CountDown Touch

User Manual

interspace industries

Unit 1A

126 Great North Road

Hatfield, Hertfordshire

AL9 5JN

UK

Tel: +44 (0) 1462 600101

Email: moreinfo@interspaceind.com

www.interspaceind.com

interspace industries

Cueing and Presentation Control Specialists

Contents

FCC Compliance Information Statement

Declaration of Conformity

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

We, Interspace Industries, have determined that the above named equipment has been shown to comply with the applicable technical standards. Furthermore, we warrant that each unit of equipment marketed is identical to the unit tested and found acceptable with the standards. The records maintained continue to reflect the equipment being produced within the variation that can be expected due t quantity production and testing on a statistical basis.

Manufacturer:	Interspace Industries
Responsible Party in the USA:	Interspace Industries 4650 South Butterfield Drive Tucson AZ, 85714
Product:	CountDown Range of Products
Authorisation Procedure:	Declaration of Conformity

Equipment Supplied

1x CountDown Touch Main Unit
1x Main Lead
1x USB Cable

For Technical Support Or Sales Enquiries:

Interspace Industries Head Office:
+44 (0) 1462 600101
Emergency Technical Support Hot Line:
+44 (0) 7976 385 046
Website:
www.interspaceind.com

DECLARATION OF CONFORMITY

We (Interspace Industries, Unit 1a, 126 Great North Road, Hatfield, Hertfordshire, AL9 5JN, UK) declare under our sole responsibility that the products:

CountDown Touch
Big Display
Standard Display
Mini Display
Intelligent Lamp
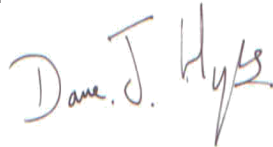(part No's: CDTOUCH, CDD3i, CDD1,CDD05i, CDIL)

Conform to the following standards:

EN60950-1:2006/A1:2010
BS EN 61000-6-3:2007
BS EN 61000-6-1:2007

Following the provision of:

The Low Voltage Directive 73/23/EEC and
The Electromagnetic Compatibility Directive 89/336/

Signed

Dave Humphrys, Managing Director
 Interspace Industries
Unit 1A, 126 Great North Road
Hatfield, Hertfordshire
AL9 5JN
United Kingdom

Introduction

CountDown Touch is the ideal product for those events running to tight schedules. The easy to navigate intuitive touch screen can be operated by the technician. CountDown Touch works by displaying either real time or the elapsed/remaining time on discreet numeric displays for the benefit of a presenter.

The system can be set to any required duration up to the maximum of 99 minutes and 59 seconds and can count up or down. CountDown Touch can also display the real time of day. To remind the presenter to summarize and conclude, the display digits can also be programmed to change colour from Green to Amber to Red.

A range of numeric tri-colour displays are available for long distance and up close viewing and Intelligent Lamp and Light Tower options can also be used to only show the colour change.

Professional Presenter Timekeeping

We hope that CountDown Touch exceeds your expectations and welcome any feed-back that you have about this or any of our products.

Thank you.

The Interspace Industries Team

www.interspaceind.com

Safety Instructions

All safety and operating instructions should be read before this product is operated and should be retained for further reference. Please adhere to all the warnings on this product and in these operating instructions. Please follow these instructions carefully.

Power. Only use the power source indicated on the device. Devices equipped with a grounded plug should only be used with a grounded type outlet. In no way should grounding be disconnected, modified or suppressed.

Power Supply Lead. To unplug the device always pull by the plug itself, not the power supply lead. The power source outlet should always be near the CountDown Touch main unit and easily accessible. Ensure the power supply lead cannot be walked on or damaged by items placed on or against it. **Do not use if the power supply lead is damaged.** Using the device with a damaged power supply lead may expose you to electric shock or other hazards. Check the condition of the power supply lead regularly. Contact your dealer or service centre immediately for a replacement if damaged.

Keep Away From Harmful Substances

To prevent the risk of electric shock and fire, do not expose this device to rain, humidity or intense heat sources (such as radiators or direct sunlight). Avoid using this equipment in environments where there is excessive heat, dust, moisture, chemicals, vibration or mechanical shock.

Slots and Openings. These are designed into the device for ventilation and to avoid overheating. Always ensure these openings remain clear. **Do not attempt to insert anything into these openings under any circumstances**. If liquids have been spilled on, or objects have fallen into the product it must be checked by a qualified technician before reusing.

Connections. All inputs and outputs (except for power input) are TBTS defined under EN60950.

DO NOT OPEN SYSTEM DUE TO HIGH VOLTAGE.

DO NOT IMMERSE IN WATER.

Use **Restart** to reload the current selected profile into the main display. Note this will only work if the timer is paused or stopped. The **Flash** button causes the main display to **Flash**. Note this cannot be used together with the **On/Off** button.

Programming Memory

In the top left corner of the main screen there are 4 icons for **Countdown, Countup, Memory** and **Tools**. To change from countdown to countup you must pause or stop the timer. The **Memory** and **Tools** buttons are immediate. The Memory page uses containers on the right side of the screen. Select which one of the 4 memories you want to edit, select count up or down. On the left select a container to edit the time, enter a new time and push the container again to save that time. Push **Load** to run the selected Memory.

Tools

The Tools screen allows setting the time of day and time format. Use the **Set Time of Day** button to enter time of day edit mode.

You can enter time in 12 or 24 hour format. Once complete push the **Store** button. Use the **Time to Day** button to show the time in the main display. Use the **Count Past Zero** button to keep counting down after 00:00 with negative time.

In addition, you can turn off key-click and finally, the **Tools** screen also provides access to the help screens.

Environmental

WEEE and RoHS Compliance. CountDown Touch and its associated accessories have been manufactured and sold in accordance with the requirements of the ECEE and RoHS directives. Please return all end-of-life items to your supplier, or your local Interspace Industries representative directly, for appropriate disposal.

Packaging Materials:

Cardboard box: Grade 150K/T 'B' (Single Walled Corrugated- Brown Kraft)

Protective Foam: Grade HLB 22 Grey Foam (High Load Bearing)

Apply power to the main unit using the universal IEC power connector input on the back of the main unit. The touch screen will display a Splash Screen Page with the option to continue or to be directed to the **Help** pages.

The remote displays will remain off until either one of the profiles has been started or the clock mode has been selected.

Programming a Timer Profile

(Information about programming can also be found under the **Help** pages on the device itself)

Please make sure you are using the latest firmware version.

For the latest firmware update go to our website www.interspaceind.com.

Setting Count Down

To set count down time use the up and down arrows. Use these buttons to set the total Green time and for setting Amber and Red Times. Push the **Go** button and the time will start counting down. Pushing the same button will pause the timer.

The **Off** button will turn off the display but the selected profile will continue to run.

Selecting one of the three traffic lights buttons will force the display to this colour and override the present colour. Select the same traffic light button again to turn off, the display will then return to the original colour.

Editing running time

Use the **Update** button and the Green time to cut or extend the display time while running. For example, to cut the display time by 2 minutes reduce the Green time by 2 minutes then push **Update**. There is no **Update** function on the Count Up screen.

Min/Sec button– The system powers up in minutes mode (**Min**) where just the minutes can be changed. To change to seconds select the **Min** button to show **Sec** and set the seconds for the Green, Amber and Red times.

The **Zero** button causes the Green, Amber and Red times to be set to zero. Use this in conjunction with the **Update** button to end a Count Down.

If you have any queries regarding these safety instructions or how to maintain the unit please do not hesitate to contact us on:

+44(0) 870 770 8088

Servicing. Do not attempt to service this product yourself. Should an unauthorised person attempt to either open the covers or service our products, it may invalidate your Limited Factory Warranty. In addition, opening or removing covers and screws may expose you to electric shocks or other hazards. Refer all servicing to a qualified service personnel.

Setting Up

All connections can be made using standard 3-pin XLR (mic) cables. CountDown Touch can be set up and operated over a combined total distance of no more than 100 meters (300') to the remote displays.
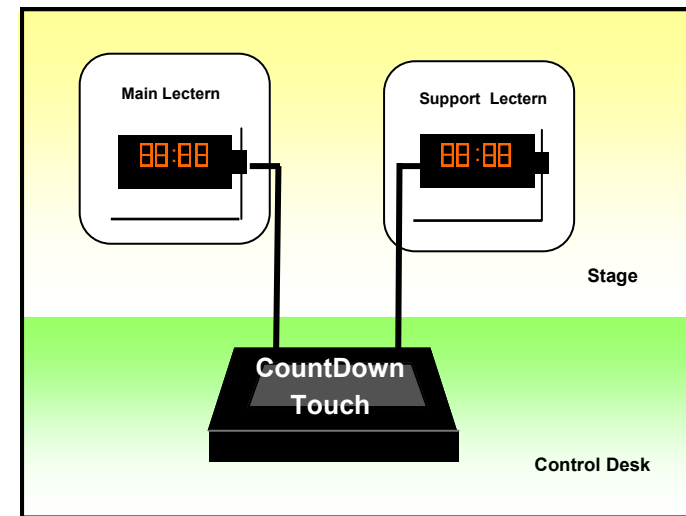

Figure 1 Connections Diagram

Note: A combination of displays and optional intelligent lamps can be added to the system using standard mic cable splitter (3-pin XLR type), such as our own **Splixler** product thereby providing for multiple displays, for instance displays located on more than one lectern. The sum of the total distance between *all* displays and the main unit should not exceed 100m(300').

<div style="text-align: center">General Features</div>

Count Up or Down. The system can be programmed to run a timer that counts up or down.

Count Below Zero. The system can be set to continue counting below zero when countdown has finished running.

Colour Changes. The system can be programmed to change the colour of the remote display at pre-determined times during a timer profile. This provides a means of emphasising elapsed or remaining times. The remote displays can change from green to amber to red for remaining times. It can also be changed manually at any time during the profile.

Note: The twin LED colon between the hours and minutes digits on the remote displays is coloured red when the digits are either amber or green, and green when the digits turn red.

Intelligent Lamp Option. In addition to the numerical remote displays, tri-coloured 'Intelligent Lamps' can be used to simply display the colour changes to further emphasise the stages of the elapsed or remaining time. The lamps will change colour in the same way as the numerical remote displays, according to the programming of the profile that is running.

Flash Mode. At any time the remote displays and/or intelligent lamps can be made to flash to further emphasise the elapsed or remaining time. The flash feature can be used while displaying real time in clock mode also.

Pause Mode. At any time while a profile is running the remote display can be paused by selecting the **Pause** button from the main screen. This can be resumed at any time by pressing **Go** again which will take the system out of the pause mode. The real-time clock will continue to run despite the pausing of the time profile.

Programming 'On the Fly': CountDown Touch is designed so that an operator can program or edit timer profiles at any time while another timer profile is running or the system is in clock display mode. This allows for easy adjustments to the timing of an event whenever required.

Colour change. While a profile is running, a colour change can be implemented immediately by selecting the chosen colour on the touch screen.

Specifications:

Power

    100-240VAC

Signals

    2xXLR out carrying data and 12V

    USB in for System Firmware update

Dimensions mm (inch)

    D x W x H

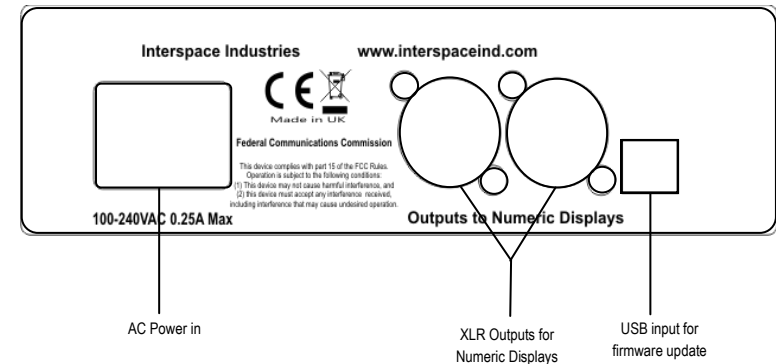   110 (4 ¼")x165 (6 ½")x185(2¼")

Weight

    880g(31oz)

Note XLR cable is not supplied as standard.

<div style="text-align: center">Operating Instructions</div>

Unpacking and Connections. Unpack the main unit and place on a flat surface within easy reach of the operator.

Unpack and position the remote display where it can be viewed by the presenter and connect this to the main unit using standard 3-pin XLR (mic) cables.