

40" Interactive Touchscreen table

# Early Years Edition

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



## Essential tool for every Early Years classroom, combining fun and interactive group learning

- Interactive Touchscreen Table for all Early Years Foundation Stage (EYFS) education and entertainment needs
- 40-inch-class TFT LCD widescreen (39 1/2-inch [100.33 cm] diagonal)
- Built-in Android Player and WiFi feature. Optional pre-installed award winning, Yellow Door content and sensory apps - for individual or group activities
- 10-point touch technology - can accommodate a number of children at one time
- P-CAP technology for a more responsive and natural experience

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 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.

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.

# Specification

## Display

|  |  |
|--|--|
| <b>LCD Panel:</b>                            | Model PN-40TC1<br>40-inch-class widescreen (39 1/2-inch [100.33 cm] diagonal)<br>TFT LCD |
| <b>Max Resolution:</b>                       | 1,920 x 1,080 pixels   |
| <b>Max. Display Colours (approx.):</b>       | 16.77 million colours  |
| <b>Pixel Pitch (H x V):</b>                  | 0.45735 x 0.4494 mm  |
| <b>Max. Brightness (average)*:</b>           | 1 300 cd/m <sup>2</sup> *1   |
| <b>Contrast Ratio:</b>                       | 5,000 : 1  |
| <b>Active Screen Area (W x H) (approx.):</b> | 878.1 x 485.3 mm (34 9/16" x 19 3/32")   |
| <b>Response Time:</b>                        | 9.5 ms (grey to grey, avg.)  |
| <b>Backlight LED:</b>                        | Edge lit   |

## Touchscreen

|   |                                    |
|---|------------------------------------|
| <b>Touch Technology:</b>                  | Projected Capacitive Touch (P-CAP) |
| <b>Power Supply:</b>                      | Supplied from main unit            |
| <b>Multi Touch:</b>                       | 10 points                          |
| <b>Protection Glass Shock Resistance:</b> | 130 cm <sup>2</sup>                |
| <b>PC Connection Port:</b>                | USB (2.0 compliant) (Type B) x 1   |

## Computer Input

|   |  |
|---|--|
| <b>Video:</b>                           | Analogue RGB (0.7 Vp-p) [750],<br>HDMI, DisplayPort        |
| <b>Synchronisation:</b>                 | Horizontal/vertical separation<br>(TTL: positive/negative) |
| <b>Plug &amp; Play:</b>                 | VESA DDC2B   |
| <b>Power Management:</b>                | VESA DPMS  |
| <b>Speaker Output:</b>                  | 10 W + 10 W  |
| <b>Power Supply:</b>                    | 100V – 240V AC, 50/60 Hz                                   |
| <b>Power Consumption:</b>               | 89W  |
| <b>Operating Temperature:</b>           | 5°C to 30°C  |
| <b>Operating Humidity:</b>              | 20% to 80% RH (no condensation)                            |
| <b>Weight (approx.) (display only):</b> | 17.5 kg (38.6 lbs)   |
| <b>Main Accessories:</b>                | AC power cord, remote control unit, battery (AAA size)     |
| <b>Input Terminals:</b>                 | HDMI x 1, DisplayPort x 1 (HDCP),<br>Audio Out L/R         |
| <b>USB Hub Function:</b>                | USB 2.0 (Type A) x 2                                       |

## Android Player

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

## Fully Assembled Interactive Touchscreen Table: Early Years Edition

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

## Optional

|                               |  |
|-------------------------------|--|
| <b>PN-ZB03PC Mini OPS PC:</b> |  |
| <b>OS:</b>                    | Windows 10 IoT Enterprise 2015 LTSB (64 bit) |
| <b>CPU:</b>                   | Intel Celeron N3160 Processor 1.6GHz         |
| <b>Main Memory:</b>           | 4GB  |
| <b>Storage:</b>               | SSD 64GB                                     |

A non-battery version of the Interactive Touchscreen Table: Early Years Edition is also available.

## Non-Battery Interactive Touchscreen Table: Early Years Edition

|                                |   |
|--------------------------------|---|
| <b>Dimensions (W x D x H):</b> | 1121 x 728 x 953 mm (646 mm horizontal) |
| <b>Weight:</b>                 | 67kg                                    |

\* 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.

\*1 Brightness 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/m<sup>2</sup> is the brightness of the LCD panel component. The brightness of the panel itself may be less than this. \*\* Approximate distance at which the glass panel can withstand the impact of a 500-gram iron ball dropped on its centre.