

Evaluation of a Driver Interface: Effects of Control Type (Knob Versus Buttons) and Menu Structure (Depth Versus Breadth)

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Daniel Manes and Paul Green

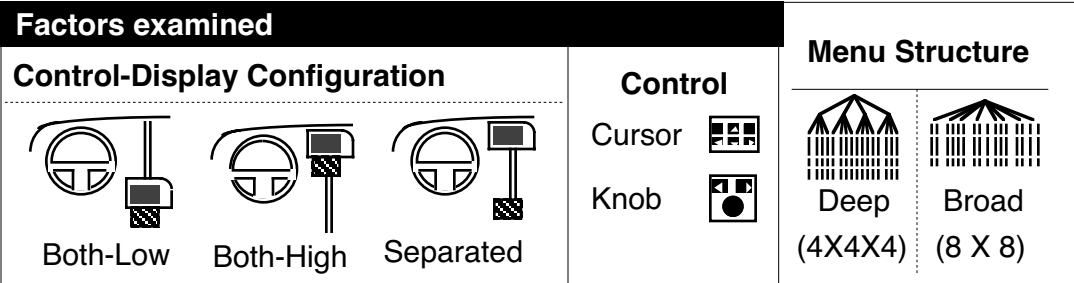
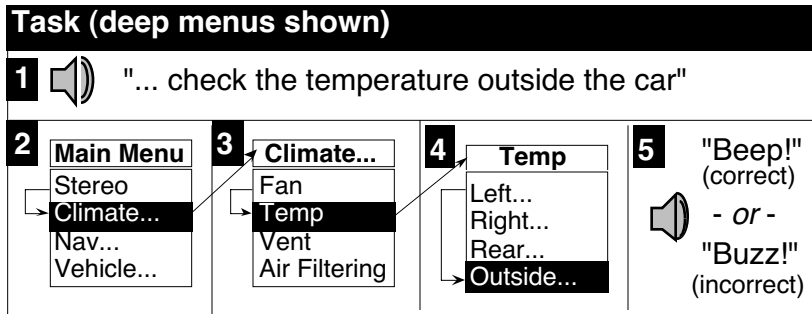
University of Michigan
Ann Arbor, Michigan, USA

1 ISSUES

1. What are typical selection times & error rates for novice users & can times be predicted using a GOMS model?
2. How do selection times & error rates vary as a function of (a) menu structure, (b) control type, & (c) the location of the control and display?
3. What is the effect of driver age, sex, and practice on selection times & error rates?
4. How acceptable is the idea of an in-vehicle menu interface to drivers?

2 METHOD

# subjects (n = 24)		
Age	M	F
Young (21-27)	6	6
Older (65-70)	6	6



3 RESULTS

Histogram of trial times (seconds)

