

User manual

Hardware manual

Casablanca S series

S-2000 / S-4000 / S-4100



The following products carry the CE seal of conformity on the basis of the guidelines 89/336/EEG of the Commission of the European Community from 29. April 1991 for the alignment of legal regulations in the signatory states concerning communications devices, including mutual recognition of their conformity. The following products are conform to the low voltage directive 2006/95/EC.
These digital video editing systems are meant for use with hard-drives carrying the CE seal of conformity.

This product fulfills the requirements for CE labeling:

- EN 55022 (1994) + A1 (1995) + A2 (1997) Klasse A
- EN 55024 (1998) + A1 (2001) + A2 (2003)
- EN 55013 (2001)
- EN 55020 (2002)
- EN 61000-3-2 (2000)
- EN 61000-3-3 (1995) + A1 (2001)

FCC Class B Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

Warning: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Notice: Shielded interface cable must be used in order to comply with emission limits.

Notice: Changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Remarks on Safety

These devices conform to the relevant safety regulations for computer equipment, including electrical office machines. In case you are in doubt as to permission regarding setup in the intended surroundings, please contact your dealer or our service department.

- Transport the device only in the original packing or in other appropriate packing that guarantees protection against sudden movements or impacts.
- Condensation may result if the device is set up for operation after having been in colder surroundings. You should wait about 2 hours to let the device become dry and attain the temperature of the operating location.
- Read the notes below „Location Environment“ when setting up and before operating the device.
- Check that the operating voltage indicated on the type label is the same as the power outlet.
- The equipment is intended for connection to TN power system and IT power system for Norway only (phase to phase 230V).
- The equipment is a class 1 equipment and must be connected to an earthed outlet.
- This device is equipped with a safety-approved power cable and may only be connected to a grounded shockproof socket.
- The ON/OFF switch does not electrically separate the device from power. For complete separation from power the power cable must be pulled from the power outlet socket.
- Make sure that the power connector on the machine and the room shockproof socket are easily accessible.
- Place the power cables so that they are not a danger (tripping) and will not be damaged.
- Data lines must not remain connected during electrical storms.
- In emergencies (e.g. damaged casing, operating elements, or power line, liquid poured on the device, or foreign substances) you must turn off the device immediately, pull the power plug, and contact your dealer or our service department.
- Only qualified and authorized personnel may repair the device or install extensions. Unauthorized opening and improper repairs can mean real danger for the user. In such cases the guarantee is no longer valid.
- The equipment was evaluated for use in a maximum ambient temperature of 35°C.
- System extensions must be conform to the requirements and rules for safety, electromagnetic interference, and telecommunications end devices. Installing other extensions may violate these requirements and rules, or damage the system. Your dealer or our service department can tell you which system extensions are allowed.
- The unit contains a Lithium battery. It may only be removed or exchanged by authorized personnel. Incorrectly replacing the battery may lead to the battery exploding. Replace the battery only with the same or equivalent type recommended by the manufacturer. Dispose of used battery according to the manufacture's instructions.

Location Environment

- Make sure that the machine is operated at a location temperature of 10 to 35° centigrade.
- The location must be dry. Air humidity must not be more than 80% and must not be condensing.
- Make sure that there is sufficient circulation of the air in order to prevent thermal buildup. Do not cover up the machine. If you mount the machine in a rack make sure that any warm air can directly be released. Generally, the room temperature (e.g. in the rack) should not exceed 30° Celsius.
- Do not set up the machine on carpeting, blankets, or the like. Do not set up the machine near curtains, etc., because this entails the danger of blocking the ventilation ducts on the machine.
- Do not set up the machine near heating or the like, and not in locations that are overly dusty, affected by direct sunlight, mechanical vibrations, or where the machine can be knocked.
- The machine should be in a horizontal position when being operated. Do not set up the machine on an incline.
- Keep the machine at a distance from devices that emit a strong magnetic field (microwave ovens, large loudspeakers).

Proper waste disposal of this product (regulation of electronic device disposal):

(Applies to countries of the European Union and other countries with similar waste collection systems)

Please dispose of this device separately from other waste in order to prevent damage to the environment or human health by uncontrolled waste disposal. Recycle the device to allow for lasting recycling of resources.

Private users should contact the dealer they purchased the product from or contact the responsible public authorities to find out how to dispose the product in an environment-friendly way. Industrial or commercial users should contact their suppliers and check the terms and conditions of the purchase contract. This product may not be disposed together with other commercial waste.

Casablanca S-2000 / S-4000 / S-4000 Pro / 4100

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No liability is assumed for information in this document. We reserve the right to make technical changes.

Notes and connections

Important information on connecting your systems:

1. Before connecting your system, please make absolutely sure that you first disconnect all the aerial/cable-TV or satellite reception cables from the television set, from the video recorder and from the set-top box.
2. Next, connect up all the necessary video and audio cable connections between your system and the TV monitor or video recorder.
3. Only after you have carried out all of these steps should you plug the mains power supply cable into the device.
4. Finally, you should reconnect the aerial/cable-TV or satellite reception cables back into their original positions on the television set, video recorder and set-top box.

These steps are intended to protect the high quality video inputs and outputs against damage. Any damage resulting from these instructions being ignored is not covered by the guarantee.

After you have unpacked and connected the system, you may want to turn it on and try it out right away.

What's in the package?

The following items are included in the package:

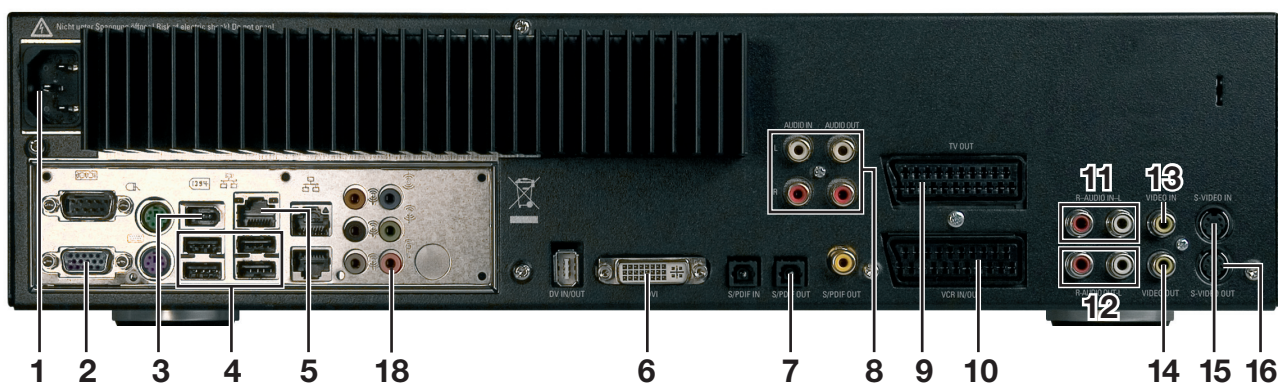
1. The editing system
2. Trackball
3. CD/DVD
4. DVD with additional software
5. User manuals
6. Connecting cables
7. Registration card

(Depending on the country that you live in, there may be other pieces of literature or other items included, so be sure to inspect the contents of your package carefully.)

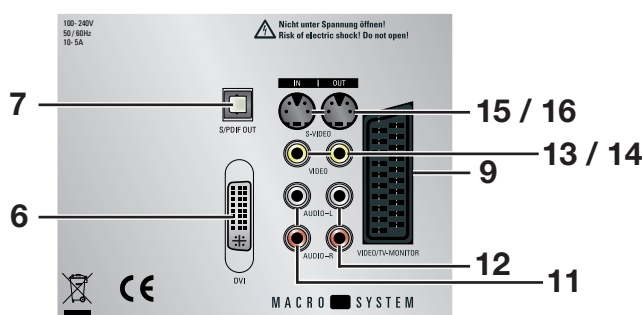
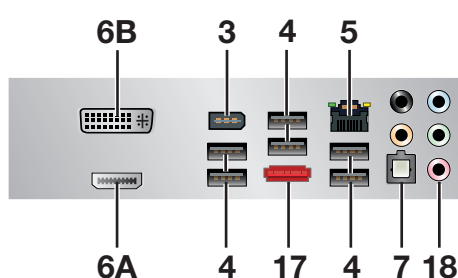
If some items are missing, please contact the dealer where you bought the unit.

Please save the packaging in case you ever have to transport your unit or send it to the manufacturer. The packaging has been specially designed for the system and is very sturdy. (MacroSystem is not responsible for damage incurred from improper packing during shipping).

Connectors on the rear of S-4000 (Pro)



Connectors on the rear of S-2000 / 4100



Connecting

Your device is equipped with the following connections:

(1) Power connection

Here you connect the machine to the power line (220-240 V in most parts of Europe, 115 V in North America). Connect the supplied power cable to the power plug on the rear side of the machine and then connect the other end to the power outlet. Never turn off the machine by pulling the power cable from the electrical outlet or by cutting power between the machine and the outlet. Always use the switch on the front side of the system, or use the "Off" button in the Main Menu screen, or data may be lost.

(2) VGA

You can use the VGA port to connect a computer monitor in addition or alternatively to your TV monitor. (see Chapter 5 in the Bogart SE manual). The first time you use Bogart SE, make sure to connect your TV Set using S-Video or CVBS – setting up VGA can only be achieved once Bogart SE is up and running.

(3) DV (IN/OUT)

This „DV“ connection serves as input and output for MiniDV/DV decks, cameras and other equipment with DV connectability, such as PC systems with firewire cards, and offers optimum quality. Be sure that only one DV device is connected at any time, or errors may occur.

(4) USB (4x)

This USB ports should be used for the included trackball, the other USB ports can be used for further hardware options (e.g. PowerKey Option, etc.).

(5) Ethernet

This port is an interface for exchanging data with other devices (e.g. computers).

(6) DVI

The DVI output serves as a fully digital connection to the monitor. You can find more information about this in chapter 6 of the Bogart SE manual.

(6A) HDMI

The HDMI output serves as a fully digital connection (including audio) to the monitor. This output is not yet supported.

(6B) DVI-I

In addition to the digital signal, the DVI-I output is also capable of delivering analogue signals for VGA

monitors. In this case, you must change the software setting for the screen mode to VGA. In order to use a VGA monitor, you must connect via a DVI-VGA adapter.

(7) S/PDIF OUT (optical)

The optical S/PDIF output is used to connect with a digital audio receiver.

(8) High Quality Audio IN/OUT

This connection consists of both, a left (white) and right (red) High Quality audio in and output. Special wiring and construction is used to reach higher quality (for instance higher signal-to-noise ratio).

(9) Video/TV Monitor RGB (Europe only)

(The following information is not applicable in North America.)

Connect your TV monitor to this SCART port. For televisions supporting RGB in addition to CVBS, the user interface appears very sharp. Be sure to choose the correct AV input on your television. (If your TV does not have a SCART port, then connect it through the CVBS (RCA) input or through the antenna socket of the VCR. This configuration results in lower picture quality. If you normally do not connect the VCR to the TV through the antenna socket, then you must first program the video recorder channel in your television.)

(10) SCART IN/OUT

This SCART output can be used to connect a video recorder in order to tape footage.

(11) L/R Audio IN (RCA)

To capture audio you must connect the cable to the Audio IN L and R inputs. Sources for mixing (e.g. CD player) can also be connected here when needed.

(12) L/R Audio OUT (RCA)

The audio outputs are here, and should be used to output to your VCR or TV.

(13) Video IN (RCA)

This CVBS (RCA) input is used to connect (via RCA cables) from a VHS or Video8 input device.

(14) Video OUT (RCA)

Here you can connect a VHS vcr, Video8 recorder or TV.

(15) S-Video IN (YC)

If you have a Hi8 or SVHS input device, then you should use the YC (s-video) input because picture quality will be better than CVBS (RCA).



(16) S-Video OUT (YC)

You can connect VCR (Hi8, SVHS, or MiniDV) to this port to output to tape once your project is completed. If your video recorder supports a YC (S-video) signal, then you should use this as your output, because YC (S-video) is superior to CVBS (RCA).

(17) eSATA

This connector is not yet supported. This port will connect to external eSATA harddrives.

(18) Microphone

Use this input for microphones with an impedance of app. 2200 Ohm and connect via a 3,5mm Stereo jack.

(H) CD/DVD burner/drive

This is the flap that conceals the optical drive. Press the eject button (I) to open the drive and insert a CD/DVD.

(I) Eject button for the optical device

This button opens the drive bay. Pressing it again closes the drive.

(J) On/Off button

Powers the editing device up or down when pressed.

Note: Your device is might also equipped with more buttons and connections, some of which are yet without function at time of print.

There are further frontside connection plugs:



(A) Headphone jack (not for S-2000 / 4100)

6,3 mm jack for connecting headphones.

(B) USB

See (4)

(C) Video IN (FBAS)

See (13)

(D + E) Audio IN

See (11)

(F) S-Video IN (YC)

See (15)

(G) DV (IN/OUT)

See (3)

