![datavideo logo]

TB-5 Tally Box
For SE-500 / RMC 90

User's Guide

www.datavideo.us

Warranty

Datavideo warrants that the equipment it manufactures shall be free from defects in material and workmanship for a period of 12 months from the date of product purchased. If equipment fails due to such defects, Datavideo will, at its option, repair or provide a replacement for the defective part or product.

Equipment that fails after the warranty period, has been operated or installed in a manner other than that specified by Datavideo, or has been subjected to abuse or modification, will be repaired for time and material charges at the Buyer's expense. This warranty does not affect your statutory rights within the Country of purchase.

For EU Customers only - WEEE Marking.

This symbol on the product indicates that it will not be treated as household waste. It must be handed over to the applicable take-back scheme for the recycling of electrical and electronic equipment. For more detailed information about the recycling of this product, please contact your local Datavideo office.

Warnings and Precautions

1. Read all of these warnings and save them for later reference.

2. Follow all warnings and instructions marked on this unit.

3. Unplug this unit from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.

4. Do not use this unit in or near water.

5. Do not place this unit on an unstable cart, stand, or table. The unit may fall, causing serious damage

6. Slots and openings on the cabinet top, back, and bottom are provided for ventilation. To ensure safe and reliable operation of this unit, and to protect it from overheating, do not block or cover these openings. Do not place this unit on a bed, sofa, rug, or similar surface, as the ventilation openings on the bottom of the cabinet will be blocked. This unit should never be placed near or over a heat register or radiator. This unit should not be placed in a built-in installation unless proper ventilation is provided.

7 This product should only be operated from the type of power source indicated on the marking label of the AC adapter. If you are not sure of the type of power available, consult your Datavideo dealer or your local power company.

8. Do not allow anything to rest on the power cord. Do not locate this unit where the power cord will be walked on, rolled over, or otherwise stressed.

9. If an extension cord must be used with this unit, make sure that the total of the ampere ratings on the products plugged into the extension cord do not exceed the extension cord's rating.

10 Make sure that the total amperes of all the units that are plugged into a single wall outlet do not exceed 15 amperes.

11. Never push objects of any kind into this unit through the cabinet ventilation slots, as they may touch dangerous voltage points or short out parts that could result in risk of fire or electric shock. Never spill liquid of any kind onto or into this unit.

12. Except as specifically explained elsewhere in this manual, do not attempt to service this product yourself. Opening or removing covers that are marked "Do Not Remove" may expose you to dangerous voltage points or other risks, and will void your warranty. Refer all service issues to qualified service personnel.

13. Unplug this product from the wall outlet and refer to qualified service personnel under the following conditions:

    a. When the power cord is damaged or frayed;

    b. When liquid has spilled into the unit;

    c. When the product has been exposed to rain or water;

    d. When the product does not operate normally under normal operating conditions. Adjust only those controls that are covered by the operating instructions in this manual; improper adjustment of other controls may result in damage to the unit and may often require extensive work by a qualified technician to restore the unit to normal operation;

    e. When the product has been dropped or the cabinet has been damaged;

    f. When the product exhibits a distinct change in performance, indicating a need for service.

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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.

What's in the Package

1. TB-5 unit
2. 15-pin D-sub TALLY control cable
3. 4 x 3.5mm Jack Plug to 3.5mm Jack Plug Cables (1.2m)
4. 4 x TD-1 Tally Light
5. 12V 500mA AC/DC power supply.
6. User's Guide

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.

Specification

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 and 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-tek.com for answers to common questions, support requests or contact your local office below.

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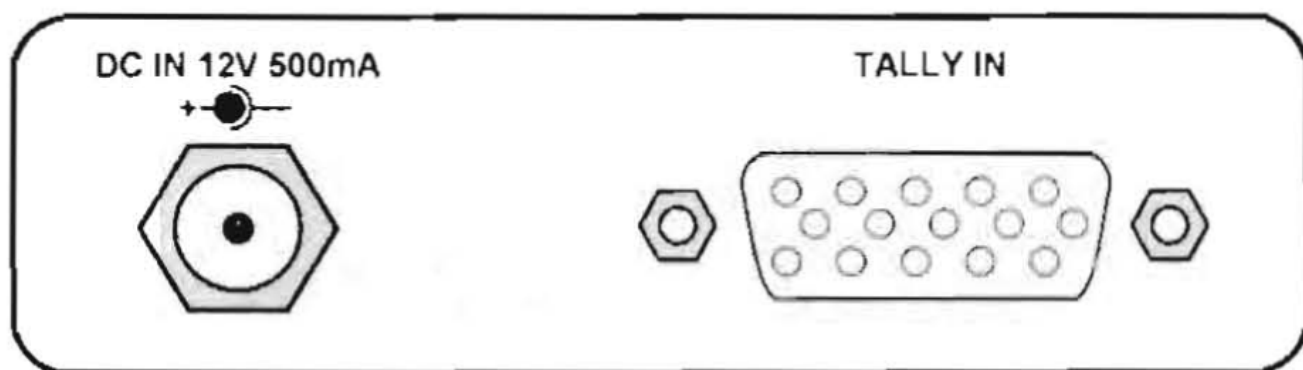No. 100, Lorong 23 Geylang, #01-03 D'Centennial Bldg, Singapore 388398
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Connections

DC IN 12V 500mA   TALLY IN

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).

TALLY LED OUT

4   3   2   1
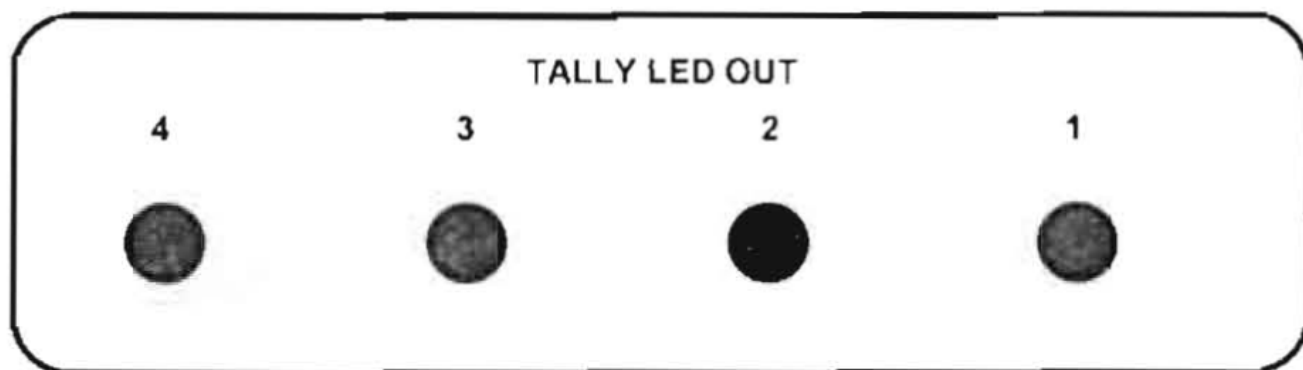
Connect one end of the 4 x 3.5mm Jack Plug Cables to TALLY LED OUT 1, 2, 3 & 4 Connect the other end of each cable to a TD-1 Tally Light.
The TD-1 will glow AMBER, when the input channel is cued up, and then RED when the input channel goes to live

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.
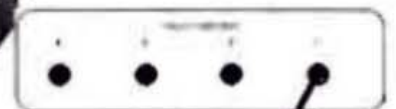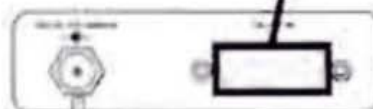
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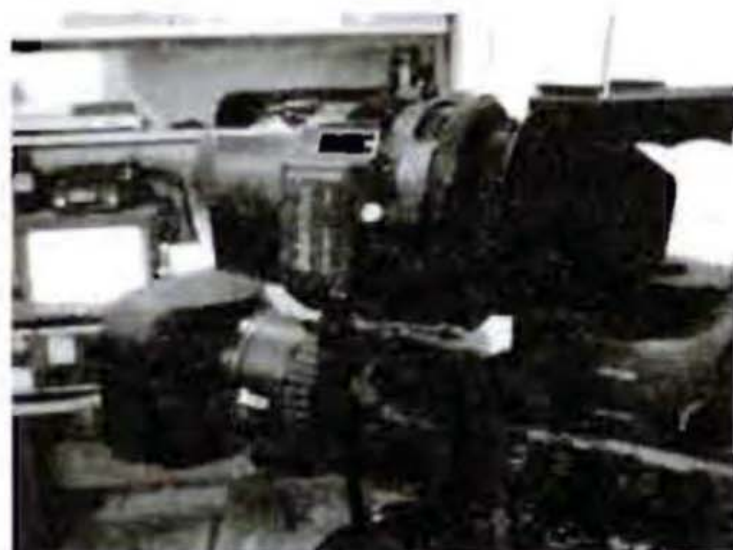
Connection Diagram with SE-500

Datavideo SE-500

Datavideo TB-5

AC/DC Power Supply / Charger

Datavideo
CB-1
(Optional)

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Datavideo
TD-1

Connection Diagram with SE-800 / RMC-90

Datavideo SE-800

Datavideo RMC-90

Datavideo TB-5

AC/DC Power Supply / Charger

Datavideo
CB-1
(Optional)

Datavideo
TD-1