



# **MS-800A Mobile Video Studio**



## **Instruction Manual**

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

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## 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-800A is around 70kg - DO NOT attempt to lift single handed !**

**Note: The MS-800 should be transported in an upright position, do not place the unit on its side or upside down.**

**If the MS-800 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
1	x	Goose neck LED light (12V DC)
4	x	IEEE1394 20M cable (6P)
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 cable with connector 20M
1	x	XLR cable 1.2M (4P) Female to Male connector
1	x	DV Bank DN-100 I/R Remote Control
4	x	CA64-IEEE1394 6 Pin Socket to 4 Pin Plug 30cm
30	x	120mm cable tie
10	x	200mm cable tie
10	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-800A Instruction Manual
1	x	SE-800 Instruction Manual
1	x	RMC-140 Instruction Manual
1	x	ITC-100 Instruction Manual
1	x	TLM-404 Instruction Manual
1	x	TLM-702 Instruction Manual
1	x	DV Bank DN-100 Instruction Manual
1	x	PD-1 Instruction Manual
1	x	RP-8 Instruction Manual

## Introduction

The Datavideo MS-800A 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 MS800A 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-800 is transported in an upright position, and avoid dropping the MS-800 as damage may occur.

### Opening

Place the MS-800 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-800 are four clasps.



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



The MS-800 should now look like this. Note: Sony DSR-11 is for illustration purposes only; it is not included with the MS-800.



### Front

To slide the SE-800 forward to the operating position unclip the two transit locks and pull the tray forward until it locks into position.



With the SE-800 in position it should look like this.



## Returning the SE-800 to Transit Position

The SE-800 sliding tray (RP-9) has two locks, one either side, which ensure the unit does not slide around during operation.



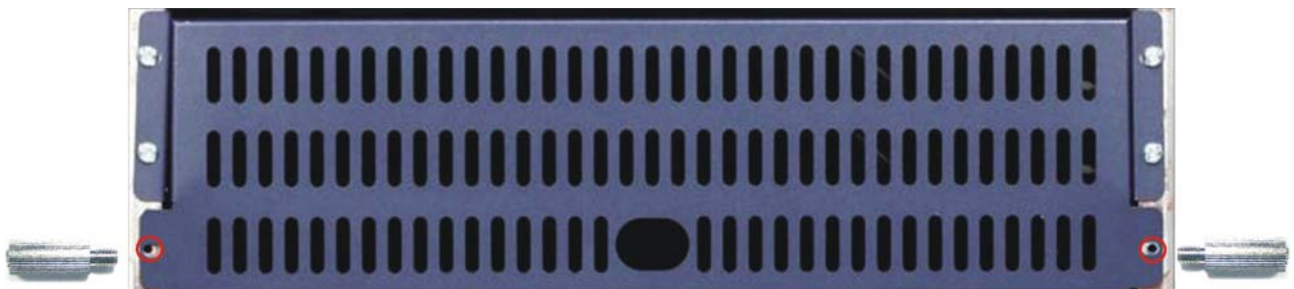
When the shoot is complete the SE-800 must be returned to the transit position. Both tray locks must be released simultaneously. To release the tray locks, push them back until the tray is released, then slide the tray back until the transit locks snap into place.



## Rear

On the rear of the MS-800 are three 3U hinged covers, these allow access to the rear of the RP-8, for fitting DN-100, DSR-11 or similar, the ITC-100 for connecting the ITC-100SL cables, and the SE-800 for the connecting the cameras etc.

To open the cover, 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-8 provides mounts for Datavideo DN-100 DV HDD Recorder and Sony DSR-11 (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 display the Next Source Preview on the left and Master Output on the right

The TLM-404 monitor bank display the four input channels—Above each monitor is a tally display Green means Safe, Amber means Cued and Red Means Live.



## 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-8 for connecting DN-100 / Sony DSR-11 etc

3U Hinging Cover—Provides access to the rear of the ITC-100 for talkback cables etc

RP-7 Combines RMC-140 (to provide next source and tally information) and VP-332 DV Repeater (to provide multiple DV outputs)

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

3U Hinging Cover—Provides access to the rear of the SE-800 for camera connection etc



## **Specification**

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

Case Dimensions:

Depth 70 cm

Width 58 cm

Height 64 cm

Total Weight 69.5 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](http://www.datavideo-tek.com) for answers to common questions, support requests or contact your local office below.

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