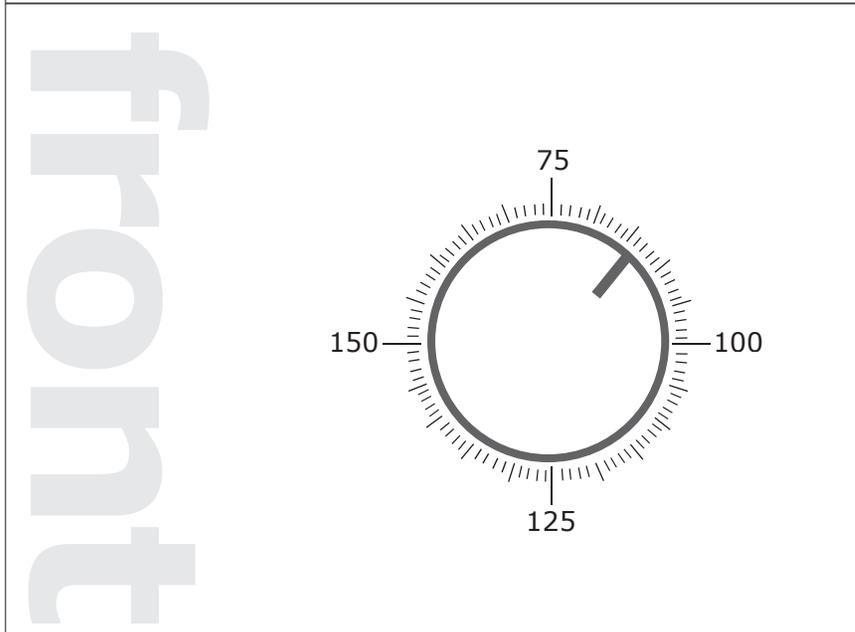
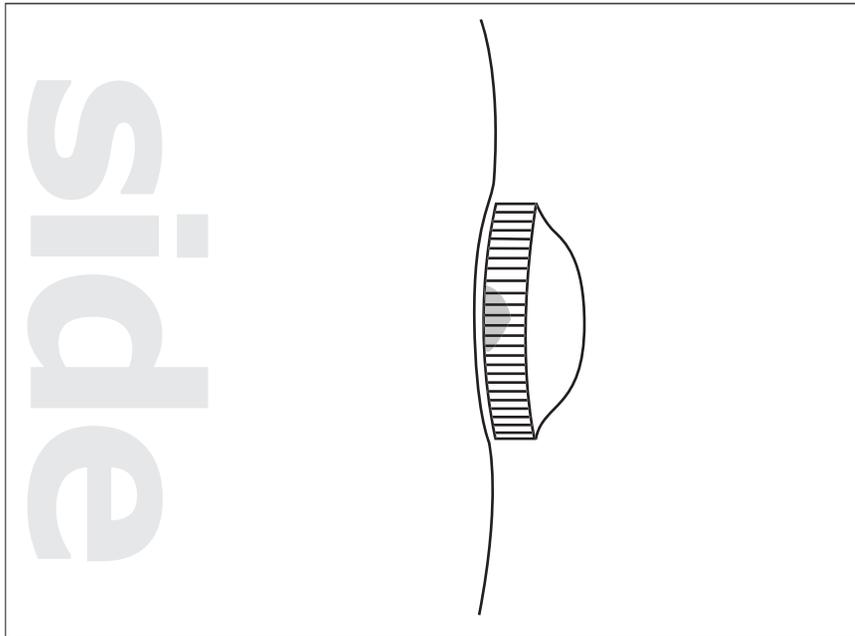


TUNING WHEEL

on basic radio alarm clocks

Widget re-designed by Janice Lau



Problem with old widget:

1. Easy to “lose” station if user accidentally hits TUNING thumbwheel or confuses it with VOLUME thumbwheel
2. Difficult to switch stations and then return to previous ones - no markers on thumbwheel
3. Difficult to fine-tune radio stations if user lacks finger agility

Solutions in new design:

1. TUNING knob locks in place and can only be adjusted when user pulls knob out slightly (similar to a watch)
2. Marker on knob to show current station, and knob clicks at every single increment to increase efficiency in returning to desired station
3. Knob allows for easy tuning and differentiation between VOLUME wheel and TUNING wheel

USER INTERACTION

- [Pull] knob out slightly, using finger indentations on sides of knob
- [Rotate] knob to desired station, clicking through all possible stations
- [Push] knob in, back to normal position to lock in place

Related real world widgets include:

- Volume wheels
- Thermostat knobs
- Display brightness wheels on older desktop computers