



## DISPLAX™ SKIN MULTITOUCH

### THROUGH GLASS MULTITOUCH FOIL

Projected capacitive Multitouch Foil allows to have edgeless, flat or curved surfaces. Comes in a wide diversity of sizes and formats and features the unique XTR-Shield™ noise shielding technology.

#### Benefits:

- Turns non conductive materials into multitouch surfaces
- Flat, edgeless surfaces
- True Multitouch & Multiuser
- Excellent accuracy and response
- Minimal gap between sensor and display
- No parallax effect, ahead of traditional sensors
- Can be used with LCD/LED or Projection
- Not affected by change in lighting conditions
- Lightweight technology, easily shipped to any location in the world
- Through Glass capability allows extreme durability – resistant to liquids and UV, no deformation over time
- Control a larger display with a smaller sensor

#### Key features:

- Flexible Projected Capacitive Sensor
- 20 or 10 true independent touches
- XTR-Shield™ - Noise shielding technology, unique in large formats
- Excellent accuracy due to high number of sensing intersections
- Sizes from 30'' to 100'', with 4:3 and 16:9 aspect ratio
- Palm and Arm Rejection
- Pressure Recognition
- Native Windows 8 & Windows 7 Gestures
- Advanced Calibration feature
- SDK for advanced programming requirements

#### Typical applications:

- Interactive Signage and Kiosks
- Command Centers and Boardrooms
- Retail (e.g., shop windows)
- Museums and Architecture Projects
- Brand Experience and Exhibitions
- TV Channels

## DISPLAX™ SKIN MULTITOUCH - SPECIFICATIONS

### GENERAL

<b>Detection method</b>	Projected Capacitive Technology
<b>Input method</b>	Finger and gloved finger
<b>Number of simultaneous touches</b>	20 or 10
<b>Sensor thickness</b>	100 micron transparent polymer
<b>Noise Shielding</b>	DISPLAX XTR-Shield™, a proprietary noise filtering technology
<b>Sizes</b>	30" to 100"
<b>Aspect ratios</b>	4:3; 16:9; custom sizes available
<b>Light transmission</b>	96%
<b>Controller</b>	Printed circuit board with USB connector
<b>Adhesive</b>	Removable or Permanent
<b>Operating system</b>	Windows 8 & Windows 7 with multitouch functionality available*; Linux Ubuntu 11.10 or above; Raspberry Pi Mac OS X TUIO Support embedded on driver
<b>Data connectivity</b>	USB 2.0
<b>Touch accuracy</b>	1 mm relative
<b>Sensor weight</b>	126 g (42" version)
<b>Controller weight</b>	65 g

### PERFORMANCE

<b>Touch thickness</b>	Adjustable by software to a maximum thickness of 20 mm
<b>Touch gestures</b>	Microsoft Windows 8 and Windows 7 Touch Gestures
<b>Frame rate</b>	50 FPS
<b>Response time</b>	18 ms
<b>Calibration</b>	Available using driver software: no drift
<b>Permitted graphic resolution</b>	Unaffected by computer display resolution

### POWER CONSUMPTION

<b>Average power consumption (P)</b>	USB powered @ 5V Peak consumption: 410 mA Operation consumption: 370 mA
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### RELIABILITY

<b>Operating temperature range</b>	-20°C to 70°C
<b>Storage temperature range</b>	-40°C to 135°C
<b>Operating humidity range</b>	0% to 96%
<b>Storage humidity range</b>	0% to 100%, except controller
<b>Life time expectancy</b>	Unlimited
<b>Controller life time expectancy</b>	1 million hours
<b>Warranty</b>	1 year

- Shipping: -----
- **Packaging:** Cardboard cylindrical tube
  - **Dimensions (height x diameter):** 125 cm x 13 cm (up to 50")  
195 cm x 13 cm (from 50" to 80")  
270 cm x 13 cm (more than 80")
  - **Weight:** 3 kg to 7 kg (approximately)

DISPLAX™ SKIN MULTITOUCH is designed, manufactured and assembled in EU

\* Home Premium, Professional, Enterprise and Ultimate. Information subject to change by Microsoft

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