

TOUCHSCREEN

Stick it and touch it: Interactive foil for through-window touch applications

If you are looking for ways to make your projection screen interactive, then Harkness' Touchscreen Interactive Foil is the perfect solution for you.

Behind the window

Touchscreen comprises an interactive foil with a rear projection foil bonded to it. It can be applied directly to a window or other glass or acrylic surface to create a through-window interactive display.

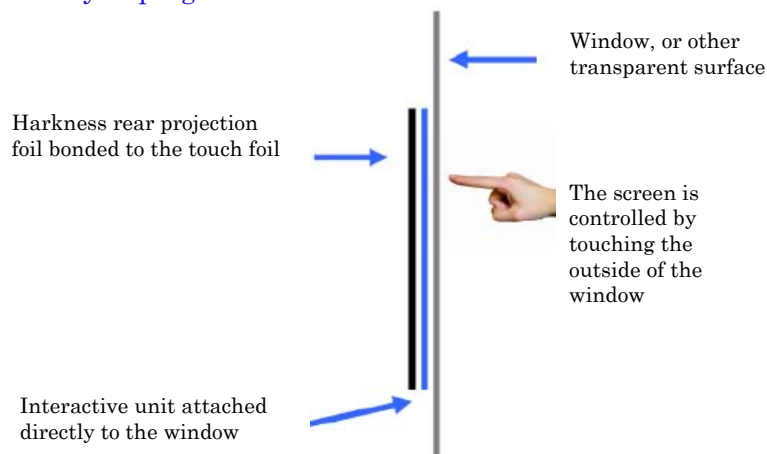
Permanent or removable

Harkness' Interactive Foil can be mounted using either a permanent or a removable fixing method, allowing the touch unit to be moved to another location if required. There are no external components required with Harkness' Touchscreen Foil, so the installation is completely safe behind the window.



Product features

- Lightweight foil; simple to apply to a window, glass, or acrylic surface.
- Supplied bonded to a Harkness rear projection foil - different projection surfaces available.
- No requirement to have any external wires or devices, as all of the touch screen components are situated safely behind the glass.
- Interactivity works even with gloved hand.
- Not affected by external light conditions.
- Wide range of screen sizes available up to 80" 4:3 or 16:9 format.
- Works with all existing multimedia applications -- PowerPoint, Macromedia flash, Websites, etc.
- Software available; easy to programme.

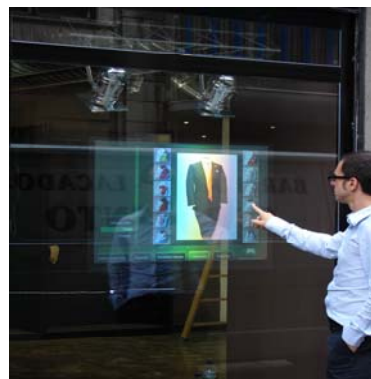


Technical Specifications

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| Projected image: | See Harkness projection foils leaflet for typical performance / applications. |
| Detection method: | Projected capacitance technology using horizontal and vertical wires that respond to vibration/sound waves created when the glass is touched. |
| Screen sizes: | 40" – 80" diagonal; 4:3 and 16:9 formats as standard; other sizes available on request. |
| Position accuracy: | Approximately 3mm absolute, 1mm relative. |
| No drift alignment: | Software drivers provide a calibration facility (included with the screen). |
| Sensitivity: | Adjustable by software. Can be programmed for different thickness of glass and even use with gloved hands. Functions with non-metallised, single construction glass up to 16mm thick. |
| Speed of response: | Depends upon glass thickness. Typically 50 to 100ms. |
| Output: | RS232C communications to a 9 pin DIN female socket, or USB. |
| Compatibility: | Drivers are available for Windows operating system. |
| Temperature range: | Operates: -10°C to +70°C. |
| Humidity: | Between 0% to 95%. Unaffected by condensation. |

Applications:

- Shop windows
- Cinemas
- Museums
- Fairs, shows and demonstrations



TOUCHSCREEN - the professional choice from Harkness Screens
www.harkness-screens.com

E-mail: sales@harkness-screens.com Tel: +44 (0)1438 725200 Fax: +44 (0)1438 344400
Harkness Screens, Unit A, Norton Road, Stevenage, Herts. SG1 2BB UK