



4D SYSTEMS

TURNING TECHNOLOGY INTO ART

4.3" Display Stand

DS-43 (Stand only)

DS-43-BB (Stand + Black Bezel)

DS-43-WB (Stand + White Bezel)

For the uLCD-43DT Display Module

(Also compatible with uLCD-43PT, 4DLCD-FT843 and Armadillo-43T)

Document Date: 17th December 2015

Document Revision: 1.1

Contents

1. Description.....	3
2. Features	3
3. Assembly of the Display Module onto the Bezel and on to the Display Stand	4
4. Legal Notice.....	5
5. Contact Information	5

1. Description

The DS-43 is a Display Stand for the uLCD-43DT Display Module (also compatible with uLCD-43PT, 4DLCD-FT843 and Armadillo-43T), which allows the display module and a 4.3" Bezel to be attached to provide a stable and easy to use Development Platform.

The Display Stand is powder coated aluminium stand which is available as a stand by itself for existing customers who may already have a display and bezel (DS-43), or in a kit with Stand and Bezel included, available with both black (DS-43-BB) and white bezels (DS-43-WB).

This bezel provides a sleek cover to the display module, and also providing an easy method to mount it to the Display Stand. The bezel can also be used to panel mount the display module into an enclosure.

No Display Module is included in the Display Stand DS-43, DS-43-WB or DS-43-BB kits.

For more information regarding the Bezels, please refer to the Datasheet for the 4DBEZEL-43, available from the 4D Systems website.

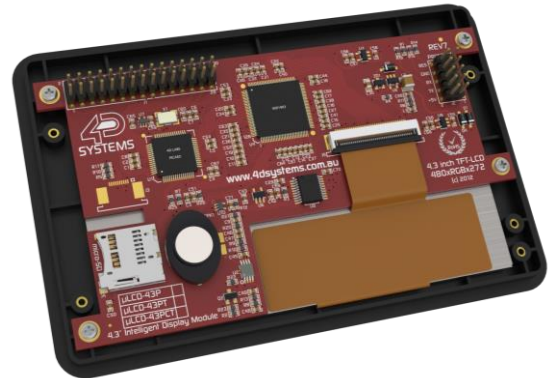


Development Stand with Black Bezel (DS-43-BB)

The DS-43 allows a Bezel and Display module to be easily mounted, and provides mounting holes to mount an Arduino or Raspberry PI A+, B+ or Pi2, and/or a small breadboard or two (depending on configuration). This provides a stable platform for development work and education.

2. Features

- Powder Coated Aluminium Stand
- Plastic 4.3" Bezel designed for panel mounting the uLCD-43DT, uLCD-43PT, 4DLCD-FT843 or Armadillo-43T
- Brass mounting inserts in the rear of the bezel
- Spring Clips for attaching the bezel to the panel
- M2 mounting screws and washers included



**uLCD-43PT Mounted in 4.3" Bezel – Back
(Display module not included)**



**uLCD-43 Mounted in 4.3" Bezel - Front
(Display module not included)**



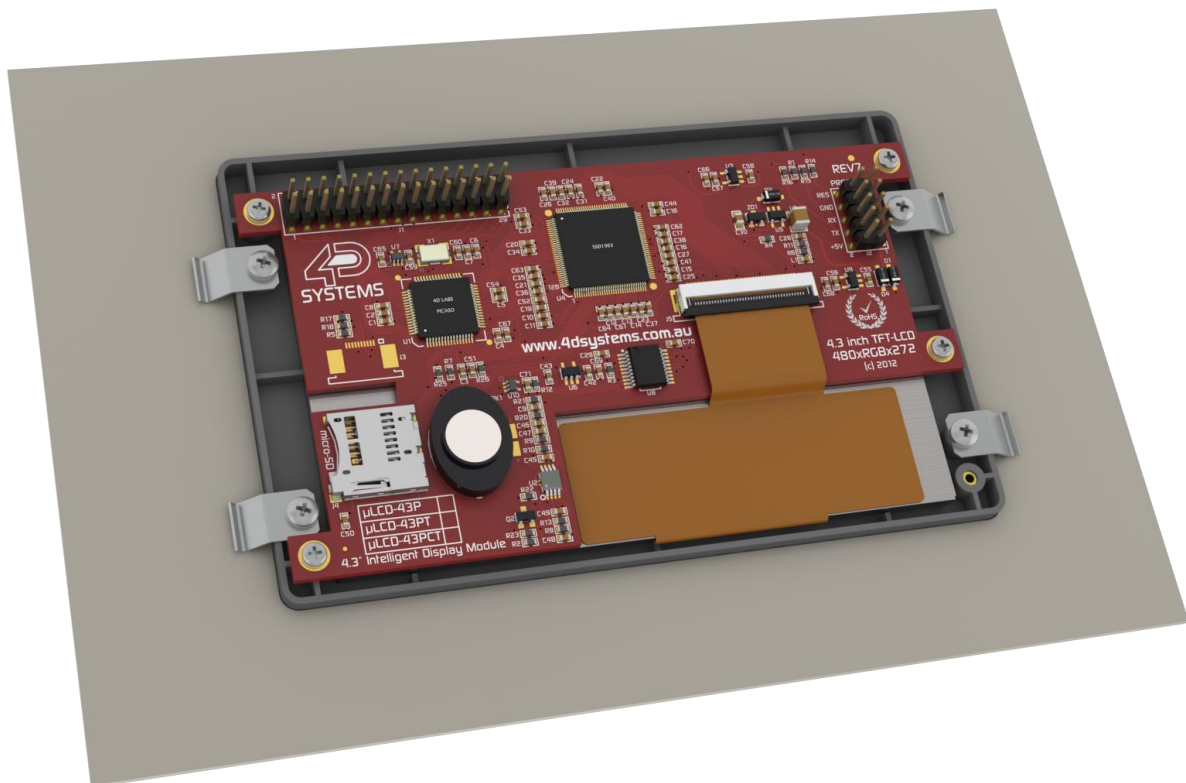
Spring Clips

The DS-43 Development Stand is designed to be used with a uLCD-43DT display module and 4DBEZEL-43. A display module is not included with the DS-43.

3. Assembly of the Display Module onto the Bezel and on to the Display Stand

For ease of illustration, pictures below are of a flat panel rather than the Display Stand. The process is the same, as the bezel can be mounted into an enclosure/panel or into the stand, as required.

- 1) Place the uLCD-43DT (or uLCD-43PT, 4DLCD-FT843, Armadillo-43T) face down into the bezel, taking care of the orientation of the display so the active area of the display is visible through the viewing hole on the front of the bezel.
- 2) Insert 4 of the screws with 4 of the washers into the mounting tabs to secure the display on the bezel. Nip the screws up but take care not to over tighten or damage may be done to the bezel.
- 3) Place the assembled bezel into the Panel/Enclosure/Stand, taking note of the orientation of the display. The display will only fit one way into the bezel, in order for the full Active Area of the display to be visible.
- 4) Place a washer on one of the remaining screws, followed by a spring clip, and attach to one of the brass inserted holes on the bezel, allowing the spring clip to work against the panel, holding the bezel firmly in place.
- 5) Repeat for the remaining screws.
- 6) The bezel should now be securely fitted to the Panel/Enclosure/Stand, and the display should be securely fitted to the bezel.



uLCD-43PT secured to the 4.3" Bezel, and Bezel secured to the Panel/Enclosure/Stand using the spring clips

ORDERING INFORMATION

Order Code:

DS-43 (Display Stand only)

DS-43-WB (Display Stand with White Bezel)

DS-43-BB (Display Stand with Black Bezel)

4. Legal Notice

Proprietary Information

The information contained in this document is the property of 4D Systems Pty. Ltd. and may be the subject of patents pending or granted, and must not be copied or disclosed without prior written permission.

4D Systems endeavours to ensure that the information in this document is correct and fairly stated but does not accept liability for any error or omission. The development of 4D Systems products and services is continuous and published information may not be up to date. It is important to check the current position with 4D Systems. 4D Systems reserves the right to modify, update or makes changes to Specifications or written material without prior notice at any time.

All trademarks belong to their respective owners and are recognised and acknowledged.

Disclaimer of Warranties & Limitation of Liability

4D Systems makes no warranty, either expressed or implied with respect to any product, and specifically disclaims all other warranties, including, without limitation, warranties for merchantability, non-infringement and fitness for any particular purpose.

Information contained in this publication regarding device applications and the like is provided only for your convenience and may be superseded by updates. It is your responsibility to ensure that your application meets with your specifications.

Images and graphics used throughout this document are for illustrative purposes only. All images and graphics used are possible to be displayed on the 4D Systems range of products, however the quality may vary.

In no event shall 4D Systems be liable to the buyer or to any third party for any indirect, incidental, special, consequential, punitive or exemplary damages (including without limitation lost profits, lost savings, or loss of business opportunity) arising out of or relating to any product or service provided or to be provided by 4D Systems, or the use or inability to use the same, even if 4D Systems has been advised of the possibility of such damages.

4D Systems products are not fault tolerant nor designed, manufactured or intended for use or resale as on line control equipment in hazardous environments requiring fail – safe performance, such as in the operation of nuclear facilities, aircraft navigation or communication systems, air traffic control, direct life support machines or weapons systems in which the failure of the product could lead directly to death, personal injury or severe physical or environmental damage ('High Risk Activities'). 4D Systems and its suppliers specifically disclaim any expressed or implied warranty of fitness for High Risk Activities.

Use of 4D Systems' products and devices in 'High Risk Activities' and in any other application is entirely at the buyer's risk, and the buyer agrees to defend, indemnify and hold harmless 4D Systems from any and all damages, claims, suits, or expenses resulting from such use. No licenses are conveyed, implicitly or otherwise, under any 4D Systems intellectual property rights.

5. Contact Information

For Technical Support: www.4dsystems.com.au/support

For Sales Support: sales@4dsystems.com.au

Website: www.4dsystems.com.au

Copyright 4D Systems Pty. Ltd. 2000-2015.