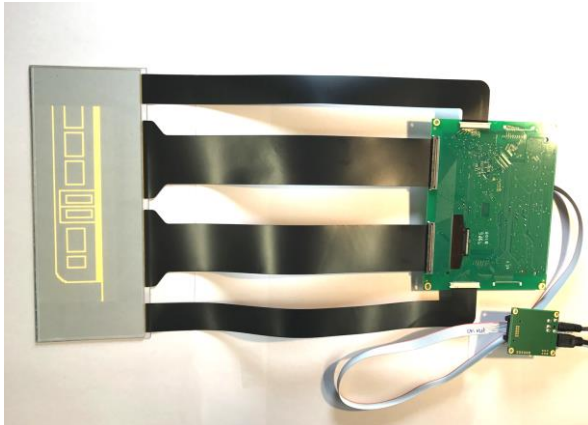




# TIP ELT160.60.100 KIT

## TASEL® Introduction Package for the ELT160.60.100 Transparent Matrix Display



ELT160.60.100 TIP kit running an animated subway demo with Demo Kit board (smaller board) attached. Shielding arrangement not shown.

The TASEL Introduction Package (TIP) kit for ELT160.60.100 offers a fast and easy way to experiment with a transparent matrix display.

The kit consists of

- one encapsulated ELT160.60.100 display on a 1.1mm substrate and with 1.1mm cover glass.
- Driving electronics board (ECA) with four connectors to FPCs of the display. ECA size is approx. 149mm x 115mm.
- ELT160.60.100 Demo Kit for driving the display through USB/PC.
- Documentation on the interface, mechanical and optical characteristics and handling instructions

The TIP kit enables experimenting different transparent matrix display concepts, e.g. try out location, content and visibility of the display.

### TASEL Introduction Package for ELT160.60.100 Display

#### Product highlights:

- Enables quick prototyping of transparent matrix display concepts
- Easy-to-read display for completely arbitrary graphical output, e.g. for displaying symbolic character sets
- Comes with necessary electrical parts, cabling, shielding arrangement for the electronics, PC connectivity and documents

#### Ordering Information:

Product	Part #	Features
TIP kit ELT160.60.100	EL000 53700	The complete TIP kit for ELT160.60.100
ELT160.60.100 Demo Kit*	EL000 63100	for USB/PC connectivity

#### Display Technical specifications:

Technology	Inorganic Thin Film Electroluminescence
Color	TFEL-yellow
Pixels	160 columns and 60 rows of square pixels.
Pixel Pitch/Size	pitch 1mm x 1mm, size 0,8mm x 0,8mm
Viewing angle	2x 179°, (two sides - substrate is transparent)
Response time	< 1 ms
Luminance	up to 100 cd/m <sup>2</sup> , depending on content
Contrast	ambient (background lighting) dependent; daylight readable in shadow areas
Transparency when laminated	≥ 70% when laminated properly/with cover glass; depends on the surrounding glazing
Glass panel size	91mm (± 1mm) x 225mm (± 1mm)
Thickness	2,2mm
Power consumption	Typical, 20W, abs. max 36W
Temperature	-60 °C to +85 °C
Warranty	3 months

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