

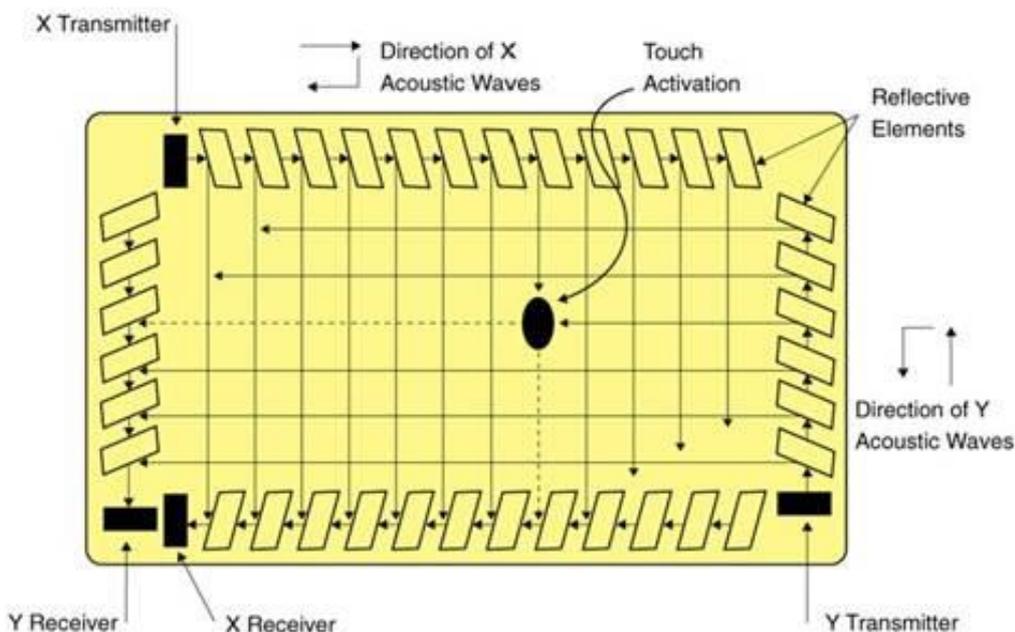
Gtouch Introduces Surface Acoustic Wave Touch Screen

The frequency and sensitivity of Gtouch SAW (Surface Acoustic Wave) touch screen significantly exceeded the general SAW touch screen manufacturers. The explosion-proof capability of 3 mm glass is much better than the general 6mm glass when it has been enhanced. After the market test, the SAW touch screen have been widely used in all kinds of Kiosk machine at libraries, railway stations and bank automatic teller machines, especially in the gaming machine at casino.

Compared to other types of touch screens, SAW (Surface Acoustic Wave) touch screen offer better performance. Since the panel picks up input with the slightest touch, it is easier for the user to operate. In addition, as physical contact between users' fingers and the touch screen is not required, the panel experiences significantly less wear compared to other conventional touch screens and therefore offers high stability.

Results of machinery test indicate that the lifecycle for SAW touch screens can be as long as 10 years. The fact that the entire product deploys one single PCB with dense chip clusters along with the absence of multiple components, enables high product consistency and yield rate.

The surface acoustic wave touch screen has high transmission (>90%), high stability and durability characteristics, and compared to other pure glass technology has a lower price, suitable for indoor and require high-intensity occasions.



The advantages of SAW Touch Screen:

- High transparency. Light transmission is up to 90%.
- Affecting by EMI lower than other types of touch screens.
- 7H high hardness tempered glass with Vandal-Proof and Anti-Scratch.
- Operating by finger or soft materials.
- The longest lifespan in all of touch screen.
- Customized from 8.4" to 32".
- Response time less than 10 ms.

The strength of Gtouch SAW Touch Screen:

1. Using optical glass from Germany or Japan, high quality assurance.
2. High customization capability, low NRE fee, no limitation for mass production quantity.
3. UHF piezoelectric ceramic (volatility error - 0.5%, unique patented technology).
4. Mixed PMMA (increasing several special raw materials to enhance the concentration and emission stability of the panel).
5. Exclusive high moisture resistance glass ink (developing in cooperation with the Japanese glass ink manufacturer) °
6. DYMAX's UV glue – antacid, moisture resistant and high performance (different glue model for different object bonding) °

For more product information about Gtouch SAW touch screen, please email to sky@gtouch.com.tw.

About Gtouch

Groovy Technology, established in 1995, is an organization of professionals dedicated solely to the touch screen industry. With the brand of "Gtouch," Groovy Technology manufactures and markets **4W/5W resistive touch screen, Capacitive touch screen, surface acoustic wave touch screen, infrared ray touch screen, optical touch screen, add on single touch screen, touch monitor and touch controller** all over the world.