

# CountDown Splitter

User Manual



Cueing and Presentation Control Specialists

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## Introduction

CountDown Splitter is designed to expand CountDown system outputs by up to 4 times and extend the cabling distance by up to a further 90%. A single cable run from the CountDown<sup>2</sup> main unit to the stage 100m (300') away can be easily split out to multiple on-stage display units.

Designed for use with Interspace Industries CountDown<sup>2</sup> and Soft Countdown, CountDown Splitter is an active unit powered by an external DC power supply (included) and uses standard XLR (mic) cable connections for easy set-up.

Some applications for CountDown Splitter:

- Extending cable runs that may require in excess of the standard CountDown system 100m (300') maximum
- Expansion of a single CountDown main unit cable feed to multiple on-stage timer display units
- Expanding to provide for timing display units both on stage and back stage

### ***Expand and Extend Timing Display Units with CountDown Splitter***

We hope that CountDown Splitter exceeds your expectations and welcome any feedback that you have about this or any of our products.

Thank you.

The Interspace Industries Team  
[www.interspaceind.com](http://www.interspaceind.com)

## Safety Instructions

All the 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 this grounding be disconnected, modified or suppressed.

**Power Supply Cord (where applicable).** To unplug the device, do not pull the power supply cord but always the plug itself. The power source outlet should always be near the CountDown Splitter main unit and easily accessible. Ensure the power supply cord cannot be walked on or damaged by items placed on or against it. **Do not use if the power supply cord is damaged.** Using the device with a damaged power supply cord may expose you to electric shock or other hazards. Check the condition of the power supply cord 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 shocks.

**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 re-using.

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

- **DO NOT OPEN SYSTEM DUE TO POSSIBLE HIGH VOLTAGE.**
- **DO NOT IMMERSE IN WATER.**

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)1462 600101**

**Servicing.** Do not attempt to service this product yourself. Opening or removing covers and screws may expose you to electric shocks or other hazards. Refer all servicing to qualified service personnel.

# DECLARATION OF CONFORMITY

We declare under our sole responsibility that the product

## CDSPLITTER

Conform to the following standards:

EN 62368-1:2014 Audio/Video, Information ,  
Communication technology equipment—Part 1: Safety Requirements  
EN 55103-1:2009 (Emissions) / EN 55103-2:2009 (Immunity)

Following the provisions of the EEC Directive 2014/30/EU and 2014/35/EU

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### Federal Communications Commission

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

## **Environmental**

**WEEE and RoHS2 Compliance.** Countdown Splitter and its associated accessories have been manufactured and sold in accordance with the requirements of the EC WEEE and RoHS2 directives. Please return all end-of-life items to your supplier, or Interspace Industries directly, for appropriate disposal.

### **Packaging Materials:**

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

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

## **Operating instructions**

### **Unpacking and Connections.**

Unpack the Main Unit and place on a flat surface within easy access for the power supply and signal cabling.

### **Power.**

Plug the DC adaptor to a mains power source. Connect the DC adaptor to the DC input on the rear panel of Countdown Splitter and turn on the main power. The yellow LED on the front panel will illuminate to show power is now connected.

### **Input and Output Connections (refer Fig 1).**

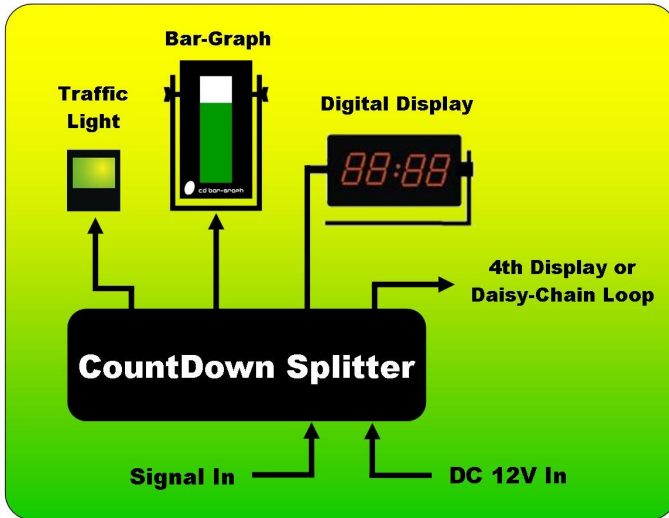
Countdown Splitter accepts a male 3-pin XLR plug carrying the Countdown<sup>2</sup> or Soft Countdown main unit signal input, and provides for 4 x 3-pin XLR female socket outputs.

### **Multiple Extensions.**

Multiple Countdown Splitters can be daisy-chain linked to further expand and/or extend cabling to remote display units.

### **Cable Run Lengths.**

Each Countdown Splitter unit can safely extend to an overall combined output cable length of up to 90m when using professional grade XLR (mic) cables.



*Figure 1 Connections Diagram*

## Equipment Supplied

- 1 x CountDown Splitter Main Unit
- 1 x DC Power Supply

## 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](http://www.interspaceind.com)**



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