

Mobile controls

Mobile controls



Having prompt access to precise information and being able to respond reliably and quickly to particular circumstances at any location are more important than ever in most fields of business nowadays. It is no longer possible to imagine life without mobile phones, tablet PCs and remote control units; and the mobile trend is just as evident in the professional/commercial world.

Combining the requested functions with the casing design is the greatest challenge when planning and drawing up mobile control devices. Then there are the special requirements like lighting, the degree of protection, impact resistance, display and touch integration or handling the data transfer (e.g. infrared, radio, Bluetooth). The issue of energy harvesting or self-sufficiency in terms of energy supplies is becoming increasingly important for mobile controls with low power consumption.

The requirements for mobile control devices are as extensive as the possible fields of application. They range from wirelessly reading data from building facilities to logging patient data in hospitals on mobile devices.

Technology

- Casings with various shapes and degrees of protection
- Integrating almost any keys, keyboard and (touch) display elements
- Integrating electronic components (e.g. RFID, sensors)
- Wireless design
- Various features like lighting or acoustic signals are feasible

Benefits

- Individual outline and design
- Ability to handle almost any size
- Extensive range of functions

Fields of application

- Industrial automation
- Medical engineering
- Technical building services
- Traffic and transport
- Commercial resellers

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