



VIDEO BORESCOPE - ARTICULATED

MODEL NO: **VS8233A**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to instruction manual

1. SAFETY

1.1. GENERAL SAFETY

- ✓ Always perform automotive testing in a safe environment.
 - ✓ Keep your work area clean and well lit.
 - ✓ Keep clothing, hair, hands, tools, test equipment, etc. away from all moving or hot engine parts.
 - ✓ Operate the tool in a well-ventilated work area.
 - ✗ **DO NOT** operate the tool in explosive atmospheres, such as in the presence of flammable liquids, gases, or heavy dust.
 - ✗ **DO NOT** use the tool around corrosive chemicals which can damage the tool.
 - ✗ **DO NOT** abuse the flexible cable. Never use the flexible cable to carry the tool.
 - ✗ **DO NOT** drop the borescope, it is not shock proof.
 - ✓ Keep the tool dry, clean, free from oil, water and grease.
 - ☐ **WARNING:** The handheld display unit is **NOT** waterproof.
 - ✓ Handle the borescope with care. If it is dropped, check for breakage and any other conditions which may affect its operation.
 - ✗ **DO NOT** immerse the imager head and cable into corrosive substances, petroleum or oil.
 - ✗ **DO NOT** use near moving machinery.
 - ✗ **DO NOT** use excessive force to insert or withdraw the imager head or cable.
 - ✗ **DO NOT** use the tool while tired or under the influence of drugs, alcohol, or intoxicating medication.
 - ✗ **DO NOT** over-reach. Maintain proper footing and balance at all times.
 - ✗ **DO NOT** use the tool for personal or medical use in any way.
- 1.2. The warnings, precautions and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

2. INTRODUCTION

High performance palm sized borescope is equipped with an LED light, 70mm colour TFT screen, high resolution camera and recorder with playback mode. Its biggest feature is the clever 2-way articulated probe tip giving you up to 350° of viewing which gives greater control to the user. Videos and images are stored on its 8GB Micro SD card (supplied) and can be transferred to a PC via the USB data cable (supplied). Waterproof probe pod with IP67 rating and supplied in storage case. Powered by 4 x AA (not supplied).

3. SPECIFICATION

MODEL NO: VS8233A
 Camera: Ø6mm
 Power Source: 4 x AA (not supplied)
 Viewing Angle: 60°
 Pod Length: 20mm
 Camera Probe Length: 800mm
 Screen Size: 70mm
 Screen Resolution: 640 x 480 Pixels
 Mirror Flip/Rotate Function: Yes
 Record Function (Video + Still): Yes
 USB Connection: Yes
 SD Memory Slot: Yes



4. PREPARATION

4.1. BATTERIES (fig.3)

4.1.1. To fit 4 AA batteries (not supplied), depress end cap and slide off the end cap covering the battery compartment. Make sure battery terminals are aligned correctly to power up unit.

4.2. PROBE CABLE (fig.2)

4.2.1. The cable assembly can only be arranged in one position due to the use of an alignment keyway. Once the connector is inserted use the knurled collar to screw both parts together.

5. OPERATION

5.1. Assemble the unit as described in section 4.1 and 4.2 as shown in fig.2 and fig.3.

5.1.1. Insert SD card into SD slot (fig.2).

5.2. UNIT CONTROLS

5.2.1. To turn unit on press the  button for 2 - 3 seconds. The screen brightness can be adjusted using quick presses of this key.

5.2.2. To begin recording or photographing use the  button. Press and hold the button to swap between recording and photographing modes.

5.2.3. To rotate the screen view use the  button. This button is also used in viewing mode to cycle through photographs or videos.

5.2.4. To turn camera LED on or off use the  button. This button is also used in viewing mode to cycle through photographs or videos.

5.2.5. To browse through pictures and videos use the  button and cycle through them using the buttons 5.2.3 and 5.2.4.

5.2.6. To set date and time on the unit use the  button. Use the buttons 5.2.3 and 5.2.4 to cycle through and select date. Press button 5.2.5 to confirm.

5.2.7. If the unit stops working, press the reset button on rear face via the reset aperture (fig.3) using a blunt wire. This will reset the unit and it will go into standby mode.

5.3. RECORDING

5.3.1. Use the control panel as required and described in section 5.2.

5.3.2. To control the movement of the articulated probe use the thumb wheel (fig.4). NOTE: When the arrow on the thumb wheel lines up with the marking on the body, the camera lense is centrally positioned.

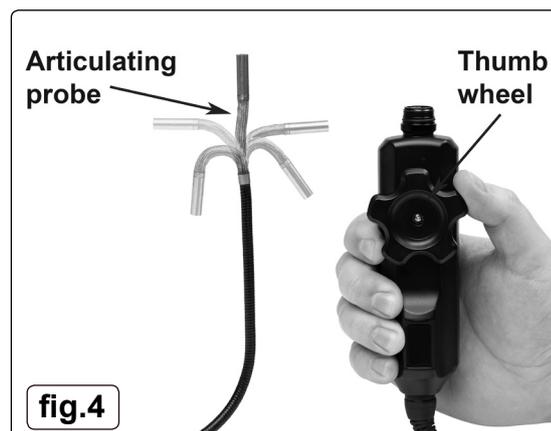
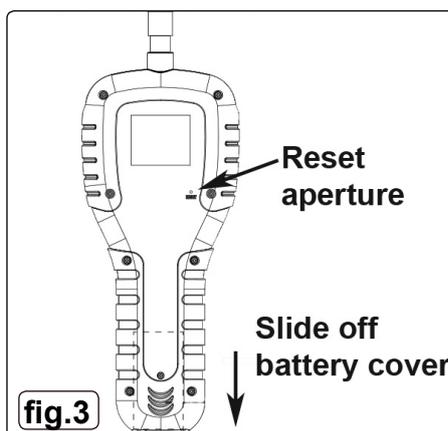
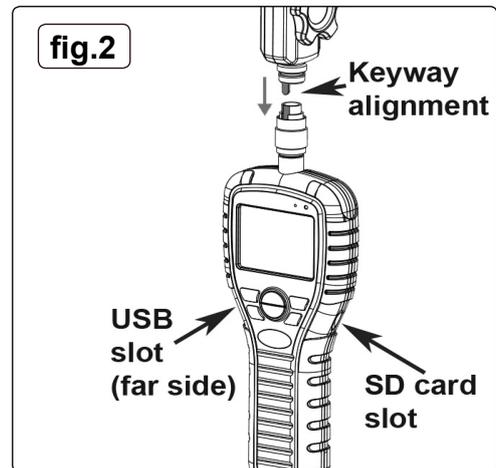
5.3.3. To swap between photography and recording see 5.2.2.

5.3.4. To illuminate camera LED see 5.2.4.

5.4. VIEWING

5.4.1. Connect USB cable from borescope body (see fig.2) to the computer being used to view contents.

5.4.2. Follow computer instructions to either view and/or download the contents of the SD card.



6. MAINTENANCE

6.1. BATTERY REMOVAL/REPLACEMENT - Refer to 4.1

6.2. CLEANING

- * **DO NOT** use abrasive or solvent cleaners. Use a mild detergent on a soft cloth, **DO NOT** to put excessive pressure on the display screen.

7. TROUBLESHOOTING

Problem	Possible Causes	Likely Solutions
Display is on, but does not show image.	1) Cable connection loose. 2) Imager probe is dirty.	1) Check cable connection. 2) Clean imager probe.
1) Light is dim at maximum brightness. 2) Display turns itself off. 3) Borescope will not turn on.	1) Low battery. 2) Low battery. 3) Low or dead battery.	1) Replace batteries. 2) Replace batteries. 3) Replace batteries

Parts support is available for this product. Please email sales@sealey.co.uk or telephone 01284 757500

ENVIRONMENT PROTECTION



Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.

WEEE REGULATIONS



Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.

BATTERY REMOVAL (See section 5.1 for removal details).



Under the Waste Batteries and Accumulators Regulations 2009, Jack Sealey Ltd are required to inform potential purchasers of products containing batteries (as defined within these regulations), that they are registered with Valpak's registered compliance scheme. Jack Sealey Ltd Batteries Producer Registration Number (BPRN) is BPRN00705.

Note: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

Important: No Liability is accepted for incorrect use of this product.

Warranty: Guarantee is 12 months from purchase date, proof of which is required for any claim.

Sealey Group, Kempson Way, Suffolk Business Park, Bury St Edmunds, Suffolk. IP32 7AR



01284 757500



01284 703534



sales@sealey.co.uk



www.sealey.co.uk