



MS-500A Mobile Video Studio



Instruction Manual

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Contents

Warnings and Precautions	-----3
Warranty	-----4
What is in the package	-----4
Introduction	-----5
Installation	-----5
Transportation	-----5
Opening Front	-----5
Returning SE-500 to Transit Position	-----7
Opening Rear	-----7
Front Overview	-----8
Rear Overview	-----9
Specifications	----- 10
Service and Support	----- 11



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 top, back, and bottom of each cabinet 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. 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 unit 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 any of the units 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 any of the units.
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 any of the units;
 - c. When any of the units have been exposed to rain or water;
 - d. When the unit does not operate normally under normal operating conditions. Adjust only those controls that are covered by the operating instructions in the respective instruction 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.

The MS-500A is around 60kg - DO NOT attempt to lift single handed !

Note: The MS-500 should be transported in an upright position, do not place the unit on its side or upside down.

If the MS-500 has to be moved a considerable distance it is advisable to place the unit on a trolley or wheel base.

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.

What is in the Package

1	x	Goose neck MIC for ITC 100
1	x	Goose neck LED light (12V DC) for ITC 100
4	x	Tally LED TD-1
4	x	Tally Cable 1.2M
4	x	ITC-100SL Headset
4	x	ITC-100SL
4	x	Belt pack for ITC-100SL
4	x	XLR to XLR cable 20M
15	x	120mm cable tie
6	x	Anti-vibration screw
1	x	Hexagonal screw driver (For M3 screw)
1	x	Hexagonal screw driver (For M5 screw)
1	x	AC Power Cord
1	x	MS-500A Instruction Manual
1	x	SE-500 Instruction Manual
1	x	ITC-100 Instruction Manual
1	x	TLM-702 Instruction Manual
1	x	PD-1 Instruction Manual
1	x	RP-14 Instruction Manual

Introduction

The Datavideo MS-500A is a mobile video studio. All internal wiring has been installed, ready to go, saving valuable time when setting up or breaking down. To get the most out of your MS500A please read this user manual, and the other user manuals supplied, and familiarise yourself with the many features.

Installation

Transportation

Always ensure that the MS-500 is transported in an upright position, and avoid dropping the MS-500 as damage may occur.

Opening

Place the MS-500 on a sturdy, flat surface that is capable of easily taking the weight. Due to the weight it is not advisable to use folding tables.

On each side of the MS-500 are four clasps.



Undo each clasp by folding the wing nut out and rotating it. The clasp can then swing free.



The MS-500 should now look like this.



Front

To slide the SE-500 forward to the operating position unclip the two transit locks and pull the tray forward until it locks into position.



With the SE-500 in position it should look like this.

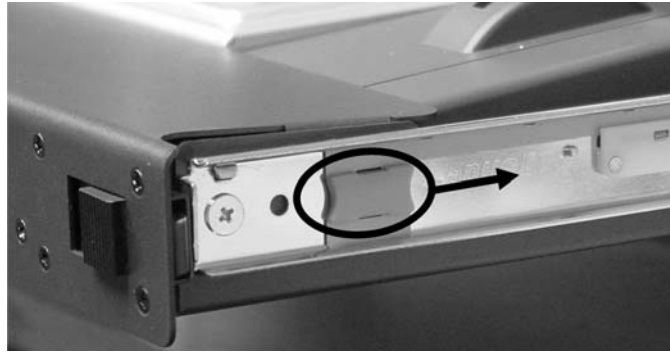


Returning the SE-500 to Transit Position

The SE-500 sliding tray (RP-10) has two locks, one either side, which ensure the unit does not slide around during operation.

When the shoot is complete the SE-500 must be returned to the transit position.

Both tray locks must be released simultaneously. To release the tray locks, push them back until the tray is released, then slide the tray back.



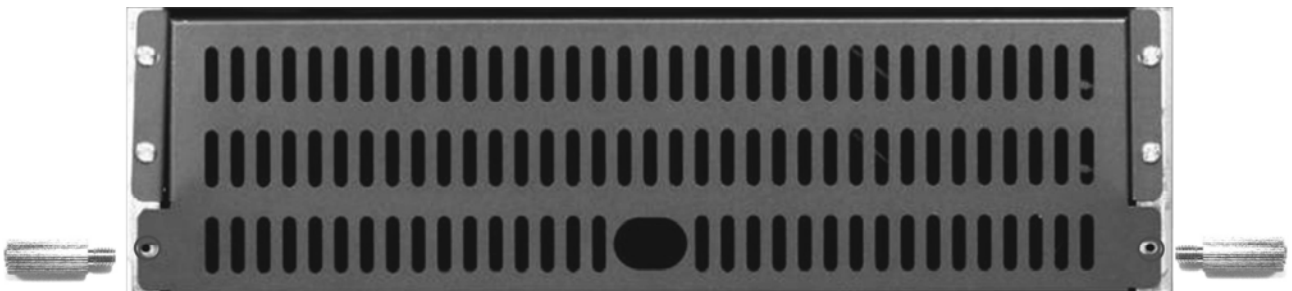
To fully close the shelf, and lock it for transit, push the two sprung loaded transit locks in, and close the shelf fully before releasing them.



Rear

On the rear of the MS-500 are two 3U hinged covers, these allow access to the rear of the RP-14, for fitting a DVD recorder / DVCAM Deck or similar, the ITC-100 for connecting the ITC-100SL cables, and the SE-500 for the connecting the cameras etc.

To open the covers, remove the thumb screws which are situated on each side of the cover. Once the screws are removed the cover will hinge upwards to allow access.



Front Overview

Please refer to the individual instruction manual of each item for further details.

The RP-14 is a universal rack shelf. It can be used to fit a DVD Recorder / DVCAM Deck or similar

The ITC-100 Talkback / Intercom provides up to 8 channel (4 as standard) bi-directional communication with the camera crew

The TLM-702 monitor bank displays the Quad Preview on the left and Master Output on the right



Inside the RP-14 are four pre-wired cables. These are for connecting to a record device such as a DVD Recorder or VTR.



These cables are wired as follows:

Cable 1 and 2 are connected to Audio Out Left / Right from the SE-500

Cable 3 is a Composite output from the SE-500

Cable 4 is connected to the TLM 702 "Program Monitor" (Right Hand Side) - Video Input 2. To view this switch the Source Switch of the Program Monitor from V1 to V2.

Rear Overview

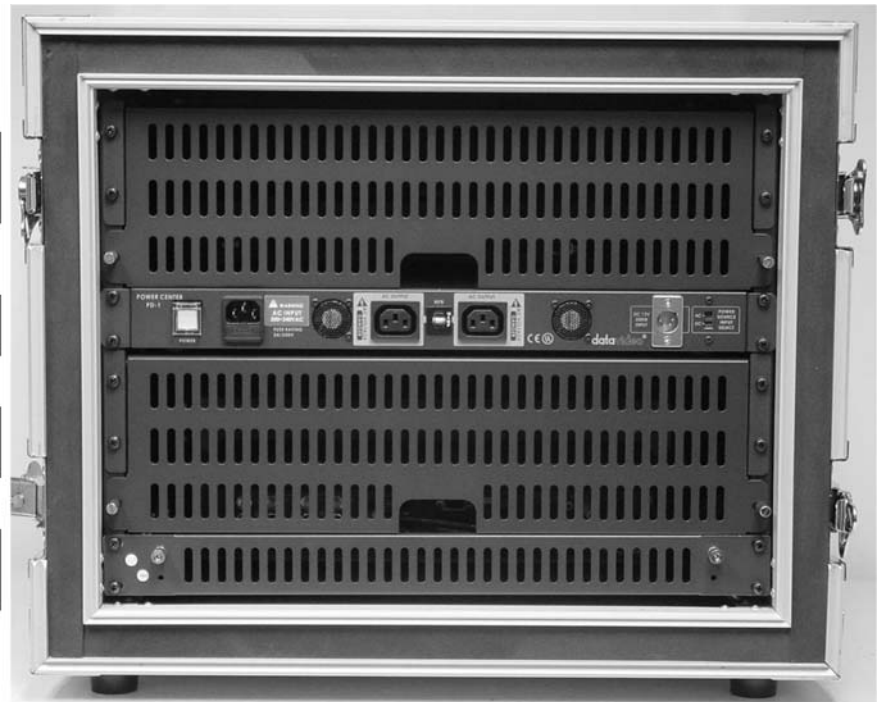
Please refer to the individual instruction manual of each item for further details.

3U Hinging Cover—Provides access to the rear of the RP-14 for connecting DVD Recorder / DVCAM Deck or similar

PD-1 Power Distribution provides power to all items in the MS-800.

3U Hinging Cover—Provides access to the rear of the SE-500 for camera connection etc

1U Rear Panel—Provides grounding terminal for connection to other devices to ensure proper ground.



Specification

Please refer to individual instruction manuals for specifications of each product.

Case Dimensions:

Depth 72 cm

Width 60 cm

Height 49 cm

Total Weight 61.5 Kg

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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