



# Methode's Projected Capacitive Touch Screen

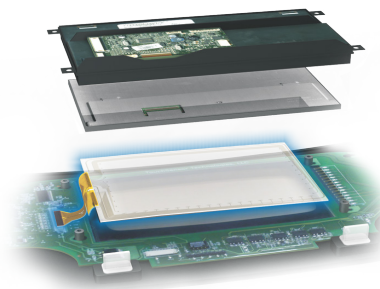
## - Engineer Tested, Automotive Approved!

### Superior Multi-Touch Technology for the Automotive Industry

**Introducing Methode's Projected Capacitive Touch Screen - the speed and accuracy of high end tablets now available in the automobile.**

Methode has designed a multi-touch touchscreen that looks great and responds with incredible accuracy. All of the issues that in the past prevented a tablet-like interface in a vehicle have been addressed; Glare, Fingerprints, Hardness, Reflectivity, EMC, and Transmissivity.

Consumer electronics is re-defining how we communicate with both technology and the world. As consumers become familiar with intuitive user interface designs, they seek out other products in their life that achieve the same level of simplicity. [Finally, superior touch screen technology for the harsh automotive environment.](#)



#### SPECIFICATIONS

##### Environmental & Optical

Transmissivity	> 90%
Auto BCI Tested	To 106 dBuA
Auto EMC Tested	To 100 V/m
Auto Environmental Tested	85°C / 90% RH
Operating Range	-40°C to +85°C / +95°C Storage
Reflectivity	1-3%
First Surface	Anti-Glare
First Surface	Anti-Fingerprint
First Surface	> 3H Hardness
Bi-Refringence Issues (Polarized Sun-glasses)	No
LIN/CAN/I2C Interface	Available
Crash Data	Available





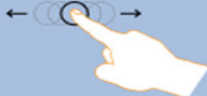


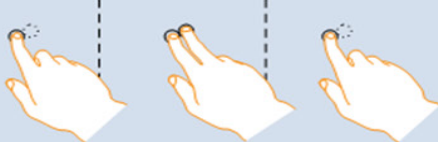

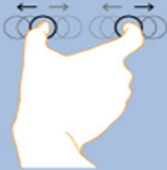



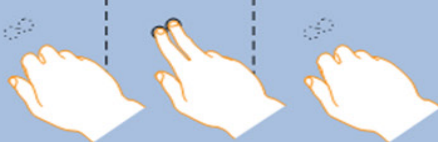







##### Performance

Resolution	< 1mm
Multi-Touch	10+ points
Low Pinch Separation	12.9 x 12.8mm
Gestures	See Reverse

Class-leading Transmissivity eliminates the need for ultra-bright LCD's, reducing cost and excessive heat, making the system more efficient.

Methode is Possibilities

## Methodé's Projected Capacitive Touch Screens Support Gestures

GESTURE	GESTURE ACTION	ACTION (○= finger down   ◉= finger up)	Single Contact	Multi Contact
Tap / Double Tap				
Panning with Inertia	Drag 1 or 2 fingers up and down			
Selection / Drag (left to right with one finger)	Drag one finger left / right			
Press and Tap	Press on target and tap using a second finger			
Zoom	Move two fingers apart / toward each other			
Rotate	Move two fingers in opposing directions -or- Use one finger to pivot around another			
Two-Finger Tap	Tap two fingers at the same time (where the target is the midpoint between the fingers)			
Press and Hold	Press, wait for blue ring animation to complete, then release			
Flicks	Make quick drag gestures in the desired direction			

Source: <http://clubhouse.microsoft.com/public/post/659fa6d8-2d13-446e-ab80-a5a23bd4c9e9>