



Interactive Touchscreen Table: Early Years Edition*

A dynamic, battery powered and mobile device for creating stimulating and inspiring learning environments.

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Introducing the Interactive Touchscreen Table for Nursery and Early Years.

The robust and durable table uses the latest 10-point touch technology to accommodate a number of children at any one time, allowing them to draw and mark-make directly onto the screen using either their hand or finger.

The Interactive Touchscreen Table: Early Years Edition is a mobile interactive learning device, ideal for all Early Years Foundation Stage (EYFS) education and entertainment needs.

Designed with early years in mind

Built specifically for pre-school children and early years' activities, the Interactive Touchscreen Table comes with toughened and durable safety glass which can be wiped-clean. With a robust steel structure and sleek oak wooden finish, the table is designed to withstand intense daily use.

Designed on wheels so it can be easily manoeuvred from room to room, the table also has locking brakes for added safety and security, and the tiltable and lockable screen makes viewing and touching more accessible for children.

The screen can be easily tilted and locked into position, allowing children to interact together around the table on learning apps, games or puzzles. Alternatively, the table can be tilted further through to 68 degrees before being locked into place to enable children to use it more comfortably whilst sitting to watch videos and cartoons or if they are playing on their own.

EYFS content and sensory apps

Pre-installed Early Years content and sensory apps are suitable for individual or group activities. This encourages children to socialise, learn, share and communicate, covering all areas of the early learning goals via fun educational content.

Optional award-winning Yellow Door apps

Publisher of multi-sensory resources, Yellow Door apps cover all areas of early learning and can be pre-installed*¹ on the Interactive Touchscreen Table.

Unlock learning potential

The Interactive Touchscreen Table is a powerful EYFS / KS1 teaching tool for game-based learning. With complete freedom to download further apps directly to the table via the Aptoide or Google Play Store. With the ability to pin protect and restrict children to only approved apps, you can rest assured that safeguarding of children is covered.



Yellow Door- Letter Formation app shown in a multi-user setup

¹Yellow Door apps come at an additional cost.



Evidence creativity and activities

The Interactive Touchscreen Table can be securely connected directly to the internet via Wi-Fi, or linked to another wireless or Bluetooth device. This useful feature allows for the device to be connected to a printer to share and evidence children's activities and creativity with friends and family.





A unique self-contained mobile solution.

Powered by a built-in battery pack, simply charge the table overnight and unplug to use throughout the day, eliminating trip hazards and maximising mobility.

The Interactive Touchscreen Table: Early Years Edition comes complete with an integrated Full HD resolution screen for the highest visual clarity. Using the latest P-CAP touch technology, its multi-touchscreen encourages group play and learning. The self contained, slimline and future proofed solution requires minimal storage space.

Cable-free and mobile activity centre

The battery pack allows the Interactive Touchscreen Table to be used up to 8 hours from one single charge.



Interactive Touchscreen Table - battery life panel.





Intuitive natural touch user experience.

The screen uses the latest P-CAP touch technology providing a more responsive and natural experience, helping children to easily mark-make and draw.

Early learning goals

Released in 2017, Ofsted guidance states that children should have access in schools to a wide range of technologies that they might use at home. Early learners need to explore a wide range of media and materials, and be provided with opportunities and encouraged to share their thoughts and feelings through many activities, including technology.

The Interactive Touchscreen Table allows young children to develop important early learning skills such as: hand eye coordination, reading, writing, speaking, listening, literacy and numeracy, whilst having fun playing with others.





Developing early digital skills through connected technology.



Developing digital skills

The use of technology in Early Years and Foundation Stage education is key to children becoming familiar with and starting to understand the application of digital technology, preparing them for when they start school. A smooth pen on paper experience allows children to easily draw and mark-make directly onto the screen.

Convenient connectivity

The Interactive Touchscreen Table has a built-in Android PC saving you from having to connect an external device for uploading and displaying content. You can quickly and easily connect to the internet via the Wi-Fi feature to stream music or videos. Connect to an external device such as a speaker or printer via Bluetooth or wireless. An optional slot in the Windows PC expands functionality - designed and developed especially for Sharp.

Specifications

Display	Model PN-40TC1
LCD Panel	40-inch-class widescreen (39 1/2-inch [100.33 cm] diagonal) TFT LCD
Max. Resolution	1,920 x 1,080 pixels
Max. Display Colours (approx.)	16.77 million colours
Pixel Pitch (H x V)	0.45735 x 0.4494 mm
Max. Brightness (average)*	1 300 cd/m ² ¹
Contrast Ratio	5,000 : 1
Active Screen Area (W x H) (approx.)	878.1 x 485.3 mm (34 9/16" x 19 3/32")
Response Time	9.5 ms (grey to grey, avg.)
Backlight LED,	Edge lit
Touchscreen	
Touch Technology	Projected Capacitive Touch (P-CAP)
Power Supply	Supplied from main unit
Multi Touch	10 points
Protection Glass Shock Resistance:	130 cm ²
PC Connection Port	USB (2.0 compliant) (Type B) x 1
Computer Input	
Video	Analogue RGB (0.7 Vp-p) [750], HDMI, DisplayPort
Synchronisation	Horizontal/vertical separation (TTL: positive/negative)
Plug & Play	VESA DDC2B
Power Management	VESA DPMS
Speaker Output	10 W + 10 W
Power Supply	100V – 240V AC, 50/60 Hz
Power Consumption	89W
Operating Temperature	5 °C to 30 °C
Operating Humidity	20% to 80% RH (no condensation)
Weight (approx.) (display only)	17.5 kg (38.6 lbs)
Main Accessories	AC power cord, remote control unit, battery (AAA size), touch pen, SHARP Display Connect license
Input Terminals	HDMI x 1, DisplayPort x 1(HDCP), Audio Out L/R
USB Hub Function	USB 2.0 (Type A) x 2



* The Interactive Touchscreen Table: Early Years Edition is not a Sharp product. Sharp Business Systems UK (SBS UK) is the exclusive distributor of the product, but not the producer. The product has been designed and manufactured by a third-party which has provided SBS UK with detailed specifications.

¹Brightness depends on input mode and other picture settings. Brightness level will decrease slightly over the life of the product. Due to the physical limitations of the equipment, it is not possible to maintain a precisely constant level of brightness. 300 cd/m² is the brightness of the LCD panel component. The brightness of the panel itself may be less than this. ² Approximate distance at which the glass panel can withstand the impact of a 500-gram iron ball dropped on its centre.

Android PC	
OS	6.0
CPU	Octa core, RK3368 ARM-Cortex-A53 64 bit, up to 1.5GHz
GPU	High performance GPU with maximum 600 MHz Frequency, PioweerVR G6110
Memory	2GB RAM DDR3
Storage Internal	16GB eMMC NAND FLASH
Storage External	Micro-SDS/Micro-SDHC Card, max 32GB
Wi-Fi	Dual Band 2.4GHz/5GHz WiFi, IEEE 802.11 b/g/n/ac
Bluetooth	4.0
Ethernet (LAN)	10/100/1000 LAN Port (RJ45)
Power Supply	DC 5V/2.5A, 3.5mm DC in
USB	USB 2.0 (Type A) x 2

Fully Assembled Interactive Touchscreen Table: Early Years Edition

Overall Dimensions (W x D x H)	1121 x 728 x 650 mm (44.13 " x 28.66" x 25.59")
Overall Weight	90 kg (198.42lbs)
Battery Type	NP12-55Ah 12V55Ah
Nominal Voltage	12V
Rated capacity (10 hour rate)	55Ah

Optional

PN-ZB03PC Mini OPS PC	
OS	Windows 10 IoT Enterprise 2015 LTSB (64 bit)
CPU	Intel Celeron N3160 Processor 1.6GHz
Main memory	4 GB
Storage	SSD 64GB

