This manual is being updated.

THE BIG ORCHARD · PRODUCT MANUAL

Denby BEAM Light Table

Floor-standing BEAM LED light table on the counter-sprung twin column Denby stand. BEAM-TEC models add a parallel motion. 2A0, A0 and A1. This manual covers every size.

Covers models: DA-2A0, DA01, DA02, DA03, DA04

ADJUSTABILITY

Height and angle (foot pedal)

The foot-operated, spring-assisted stand locks the table at different heights and angles between horizontal and 80°.

1. Lift the foot pedal (it doubles as a foot rest) to release the stand.
2. Move the light box to the height and angle you want.
3. Lower the foot pedal until it clicks and holds, to lock the position.

> For any adjustment of the stand spring, or fitting castors, please contact The Big Orchard on +44 (0)1924 291333 or sales@thebigorchard.com.

Parallel motion (BEAM-TEC models DA01, DA02)

The aluminium straight edge has a precision-machined clear acrylic drawing edge.

> For adjusting the parallel motion, please contact The Big Orchard on +44 (0)1924 291333 or sales@thebigorchard.com.

Brightness (light box)

Connect the light box to the mains via the power supply provided. When the power is connected correctly, the front-facing switch illuminates.

Short press	Screen on / off (resumes at previous brightness)
Long press, screen on	Brightness changes between 10% and 100% while held. Direction alternates between presses.
Long press, screen off	Brightness increases from 10% while held.
Screen off / on	Switch lit at 50% / 100%
Max / min reached	Switch flashes

If your light box has a separate rotary dimmer dial: a short press of the switch turns the screen on or off, and rotating the dial sets brightness from 0% to 100%.

CARE AND CLEANING

1. Clean regularly with a microfibre cloth to keep the screen and body finish at their best.
2. Use only mild, non-abrasive surface cleaner or alcohol-based cleaning fluid (IPA).
3. If no glass screen or screen protector is fitted, avoid using metal tools on the surface.
4. Avoid scraping the acrylic screen / diffuser.
5. Use only with the power supply provided or an equivalently rated unit.

PARTS OVERVIEW

- BEAM LED light box with glass screen and edge-to-edge illumination
- Stainless steel touch-sensitive dimmer
- Counter-sprung twin column Denby stand with foot pedal
- Parallel motion with aluminium straight edge (BEAM-TEC only)
- External 24 V desktop power supply

ASSEMBLY AND SETUP

Supplied fully assembled, ready to use. Connect the power supply provided.

If your stand arrives strapped

1. Fit the feet and place the stand upright on the floor.
2. Ensure the pedal is in the DOWN position.
3. Apply your full body weight to the upper black frame.
4. Ask an assistant to cut the strap.
5. With weight still applied to the upper frame, lift the foot pedal and allow the upper frame to raise slowly.

If unsure please call +44 (0)1924 291333.

SAFETY

Indoor use only. Use only with the power supply provided or an equivalently rated unit. Operating temperature −5 °C to 45 °C.

> **White light.** The white light this product can produce is very bright.

Eye protection guidelines

- Set the light box to the minimum brightness needed for the task.
- Mask off unused areas of the illuminated surface to reduce excess exposure.
- Keep a reasonable working distance from the illuminated surface.
- Consider blue-light goggles or sunglasses to help minimise exposure.
- If you have concerns, a hand-held light meter will show how much light your eyes receive in your application.

- The stand is spring-loaded: follow the strap-release steps in Assembly and setup, and contact us before detaching the light box from the stand.
- Moving the complete unit is a two-person task and should be done with great care.
- Trapping points: the mechanism that controls the height and angle has moving parts which could pinch or trap if misused. Never adjust the height or angle while someone is under the table or has their hands on any part of the stand.
- The power supply is a low-voltage (24 V) adapter fed from the mains by a sealed C13 lead. Make sure all connections are made correctly and keep the equipment away from water and other conductive fluids.

SIZES AND SPECIFICATIONS

Code	Model	Working area	Screen	Light output	Power	Weight
DA-2A0	2A0 Denby BEAM Light Table	—	Glass Screen	—	—	—
DA01	A0 Denby BEAM-TEC Light Table	1220 x 860mm Edge-To-Edge Screen	Glass Screen	12,590 lumens	6.5 Amp	78Kg
DA02	A1 Denby BEAM-TEC Light Table	860 x 620mm Edge-To-Edge Screen	Glass Screen	6,398 lumens	3.6 Amp	56Kg
DA03	A0 Denby BEAM Light Table	1220 x 860mm Edge-To-Edge Screen	Glass Screen	12,590 lumens	6.5 Amp	—
DA04	A1 Denby BEAM Light Table	860 x 620mm Edge-To-Edge Screen	Glass Screen	6,398 lumens	3.6 Amp	—

DECLARATION OF CONFORMITY

This product bears the CE marking and complies with the Low Voltage Directive 2014/35/EU, the Electromagnetic Compatibility Directive 2014/30/EU and the RoHS Directive 2011/65/EU as amended by Delegated Directive (EU) 2015/863.

Conformity assessment	Internal production control (Module A)
Power supply	External Mean Well desktop power supply, supplied unmodified

A signed copy of the Declaration of Conformity is available on request from sales@thebigorchard.com.

DISPOSAL (WEEE)

The crossed-out wheeled bin symbol means this product must not be disposed of with household waste. Take it to a collection point for the recycling of electrical and electronic equipment, or return it to the manufacturer.

Construction materials: glass (if fitted), acrylic, high pressure laminate (HPL), aluminium, polyethylene, 304 stainless steel, PCB components, copper wiring with PVC sheath.

WARRANTY

Warranty: 7 years from date of delivery (BEAM warranty certificate).

Covered	Manufacturing defects, including anything broken or damaged in transit which renders the light box unusable. Electrical faults which interfere with the normal operation of the light box. Power supply failure if not damaged by overload or misuse.
Not covered	Accidental or intentional damage to the screen, switch or carcase. Defects due to normal wear.
Repairs	If a defect is covered, we will arrange a free-of-charge factory repair or like-for-like replacement at our discretion, and cover any shipping costs.

If you have any issue with your product, get in touch and we will help get you up and running.

CONTACT

Manufacturer	The Big Orchard Ltd, Wakefield, West Yorkshire WF11 1TT, United Kingdom
Email	sales@thebigorchard.com
Phone	+44 (0)1924 291333
Web	www.thebigorchard.com

Paper copy of this manual free on request. If you have any issue with your product, get in touch and we will help get you up and running.