

SKIN SHAPES

SHAPING NEW TOUCH CONCEPTS



FROM TRIANGLES TO HALF ELLIPSE FORMATS

BENEFITS

- Create new and unique touch concepts
- Versatility and ease of integration
- Create a new User Interface
- Provide an immersive and creative User Experience

KEY FEATURES:

- Flexible Projected Capacitive sensor
- 5 milliseconds response time
- Up to 100 simultaneous touches
- HID works with a wide range of Operating Systems

TYPICAL INSTALATIONS:

- Museums
- Retail
- Experiences
- Showrooms
- Exhibitions

SPECIFICATIONS



5 Sensor
Formats

100

Up to 100 Finger
Touches

5_{ms}

Touch
Response



Unique Form
Factor



UV Resistant



Works with
Any OS

CE RoHS FC



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TECHNICAL SPECIFICATIONS

DISPLAX SKIN SHAPES

GENERAL

Detection Method	Projected Capacitive Technology Multitouch
Input Method	Finger and Gloved Finger
Number of Simultaneous Touches	Up to 100
Film Sensor Thickness	100 Micron transparent polymer film
Noise Shielding	DISPLAX XTR-Shield™ Plus, a proprietary noise filtering technology
Sizes	Per request depending on the specific shape
Controller	Printed circuit board with mini USB connector
Adhesive	Permanent
Substrate	Float Glass, Gorilla Glass
Interface	HID
OS with Multitouch	Windows 11, 10, 8, Ubuntu 12.04, Linux, Android, Chrome OS
OS with Single Touch	Mac OS X Yosemite (multitouch support through TUIO bridge)
Data Connectivity	USB 2.0
Controller Weight	Up to 60 g
USB Cable Length	2 m

PERFORMANCE

Substrate Thickness	Up to 10 mm
Touch Response	5 milliseconds
Touch Accuracy	0.53% of sensor diagonal
Finger Separation	2,64% of sensor diagonal
Calibration	Available using control panel: no drift

POWER CONSUMPTION

Average Power Consumption (P)	USB powered @ 5 V Operation consumption: 250 mA
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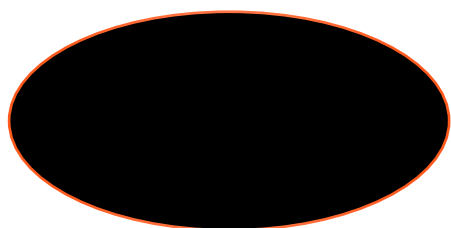
RELIABILITY

Operating Temperature Range	-20 °C to 70 °C
Storage Temperature Range	-40 °C to 135 °C
Operating Humidity Range	0% to 96%
Storage Humidity Range	0% to 100%, except controller
Touch Sensor Life Time Expectancy	Unlimited
Touch Controller Life Time Expectancy	1 million hours
Warranty	2 years

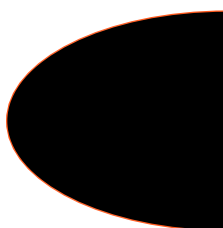


SPECIFIC SHAPES

DISPLAX SKIN SHAPES



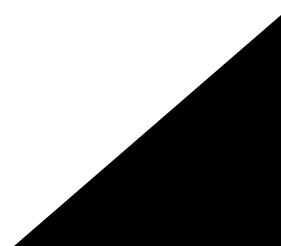
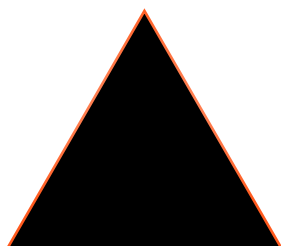
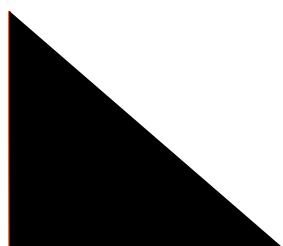
Ellipse



Half-Ellipse



Half-Round



Triangle



Trapezium

