

# Casablanca

Karat / Topaz / SL-1000

User manual



The Casablanca Karat, Topaz and SL-1000 products carry the CE seal of conformity on the basis of European Council directive 89/336/EC of April 29, 1991 to approximate the laws of the Member States relating to communications equipment, including the mutual recognition of their conformity.

This digital video editing system was designed for use with hard disks carrying the CE seal.

The products "Karat / Topaz / SL-1000" described here fulfill the following requirements for a CE label:

- EN 55022 (1994) + A1 (1995) + A2 (1997) Class 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)

These devices are intended to be used in industrial environments. Emissions meet the guidelines for industrial equipment. When used in residential or commercial areas, they may under certain circumstances interfere with other equipment (such as radio). The user must ensure, independently and at her/his own expense, that no third party will be affected by any interference.

This declaration is given under the sole responsibility of the manufacturer: MacroSystem Digital Video GmbH, Industriestraße 11, 96317 Kronach.

### Caution, important safety information

These devices comply with the relevant safety regulations for IT equipment, including electrical office equipment. Please contact your dealer or our service center if there is any doubt as to the safety of installing the device at the intended site.

Caution: do not open the cover or the back of the device, electric shock danger.

- Make sure there is adequate air circulation to avoid internal heat accumulation. Do not cover your device. If the device is installed in a rack, please make sure that enough aeration can be guaranteed.
- Do not place the device on carpeting, blankets or close to curtains, wall hangings and such, since this could block the ventilation openings.
- Do not place the device next to heaters, radiators and such and also not in locations that are exposed to direct sunlight, lots of dust, mechanical vibrations or shocks.
- The device is meant for horizontal operation. Do not place it on a tilted surface.
- Keep the device away from other devices that generate strong magnetic fields (microwave ovens, big speakers).
- This device was designed for operation in a maximum ambient temperature of 35°C.
- The device should only be set up in dry locations. The atmospheric humidity should be 80% maximum and non-condensing.
- You should transport the device only in the original packaging or in another appropriate packaging that guarantees protection against shocks and impacts.
- Condensation may occur when the device is brought from cold surroundings into the room where it will be used. Before switching on the device, you should wait (about two hours) until it has reached the temperature of the room and is completely dry.
- Before setting up and using the device, you should read the tips further below regarding ambient conditions.
- You should check that the nominal voltage of the device indicated on the label corresponds to the local mains voltage.
- This device is equipped with a safety power cord which may only be plugged into a grounded safety socket outlet.
- This device has been developed for connection to a TN power supply as well as an IT power supply (exclusively) in Norway (230 volt).
- The ON/OFF button does not remove the device from the mains. In order to completely remove it, the power plug must be pulled.
- You should make sure that the device's power socket or the safety socket outlet of the domestic electrical installation is freely accessible.
- You should lay cabling in such a way that it does not become a source of danger (tripping hazard) and will not be damaged.
- Data or antenna cabling should not be connected or disconnected during thunderstorms.
- Only grounded antennas may be connected to the device.
- In emergencies (e.g. damaged housing, control elements or mains cable, penetration of fluids or foreign bodies), you must switch off the device immediately, pull the plug and inform your dealer or the service department.
- Repairs to the device should only be performed by authorized qualified technicians. Unauthorized opening and improper repairs may cause serious danger for the user. This will also void the warranty.
- This product contains a lithium battery. The battery should only be removed or changed by authorized qualified personnel. Improperly changing the battery may cause the battery to explode. The battery should only be exchanged for the same or a similar battery, as recommended by the manufacturer. The BIOS support battery has an average life expectancy of approximately five years.
- Take care that no objects (e.g. jewelry, paperclips etc.) or fluids enter the inside of the device (electric shock danger).
- The device is not waterproof. Do not immerse the device in water and do protect it from splashing water (rain, sea water).

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A FireWire Stack from Intoto, Inc. is used for the IEEE 1394 interface (Firewire®, MiniDV®).

The PNG Reference Library is used as the module for converting graphics data in PNG format. Versions 0.97 - 1.0.5 are copyright © 1998, 1999 Glenn Randers-Pehrson.

The library of the Independent JPEG Group is used for JPEG conversion, copyright © 1991 - 1998, Thomas G. Lane.

GLIBC and other add-on programs are used in accordance with the license conditions of the Free Software Foundation. Detailed information can be found at the [www.macrosystem.de](http://www.macrosystem.de) web site.

The FreeType Engine is used to render TrueType character fonts. Character fonts are used under license from enStep Incorporated.

Correct disposal of this product (old regulation for electrical devices):

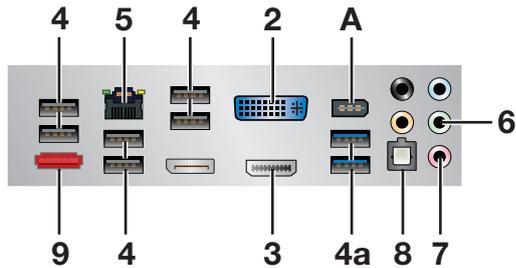
(Applicable in the European Union and other countries with separate collection systems)

To prevent any harm to the environment or damage to human health from uncontrolled waste disposal, please dispose of this device separately from other types of waste. Recycle the device to promote the sustainable reuse of material resources.

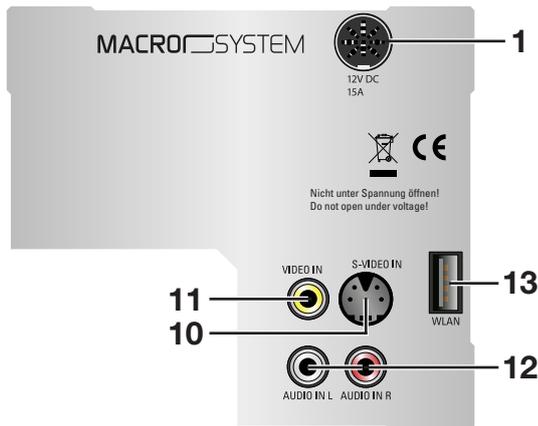
Private users should contact the dealer where the product was bought, or the competent authority, in order to find out how one can dispose of the device in an environmentally friendly way.

Business users should contact their supplier and check the terms and conditions of the sales contract. This product should not be disposed of in combination with other commercial waste.

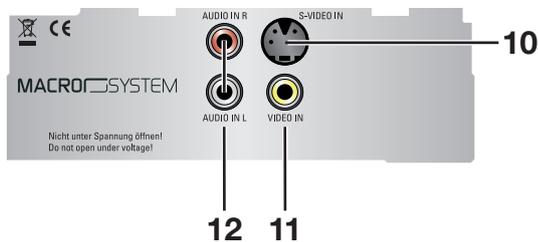
## Connections at the rear of the Karat / Topaz / SL-1000 device



## Additional Karat / Topaz connections



## Additional SL-1000 connections



## Tips and connections

### Important note about connecting your device

1. Connect all video and audio cables between your system and the TV monitor or video player.

2. Only after this, should you plug the power cable into your device.

This approach protects the high-quality video inputs and outputs against destruction. Damage caused by not following this manual is excluded from the warranty.

Once you have unpacked and connected your device, all that is left is to switch it on in order to try it out for the first time.

## What's in the box?

- Casablanca device (Karat / Topaz / SL-1000)
- External power supply
- Trackball
- Bogart DVD\*
- Add-on software DVD\*
- WLAN USB adapter (only for Karat)
- User manuals (Bogart SE, Arabesk, hardware manual)
- HDMI cable
- FireWire cable\*
- CVBS (FBAS) cable\*
- S-VHS cable\*
- Stereo cinch audio cable\*
- Registration card

\*Not for SL-1000

In case certain parts are not present, please contact the specialized dealer where you bought the device. Since it is possible that you may want to ship the device under certain circumstances, you should save the box. It has been especially constructed for the system, and it is very stable.

## Connection options

All connections are described below (the arrangement of the rear connections may be different from the illustration above):

### (1) Power supply connection (not shown for SL-1000)

This is where you connect the device to the external power supply. To do this, plug the round connector of the power supply in the socket provided at the back of the device until it stops and then plug the three-pin plug of the power supply into a wall outlet. In order to break the mains connection, the plugged-in part of the plug must be pulled out by pulling on the plug.

### (2) DVI

The DVI output is meant as a fully digital image source for the monitor. Two-monitor mode is only available with the Gold Edition for the Topaz / SL-1000.

### (3) HDMI

The HDMI output is intended as a fully digital source of images and sound for the monitor.

### (4) USB 2.0 / (4a) USB 3.0

The USB-ports can be used to connect add-ons necessary to use Bogart SE (such as trackball, card reader, keyboard).

### (5) Ethernet

This is an interface to connect the device to a network.

**(6) Analog stereo output**

This stereo-output (mini-TRS) outputs the Casablanca's audio signal. In order to get a high-quality audio signal output, we recommend the analog audio interface of our accessory program.

**(7) Microphone input**

This input (mini-TRS) is used to connect a commercially available (high-impedance) computer microphone. In order to get high-quality recordings of analog audio sources, we recommend the analog audio interface of our accessory program.

**(8) S/PDIF OUT (optical)**

The optical S/PDIF output is used for connection to a digital amplifier.

**(9) eSATA**

You can use this connection, if present, to connect an external hard disk with an eSATA connector.

**(10) S-Video IN (YC)**

This is the YC input. It is used to record video footage from your S-VHS camera or another video source with an S-VHS output. For the SL-1000, this is only available from the Silver Edition onward.

**(11) Video IN (CVBS)**

Use the CVBS input to connect a camera or a video recorder. For the SL-1000, this is only available from the Silver Edition onward.

**(12) Audio IN**

Analog audio input (cinch), separated for the left (white) and right (red) channels. For the SL-1000, this is only available from the Silver Edition onward.

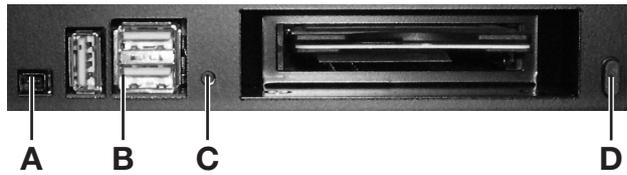
**(13) WLAN (USB)**

Connect the supplied (only with the Karat) WLAN antenna directly to this port, or use the also-supplied socket-with-extension cable to position the antenna in a location better suited for reception. Not available on the SL-1000.

**(A) DV (IN/OUT)**

The 6-pin FireWire (MiniDV) connection is used to connect your HDV/MiniDV/DV recorder/cameras or other devices via a DV-connection.

For the SL-1000, this is only available from the Silver Edition onward.

**Front connections****SL-1000****Karat****Topaz**

Open the large front panel on the right to get to the front connections and the optical drive(s) of the Karat / Topaz. Open the panel by pulling the glass at the top right corner of the device towards yourself. To do this, a slight resistance must be overcome. Since the panel is buffered, it will then come down automatically.

In case of the SL-1000, you will find the connections on the right-hand side behind the panel with the device logo.

**(A) DV (IN/OUT)**

The 6-pin FireWire (MiniDV) connection is used to connect your HDV/MiniDV/DV recorder/cameras or other devices via a DV-connection.

For the SL-1000, this is only available from the Silver Edition onward.

**(B) USB**

The USB-ports can be used to connect add-ons necessary to perform video editing (such as trackball, card

reader, keyboard). When you are using Relax Vision, these can also be used to connect external USB devices (e.g. for Galileo or a USB stick).

### (C) Reset button

Should your device not react for approximately one minute, you can use the reset button to restart it. Insert a pointed object (such as a bent-open paperclip) in the small opening to do this.

### (D) On/off switch

This button is used to switch your Casablanca system on and off.

The following description applies only to the Casablanca Karat and Topaz. You should take into account that the Casablanca Karat is equipped at the factory with two Blu-ray burners. The Casablanca Topaz has only one built-in Blu-ray burner, the lower drive bay is therefore covered by a panel. You may also ask your specialist dealer to install a second burner, as an option.

### (E) Drive tray

This is where you put your disks to burn or to import data from.

### (F) Emergency eject hole

The Blu-ray drive has a special function to manually eject a disk when necessary. Proceed as follows in such a situation, e.g. when the drive doesn't work or when power is down.

**Note:** this function should only be used in emergencies.

- 1) Turn off your Casablanca unit.
- 2) Insert a pointed object (such as a bent-open paperclip) in the small hole above the eject button. The front panel will open, and part of the tray will come out.
- 3) Completely open the front panel. Take the tray between your thumb and index finger and pull it out completely.

**Note:** Only use this function as a last resort in an emergency. If it is used too often, you may experience malfunctions.

### (G) Eject button

Use this button to open the drive tray.

## Technical data

### Casablanca Karat

Processor	2 x 3.3 GHz Intel Core i3
RAM	4 GB RAM
Hard-drive	2 TB
Optical drive	2 x Blu-ray burner
Graphics	TV connection via HDMI
Display	High-resolution 4.3" TFT display
Network	WLAN N, Ethernet

### Video and audio

Supported video formats	Analog (VHS, S-VHS), SD (D8, DV), HDV (MPEG-2), AVCHD (MPEG-4), XDCAM (MPEG-2)
Video modes	576p, 720p, 1080i, 1080p
Audio	6 stereo tracks, 48 kHz

Connections	<b>Front:</b> FireWire, USB <sup>1</sup> <b>Back:</b> HDMI, FireWire, S-Video, CVBS, audio input (stereo), digital audio output (optical), Ethernet and USB <sup>1</sup>
Software	Bogart SE version 5, incl. Gold Edition, Arabesk 6, 3D-Shapes Professional and HD Backup
Dimensions	W x H x D: 433 x 131 x 365 mm
Weight	Approx. 9 kg

### Casablanca Topaz

Processor	2 x 2.6 GHz Intel Pentium
RAM	2 GB RAM
Hard-drive	1 TB
Optical drive	Blu-ray burner
Graphics	TV connection via HDMI
Display	High-resolution 4.3" TFT display
Network	Ethernet

#### Video and audio

Supported video formats	Analog (VHS, S-VHS), SD (D8, DV), HDV (MPEG-2), AVCHD (MPEG-4) and XDCAM (MPEG-2)
Video modes	576p, 720p, 1080i, 1080p
Audio	6 stereo tracks, 48 kHz

Connections	<b>Front:</b> FireWire, USB <sup>1</sup> <b>Back:</b> HDMI, FireWire, S-Video, CVBS, audio input (stereo), digital audio output (optical), Ethernet and USB <sup>1</sup>
Software	Bogart SE version 5 incl. Silver Edition and Arabesk 6
Dimensions	W x H x D: 433 x 131 x 365 mm
Weight	Approx. 8 kg

### Casablanca SL-1000

Processor	2 x 2.8 GHz Intel Core Duo
RAM	2 GB RAM
Hard-drive	500 GB
Optical drive	Connection for optional external drive
Graphics	TV connection via HDMI
Display	N/A
Network	Ethernet

#### Video and audio

Supported video formats	Analog <sup>2</sup> (VHS, S-VHS), SD <sup>2</sup> (D8, DV), HDV (MPEG-2), AVCHD (MPEG-4) and XDCAM (MPEG-2)
Video modes	576p, 720p, 1080i, 1080p
Audio	3 stereo tracks, 48 kHz

Connections	<b>Front:</b> FireWire, USB <sup>1</sup> <b>Back:</b> HDMI, FireWire <sup>2</sup> , S-Video <sup>2</sup> , CVBS <sup>2</sup> , Audio input (stereo), digital audio output (optical), Ethernet, USB <sup>1</sup>
Software	Bogart SE Version 5 Basic Edition, Arabesk 6
Dimensions	W x H x D: 433 x 70 x 310 mm
Weight	Approx. 6 kg

<sup>1</sup>For some connections, there is more than one available

<sup>2</sup>Only in combination with the Silver or Gold Edition

