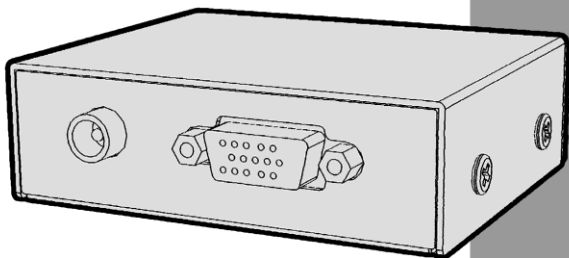


# datavideo



**TALLY BOX  
TB-5**

## **Instruction Manual**

[www.datavideo.com](http://www.datavideo.com)

# Warranty

## Standard Warranty

- Datavideo equipment is guaranteed against any manufacturing defects for one year from the date of purchase.
- The original purchase invoice or other documentary evidence should be supplied at the time of any request for repair under warranty.
- The product warranty period begins on the purchase date. If the purchase date is unknown, the product warranty period begins on the thirtieth day after shipment from a Datavideo office.
- All non-Datavideo manufactured products (product without Datavideo logo) have only one year warranty from the date of purchase.
- Damage caused by accident, misuse, unauthorized repairs, sand, grit or water is not covered under warranty.
- Viruses and malware infections on the computer systems are not covered under warranty.
- Any errors that are caused by unauthorized third-party software installations, which are not required by our computer systems, are not covered under warranty.
- All mail or transportation costs including insurance are at the expense of the owner.
- All other claims of any nature are not covered.
- All accessories including headphones, cables, batteries, metal parts, housing, cable reel and consumable parts are not covered under warranty.
- Warranty only valid in the country or region of purchase.
- Your statutory rights are not affected.

## Three Year Warranty

- All Datavideo products purchased after July 1st, 2017 qualify for a free two years extension to the standard warranty, providing the product is registered with Datavideo **within 30** days of purchase.
- Certain parts with limited lifetime expectancy such as LCD panels, DVD drives, Hard Drive, Solid State Drive, SD Card, USB Thumb Drive, Lighting, Non-PCIe Card and third party provided PC components are covered for 1 year.
- The three-year warranty must be registered on Datavideo's official website or with your local Datavideo office or one of its authorized distributors within 30 days of purchase.



## Disposal



### **For EU Customers only - WEEE Marking**

This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment.

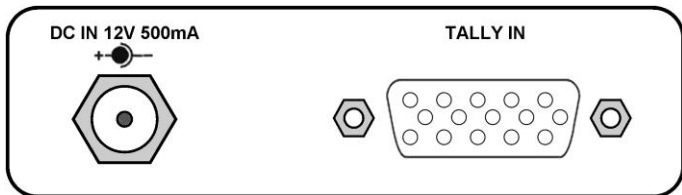
The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

## Introduction

The TB-5 Tally Box is an accessory for the SE-500 Vision Mixer; or SE-800 Vision Mixer, together with the RMC-90 Remote Control Panel. The TB-5 reads the 15 Pin Tally output from the SE-500 / RMC-90 and provides two colour LED tally lights for each of the four input channels.

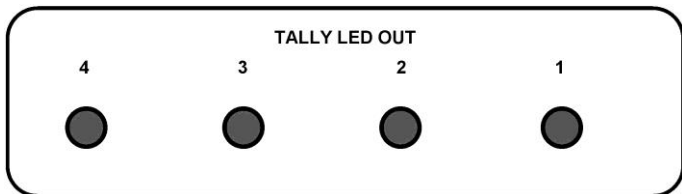
**For longer cable runs the optional Datavideo CB-1 50m Extension Cable is available. The CB-1 is a 50metre Male to Female 3.5mm Jack Cable.**

## Connections



Connect the 12V 500mA Power supply to the DC IN socket.

Connect one end of the 15 Pin Tally Cable to the TALLY IN socket of the TB-5. Connect the other end to the TALLY OUT socket on the SE-500, or either one of the TALLY OUT sockets of the RMC-90 (TALLY A OUT or TALLY B OUT).



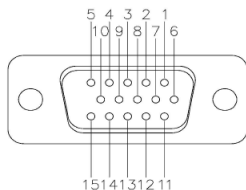
Connect one end of the 4 x 3.5mm Jack Plug Cables to TALLY LED OUT 1, 2, 3 & 4. Connect the other end of each cable to a TD-1 Tally Light.

The TD-1 will glow AMBER, when the input channel is cued up, and then RED when the input channel goes to live

**Note: If you are using the SE-800 / RMC-90 the Tally LED outputs 1, 2, 3, & 4 equate to the SE-800 input channels A, B, C, & D.**

For longer cable runs the optional Datavideo CB-1 50m Extension Cable is available. The CB-1 is a 50metre Male to Female 3.5mm Jack Cable.

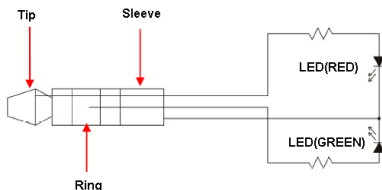
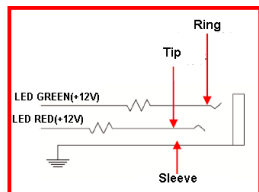
### Tally D-Sub Pin Definition



D-Sub 15 Pin Female Connector		
Video Channel	Red LED LIVE (On Air)	Green LED CUED (Next)
1	PIN 1	PIN 3
2	PIN 6	PIN 8
3	PIN 11	PIN 13
4	PIN 5	PIN 15

PINs 4/9/14 are ground pins.

### 3.5mm Jack Pin Definition

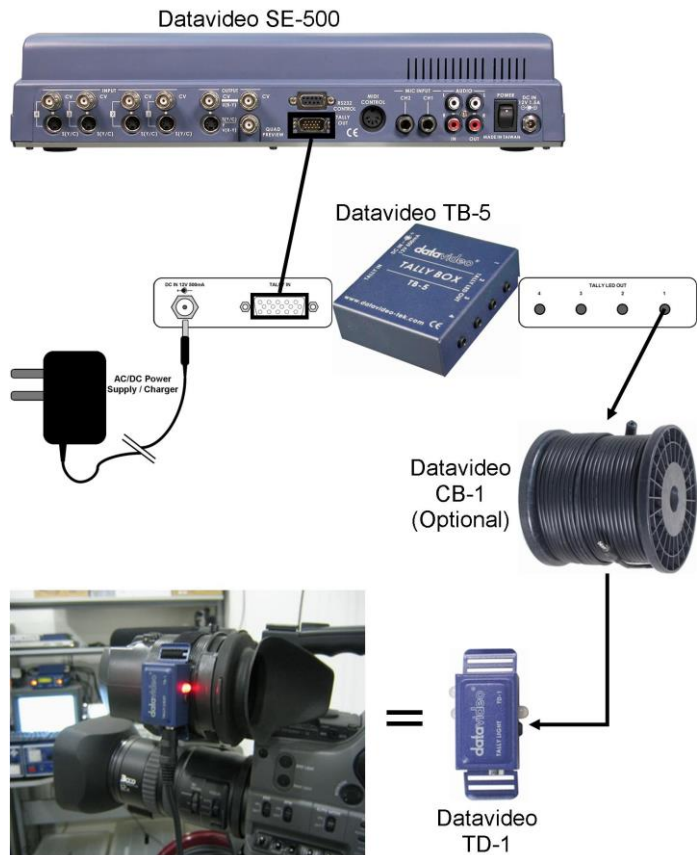


Tip	Tally RED (+12V)
Ring	Tally GREEN (+12V)
Sleeve	GND

### TB-5 Tally Cable Pin Definition



## Connection Diagram with SE-500







## Specifications

Power Requirements:	12V DC 500mA
Input:	15Pin Tally Feed from SE-500 / RMC-90
Output:	4 x 3.5mm Jack Sockets to TD-1 Tally Light
Size in mm:	76 x 62 x 24 (L x W x H)
Weight in grams:	158g

## Service & Support

It is our goal to make your products ownership a satisfying experience. Our supporting staff is available to assist you in setting up and operating your system. Please refer to our web site [www.datavideo.com](http://www.datavideo.com) for answers to common questions, support requests or contact your local office below.

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