

KanaaN

User's Manual Video Converter



Product number: KN39753

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Thank you for purchasing the converter from KanaaN.

We hold several brands to produce and distribute our products: **LEICKE** (power adapters, batteries), **KanaaN** (adapters/converters, charging cables etc.), **Sharon** (iPad cases with keyboard, fans etc.), **Hebron** (protective cases, docking stations, screen protectors etc.), **Manna** (notebook cases).

We continuously work on the further development of our products, our customer support and innovations. Our products have a long service life, are eco-friendly and high performing. Furthermore, every day we do our very best to satisfy you as our customer. That is why you, no matter if private or business customer, are in the focus of our company's efforts. We take your reviews and proposals seriously and evaluate them continuously. That way, we get to know you and your demands on our products and services better and thus allow for positive enhancements.

To discover more about LEICKE products, or if you have any questions about this product, visit our website www.leicke.com (production & wholesale) or www.leicke-distributor.de (distribution) and feel free to contact us.

Dear customer,

if you have to convert VGA signals into video/S-video signals, e.g. to show movies from your PC on a large-screen TV, then this converter is just the right thing for you.

For optimum performance, please read these instructions carefully before operating this product. Please keep this manual for further reference.

Your LEICKE Team!

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PACKAGE CONTENTS

Before attempting to use this device, please check the packaging and make sure the following items are contained in the package:

Name	Number of Pieces	Note
Video Converter	1	-
SCART adapter	1	Switch on "In" when using it
S-video cable	1	1.2 m
Composite video cable	1	1.4 m
VGA cable	1	1.3 m
Stereo audio cable	1	3.5 mm jack to 2x Cinch, 1.3 m
USB charging cable	1	Device supplied with power via USB
User's Manual	1	-

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TECHNICAL DETAILS

Signal Input/Output	
Input	VGA (looped) supports: 640x480@60/72/75/85Hz, 800x600@60/75Hz, 1024x768@60/75Hz 1280x1024 @60Hz
Output	Composite video, S-video, VGA
Connectors	
Input connector	VGA, 15 pin SubD (w)
Output connector	Composite cinch RCA, S-video, VGA
Bit Rate	24 bit depth (True Color)
Size and Weight	
(L x W x H)	60 x 65 x 20 mm
Weight (net)	85 g
Environmental Specifications	
Operating Temperature	0°C~70°C
Operating Humidity	10% to 60% RH
Storage Temperature	-10°C~75°C
Storage Humidity	5% to 90% RH (no condensation)
Power Requirements	
External Power Supply	5 V/500 mA via USB adapter
Power Consumption	max. 2.5 W
Regulatory Approvals	
Converter Unit	CE, FCC, RoHS
Power Adapter	CE, FCC, CCC

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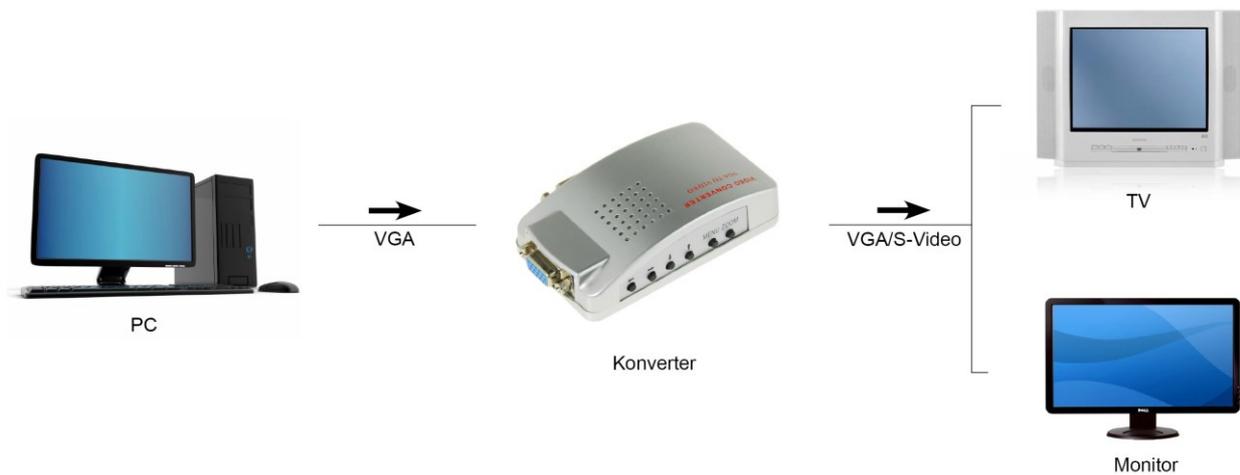
PANEL DESCRIPTION

Please study the panel drawings below and become familiar with the signal input(s), output(s) and power connector.



- (1) DC 5 V > USB interface
- (2) system adjuster > adjust PAL / NTSC system
- (3) video-out > connect to TV or VCR devices
- (4) S-video-out > connect to TV or VCR devices
- (5) VGA-out > connect to display
- (6) VGA-in > connect to PC

CONNECTION DIAGRAM



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KEYS



Name	Explanation
(1), (2), (3), (4) arrow keys	To adjust AV picture position use the four arrow keys (up, down, left or right).
(5) Menu	Press once and OSD menu appears; press and hold for 3 sec. to reset.
(6) Zoom	Press once to enlarge picture, press again to reset picture size.

OSD menu

◀HSIZE ▶
◀VSIZE ▶
◀BRIGHTNESS ▶
◀CONTRAST ▶
◀HUEL ▶
◀SATURATION ▶
◀SHARPNESS ▶
◀OSD BACKGROUND ▶
▲▼

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CONNECTION AND OPERATION

ATTENTION: To avoid damages to the video/audio system by inrush current, please switch the amplifier/TV off before installing the converter!

- Step 1:** Connect the VGA-out with the corresponding interface at the converter (see explanation at converter's bottom). Depending on the connecting possibilities you may connect your TV via Composite (Cinch) or S-video. The converter has two switches to adjust the video standard (PAL/NTSC). Please refer to the TV's manual to inform about your TV's video standard. Please use the included SCART adapter for TV devices with SCART interface. This adapter must be switched on "In"!
- Step 2:** Depending on application you may connect an audio signal via SCART adapter to the TV or use an audio system with cinch input interface. For your own safety and the safety of your sound system, the amplifier must be switched off when connecting the cinch cable!
- Step 3:** Now the converter may be switched on. Therefore, please connect the included USB charging cable to the converter and your PC and then switch on the PC. Now the TV and if wanted an amplifier may be switched on.

Notes:

- 0 *To send a picture to the VGA-out, please use the Windows set ups. Refer to producer's instructions or the windows user assistance for information on the Dual Head operation (two displays, especially important for notebooks). If necessary, please switch the TV/amplifier on the used input interfaces.*
- 0 *Picture adjustments may be necessary. In this case, the converter offers a menu, which can be used via the "menu" button. The adjustments may be changed by choosing a menu item with the up/down arrow keys and then choosing the parameters with the left/right arrow keys. (see "OSD menu" in this manual)*
 - ! *The size of the picture can be adjusted with "HSIZE" and "VSIZE"*
 - ! *To adjust brightness use "BRIGHTNESS".*
 - ! *To adjust colour saturation, please use the menu item "Saturation".*
 - ! *If a fuzzy, unclear or noisy picture is displayed, this may be adjusted with "SHARPNESS"*
 - ! *or "FLICKR".*
 - ! *The "Zoom" button adjusts the picture size.*

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FAQ

In general, in case of technical troubles check the electrical signal connections and the power supply (LED at converter glows) first. If this turns out to be not helpful, we arranged the following questions and answers for you to find the cause and solve the problem.

Problem Description	Possible Cause/Possible Solution
No picture is displayed	<ul style="list-style-type: none">• Is the converter properly connected to all devices and interfaces (power, VGA, video etc.) ?• Is the PC correctly adjusted, so that the VGA-out gets a signal? *
Just a test image is displayed	<ul style="list-style-type: none">• Is the resolution set up at the PC supported by the converter?
The picture is distorted	<ul style="list-style-type: none">• Is a supported resolution used?• Is the zoom function switched off?• Has the TV device a wide screen function and is this function used?• Do adjustments at "Flicker" and "Sharpness" in the menu help?• Is the TV standard used by the TV device correctly adjusted (switch PAL/NTSC)?
The picture is noisy and/or shows the wrong	<ul style="list-style-type: none">• Is the correct TV standard set up?
The picture is unclear	<ul style="list-style-type: none">• Change adjustments via "Flicker" and "Sharpness" in converter's menu. If necessary, choose different resolution at PC.
The converter has frozen	<ul style="list-style-type: none">• Press the menu button for more than 3 seconds to reset the converter.

* Please follow the corresponding instructions in the manual of the producer.

If the problems cannot be solved, please don't hesitate to contact us. Our customer's support will be glad to help you under info@leicke-distributor.de.

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SAFETY NOTES

For your own safety and for long enjoyment of our product, please follow the following safety instructions:

- 0 Please use device as described in the manual.
- 0 To avoid damages to the video system by inrush current, please switch the amplifier/TV off before installing the converter. Non-compliance may cause damages to TV, amplifier system and your hearing! The amplifier is to be switched on last, after signal source and converter are already switched on.
- 0 If the converter does not work normally, please disconnect the power adapter from the circuit and try to find the cause.
- 0 Do not attempt to use the converter with power adapters providing different voltages and/or polarities than specified. Despite of matching plug connectors it may still damage the converter, the signal source and the sound system!
Warning: Power adapters with a higher voltage may damage the converter.
- 0 Do not pull on power cord when taking off the wall socket.
- 0 Turn off power when device is not in use for a longer time.
- 0 Do not open cover and do not touch inner parts.
- 0 Please keep power adapter and converter dry and just use in dry environment.
- 0 Keep away from damp, high temperature, dusty, erosive and oxidative environment.
- 0 Do not touch with wet hands.
- 0 Keep safe from being hit or falling down.
- 0 During operation the converter may become very warm. Therefore, it is necessary that the converter is not covered and stands alone.

Declaration of Conformity

Declaration of Conformity with regard to the EU Directive LVD 2005/95/EG, EMV 2004/108/EG ErP 2009/125/EG RoHS 2011/65 EG. See also at www.leicke.com.

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CONTACT

If you have any questions, please feel free to contact us.

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