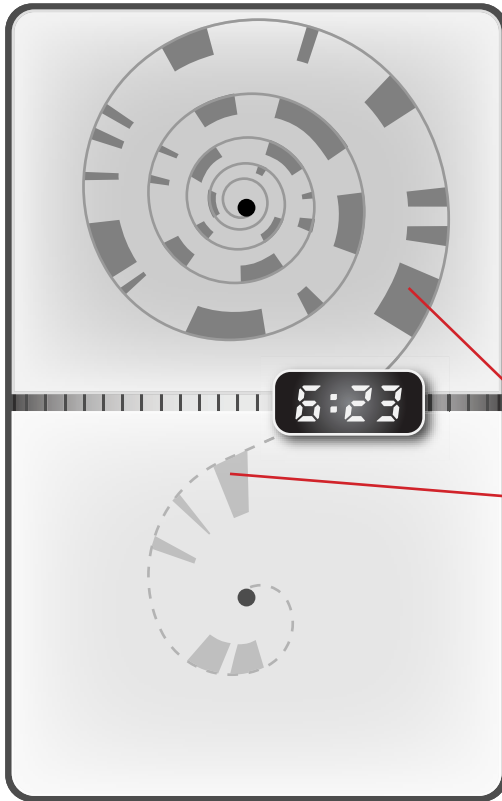
Event Horizon

To further facilitate the visual differece of past and future the event horizon runs horizonticaly across the middle of the stage and represents the point at which the past coil and future coil meet. By pressing and dragging the time mag right or left you can scrub the coil backward and forward in time.

Movement

The movement of the digital display is governed by the winding of the past coil and the unwinding of the future coil. The future coil is unwound in a clock-wise direction and the past coil is wound in a counter clock-wise direction. This allows the digital display to move in a left to right directions, supporting the common notion of moving linearly through time.





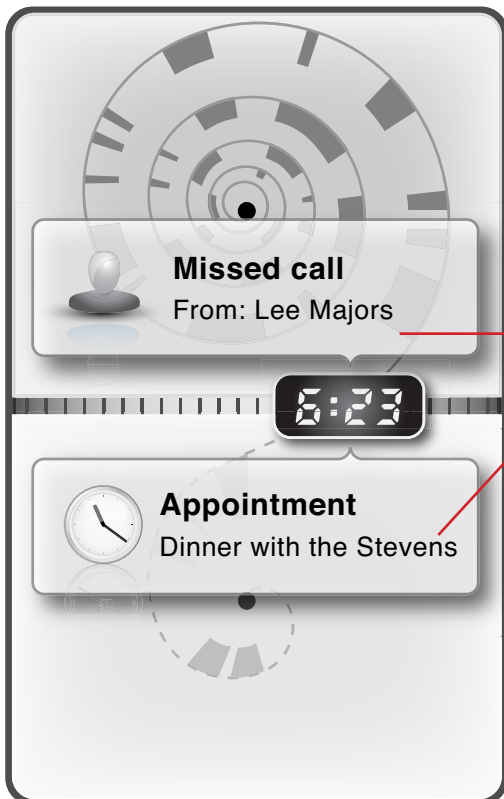
Marking Events

Past events are marked to the left of the time line or coil while future events are marked on the right. The overall size of the events are determined by its proximity to the event horizon while the length of the event is determined by length of time it occupied during the day.

Color can also be used to indicate the type of event i.e. missed call, placed call, text message, calendar appointment.

Past Event Marker

Future Event Marker



Events Details

As events on the time line converge with the event horizon event details will be displayed in pop-ups. Future events will appear to the bottom of the horizon or in the future and past events will appear behind the event horizon or to the top of the event horizon.

Past Event Pop-up

Future Event Pop-up



Event Options

Tapping on an event pop-up will expand the pop-up to show options specific to that type of event. From there the user can select an event option to perform further actions



Current Time Details

Tapping on the time mag will expand the mag to a more detailed description of the current time. The illustration to the left shows just general detail information but this view could go on to show various current options the user has set up. For example current weather conditions, stock reports, up to date ski reports or traffic reports.



Scrolling Though Time

By pressing and slidding the time mag to the left and right the user will cause a scrub time line to curl backwards or fowards through time displaying event pop-ups as they intersect witht the event horizon. The current time line will continue winding through the day as normal but in a ghost-ed form to maxamize visibility for scrolling for events.

As users scroll in one direction, for instance backward in time, anything past the event horizon or to the bottom will grey out to help indicate the direction they are scrubbing.

When the user releases the time mag the scrub time line will wait for a few moments then spring back to the current time line.



Communications Log and Calendar Events

As shown, the main interaction with the Time Winder happens in the middle or main area of the screen. But to add functionality and further support the concepts of the past curl and future curl the curl them self or their axis point can act as a interaction point that when pressed bring up options for detailed viewing of communications/events log (past) or viewing upcomming events or calendar (future).