

Human-Machine Interaction

Assignment 1 Good and Bad Design

André Correia, 64783

Bad Design Example

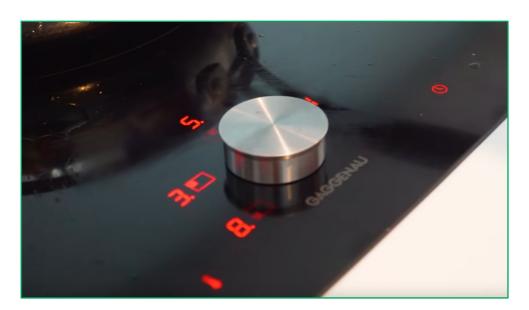
Gaggenau CI Induction Cooktops

 Cooktops (or hobs) are auxiliary cooking devices that allow the appliance of heat to the base of pans and pots alike



Why is it badly designed?

- The metallic knob is used to select the cooking zone and adjust the heat setting
- Essentially "one handle does all"
- It's also completely separated from the hob... What if it is lost? Time for a new one at a hefty price



Why was it designed this way?

- Likely considered an innovative design idea
- Admitedly sleek and pleasant to look at
- The removable knob makes it easier to clean the hob

So, how may it be improved?

 Suggestion: Purposely attach the metallic knob to the hob, being detachable for cleaning



Good Design Example

Mighty Mug Cups

- Cups are used to hold and contain liquids
- Drinking, storage and transport



Why are they well designed?

- Better user experience Prevent spills and accidents with traditional cups
- User-friendly The act of drinking remains natural
- Accessibility Individuals with disabilities and the elderly may be able to use these cups without assistance
- Innovative technology like gyroscopes and advanced stabilization mechanisms make it look like magic



Thank you