

ISO 9241-400:2007-02 (E)

Ergonomics of human-system interaction - Part 400: Principles and requirements for physical input devices

Contents	Page
Foreword	iv
Introduction	vi
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
3.1 Actions	2
3.2 Touch strategies	2
3.3 Press/release strategies	2
3.4 Feedback	2
3.5 Hardware	3
3.6 Input devices	3
3.7 Measures	10
3.8 Postures and movements	12
3.9 Types of task primitives	19
3.10 Usability related definitions	20
4 Guiding principles	21
4.1 General considerations	21
4.2 Design requirements	22
5 Performance criterion	23
6 Properties of input devices relevant for usability	24
6.1 Types of input devices -- General considerations	24
6.2 Typology of input devices	25
6.3 Functional properties	26
6.4 Electrical properties	26
6.5 Mechanical properties	27
6.6 Maintainability-related properties	27
6.7 Safety-related properties	27
6.8 Interdependency with software	27
6.9 Interdependency-with-use environment	27
6.10 Documentation	28
Bibliography	33
Index	34