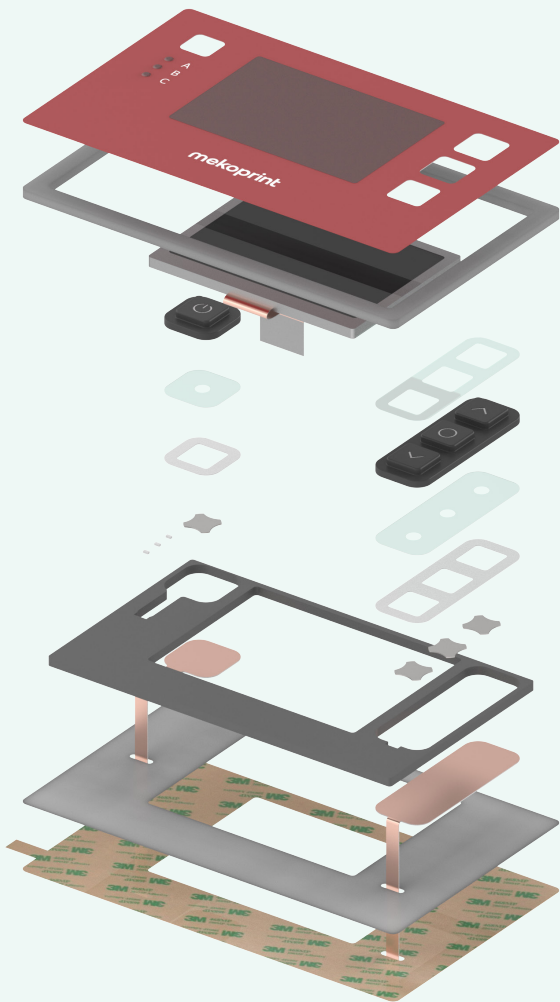


Display integration in HMI solutions



What we offer

We help you integrate displays, keypads, front layers, housing and mechanical elements into complete HMI solutions — from early design input to production-ready assembly.

Our offering includes:

- Display sourcing across relevant technologies
- Display adaptation for your application
- Custom keypad and front layer design
- Integration of display, keypad, touch, housing and mechanics
- Assembly-ready HMI constructions
- Compliance and life cycle engineering support

What you gain

An integrated HMI approach can reduce complexity in both development and production.

Your benefits are:

- Fewer separate components to manage
- Reduced tolerance chains between display, keypad, front layer and housing
- Easier final assembly
- Clear responsibility for the complete HMI
- Lower risk of end-of-life issues by choosing displays suited for industrial use and long-term availability

Design and engineering

Mekoprint helps integrate displays with tactile keys, touch functions, antennas, sensors, LEDs, protection layers, sealing, shielding, housing and other components that may be needed in the final product. This makes it easier to design an HMI solution that fits the application — mechanically, technically and visually.



Direct access to display manufacturers

We work closely with a broad network of display manufacturers. This gives you direct access to display competence, faster technical feedback and relevant display options for your application. It also makes it easier to explore customisation options such as brightness, temperature range, interface, cable position, cover glass and touch functionality.

Updated knowledge of display technologies

We keep our display knowledge up to date and work with a broad portfolio of display technologies, so you can benefit from relevant new options when they fit your product. This can include anything from simple LCDs and low-power displays to modern TFT, OLED and touch display solutions.