

**datavideo**<sup>®</sup>

## **Mobile Video Studio**

# **HS-800**



## **INSTRUCTION MANUAL**

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

Rev 170409

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## Warnings and Precautions

**The HS-800 is heavy – approximately 60Kg. A minimum of 2 people are required to lift or move this product.** The HS-1000 should be always lifted and placed in an upright position; do not place or try to move the unit in any other position as damage or injury could result. There are two carry handles on either side of the product, please use these handles to safely share the weight between the people lifting the HS-800. Always use a trolley to safely transport the HS-800 over distances of 2 metres or more.

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 wet conditions 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, damaged, stretched 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 a liquid has been 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 properly 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/screen has been damaged;
14. When the product exhibits a distinct negative change in performance, indicating a need for service.

## 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.

## HS-800 Packing List & Accessories

HS-800 case including the following factory fitted and pre-cabled items

- 1x DN-500 Recorder
- 1x SE-800 Mixer
- 1x ITC-100 Talk back system
- 1x TLM-702 for PVW & PGM Monitors
- 1x TLM-404 Source Monitors
- 1x RP16 – Rear control panel for RMC-140, DV PGM out and XLR audio in/out
- 1x PD-1 – Rear mounted power distribution unit
- 2x Removable case cover (Front and Rear)
- 1x AC Power Cord (PD-1)
- 1x Trolley for HS-800

HS-800 Manual Binder containing

- 1x HS-800 Instruction Manual
- 1x SE-800 Instruction Manual
- 1x RMC-140 Instruction Manual
- 1x ITC-100 Instruction Manual
- 1x TLM-404 Instruction Manual
- 1x TLM-702 Instruction Manual
- 1x PD-1 Instruction Manual
- 1x DN-500 Instruction Manual
- 1x RP-16 Instruction Manual

SE-800 Accessories

- 4x IEEE1394 DV cable (6-6 Pin) 20M
- 4x IEEE1394 DV 6pin socket to 4pin plug adapter cable 30cm

ITC-100 / RP-16 Accessories

- 1x MC-2 Goose neck MIC
- 1x LP-1 Goose neck LED light
- 4x TD-1 Tally LED with Black Velcro strap 36cm
- 4x GPI Cable 1.2M for TD-1
- 4x MC-1 Headsets
- 4x ITC-100SL belt pack
- 4x CB-3 XLR 5pin cable 20M
- 4x CB-17 Headset adapter cable for ITC-100SL (optional)

DN-500 Accessories

- 2x 2.5" HDD enclosure (w/o HDD fitted)
- 1x Y type USB cable (for mounting HDD enclosure to computer)
- 2x HD Label (small)
- 2x SD Label (small)
- 4x Blank sticker
- 10x Screw M3\*4mm Silver (spare)
- 2x ISO screw 2\*8mm Black (spare)
- 1x DV file converter software on CD-ROM disc

TLM-404 / TLM-702 Accessories

- 30x 120mm cable tie (spare)
- 10x 200mm cable tie (spare)
- 10x Anti-vibration screw + M5\*10 washer Black (spare)
- 1x Hexagonal screw driver/Allen Key (for M3\*6 screw)
- 1x Hexagonal screw driver/Allen Key (for M5\*5 screw)

## Introduction

The Datavideo HS-800 Mobile Video Studio is a ready to go solution; it will save a lot of your valuable time when setting up or breaking down in the field. To get the most out of this product please read this user manual, and the other associated user manuals supplied within the Manual Binder to familiarise yourself with all the products within the HS-800.

## Installation

### Transportation & Placement

***The HS-800 is heavy – approximately 60Kg – Do not attempt to lift or move it on your own.***

A minimum of 2 people are required to lift or move this product. There are two carry handles on either side of the product, please use these handles to safely share the weight between the people lifting the HS-800.

Always use a trolley to safely transport the HS-800 over distances of 2 Metres or more. The HS-800 should be always lifted and placed in an upright position; do not place or try to move the unit in any other way as damage or injury could result.

***Place the HS-800 on a strong, stable, flat surface that is capable of supporting the weight.***

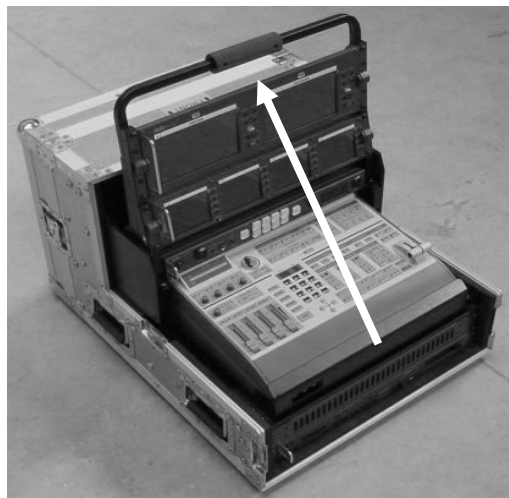
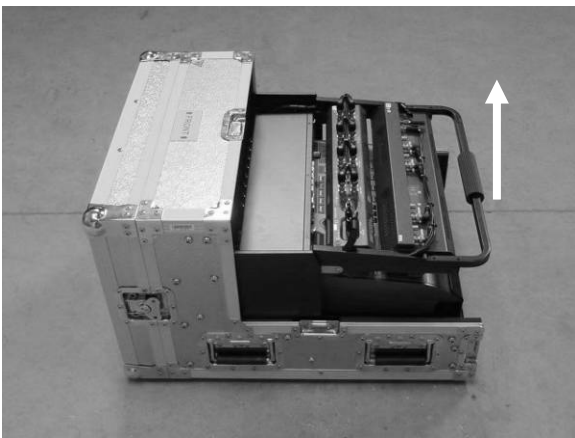
Do not use a folding or single leg table to support the HS-800.

### Opening the case

On each side of the HS-800 case there are wing nut clasps securing the front and rear covers.



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



HS-800 (front cover removed) monitor rack lowered and raised

The HS-800 should now look like this.

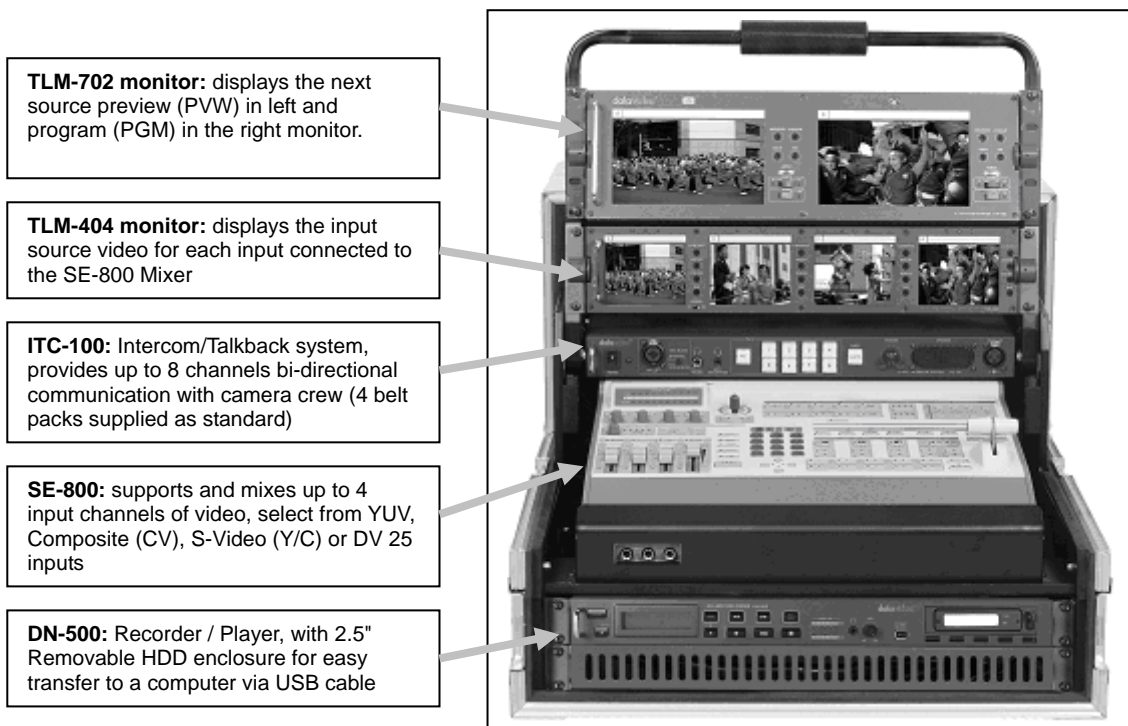


## Powering On

Each product built into the HS-800 receives DC power from the PD-1 unit on the rear of the HS-800. Please ensure the PD-1 is fed with either an AC or DC feed before attempting to switch on the HS-800. For more information on the PD-1 please refer to its manual. If a product within the HS-800 fails to start after the PD-1 is switched on then locate the on/off switch for the product that has not started. For further advice on using a product within the HS-800 please refer to its manual.

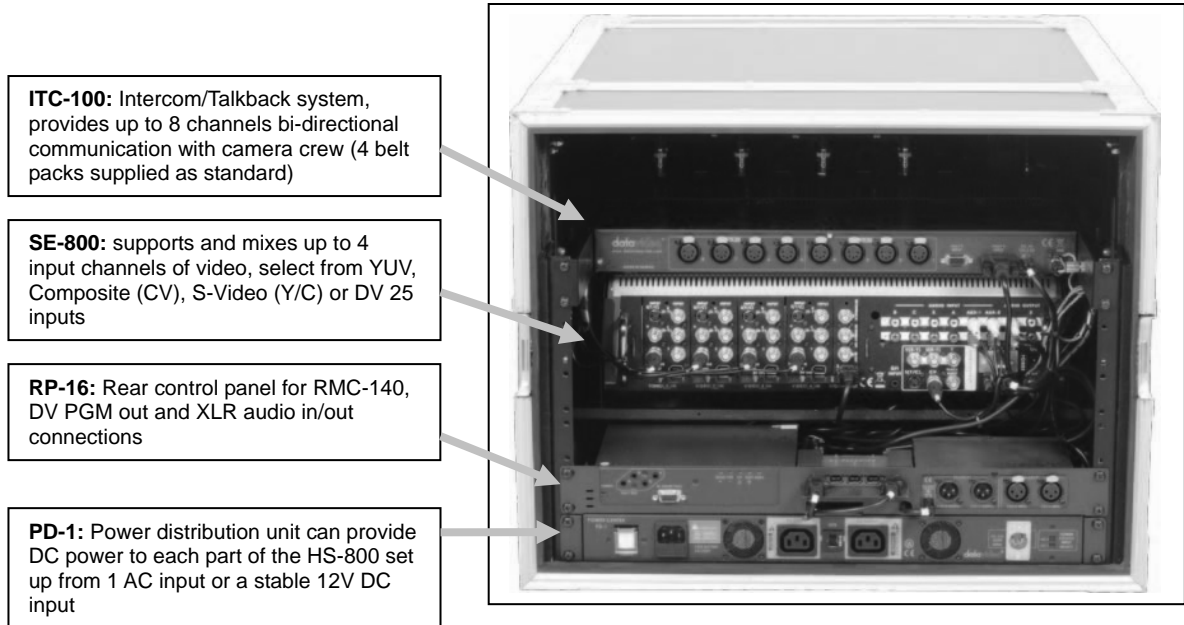
## Front Overview

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



## Rear Overview

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



## Powering off

Before powering off the HS-800 via the PD-1 on/off switch please ensure the DN-500 has been stopped.

## Packing away

Once the external source and camera cabling have been removed from the rear connection plates replace the rear case cover. Return the gooseneck mic, any ITC-100 cabling, tally lights and headsets etc to your accessory kit bag/box. Now carefully lower the monitor rack to its shipping position and secure the front cover.

## Specification

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

Case Dimensions:

Depth 81 cm

Width 51 cm

Height 40.5 cm

***The HS-800 is heavy – approximately 60Kg – Do not attempt to lift or move it on your own.***

*Specifications are subject to change without notice*

## Service & Support

It is our goal to make your products ownership a satisfying experience. Our support staff are 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 Datavideo office below.

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

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