

User's Manual

Component Video to HDMI Converter



Product number: KN39757

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Thank you for purchasing the Component Video to HDMI 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.

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Dear customer,

This component video (YPbPr) and stereo audio to HDMI converter allows you to integrate older analogue devices into your modern home theatre set-up. The converter helps you to connect component video devices, such as Xbox 360, PS2, Wii, Virgin Media, DVD player, Sky TV etc., to a HDMI display.

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

Your LEICKE Team!

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 to HDMI Converter	1	-
5V/1A DC power supply	1	plug type dependent on target country
User's Manual	1	-

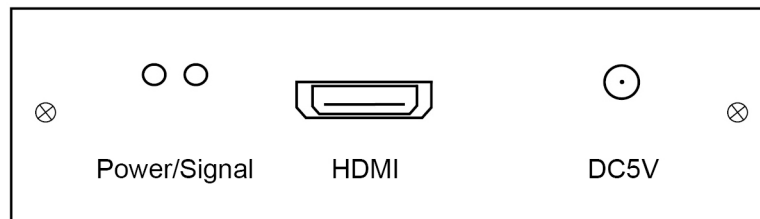
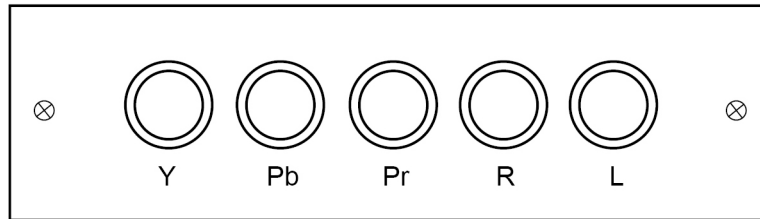
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TECHNICAL DETAILS

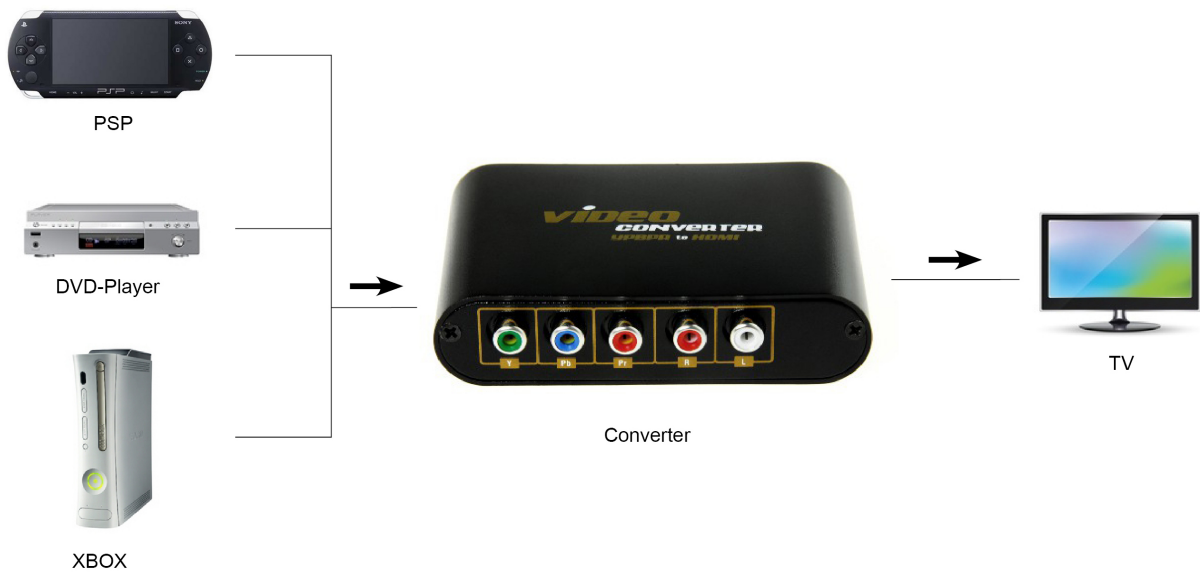
Signal Input/Output	
Input	Component Video Y,Pb,Pr, Stereo Audio analogue
Output	HDMI 480p / 576p / 720p / 1080i / 1080p
Connectors	
Input connector	5x Cinch RCA (R/L, Y/Pb/Pr)
Output connector	HDMI type A
Data rate	5 Gbit/s
Size and Weight	
Size (L x W x H)	118 x 75 x 25 mm
Weight (net)	135 g
Environmental Specifications	
Operating Temperature	0°C to +70°C
Operating Humidity	10% to 60% RH
Storage Temperature	-10°C to +80°C
Storage Humidity	5% to 90% RH (no condensation)
Power Requirements	
External Power Supply	5 V, 1A
Power Consumption	max. 5W
Regulatory Approvals	
Converter Unit	CE, FCC, RoHS
Power Adapter	CE, FCC, CCC

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INTERFACES



CONNECTION DIAGRAM



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CONNECTION AND OPERATION

- Step 1:** Connect the cinch inputs of the component video input with the corresponding outputs of a suitable source, e.g. a DVD player. The cinch inputs are marked with Y/Pr/Pb and different colours to avoid confusion.
- Step 2:** If an audio transmission is wanted, please connect the stereo output with the corresponding, white and red marked cinch inputs at the converter. The audio will then be transmitted synchronously with the picture via HDMI.
- Step 3:** Connect the HDMI output with the output device. Remember the connected input of the output device.
- Step 4:** The converter may now be turned on, best in the following order: source device - converter - output device (TV, beamer, display etc.).
- Step 5:** If necessary, set the output device on the accordant HDMI input (see Step 3).

Notes:

- *Connecting not matching connectors might lead to wrong colour displaying and malfunctions in converting.*
- *Please check, if the source device (e.g. DVD player) is set on the component output. Please follow the corresponding instructions in the manual of the producer. The used video standard has to be PAL!*
- *During operation the converter may become very warm. Therefore, it is necessary that the splitter is not covered and stands alone.*
- *If the blue LED glows, the converter works.*

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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
The converter does not display a picture or audio	<ul style="list-style-type: none">• Is the power supply working (LED lights) properly?• Is the TV set on the right input interface?• Is the output device set on the right output (esp. DVD player)?*• Does the source device use the TV standard PAL?*• Is a YPbPr signal present (LED glows)?• Is the audio signal of a analogue output (digital signals cannot be converted)?• Is the HDMI cable too long?
The picture has inverted colours	<ul style="list-style-type: none">• Pb and Pr cables are inverted.
The picture is too dark	<ul style="list-style-type: none">• The source transmits a relatively dark signal; for a better display of details set up the brightness of the TV.*
The picture is distorted or displayed black and white or with wrong colours	<ul style="list-style-type: none">• Does the source device use the proper TV standard PAL?*
The pictures stalls and /or there are picture errors.	<ul style="list-style-type: none">• Is the HDMI cable too long or not sufficiently shielded?• Is a HDMI standard used that is not supported by the converter?
The audio L/R is inverted	<ul style="list-style-type: none">• Change the cinch plug connectors for L/R.

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

If the problems cannot be solved, please don't hesitate to contact us.

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SAFETY NOTES

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

- Please use device as described in the manual.
- 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.
- During operation the converter may become very warm. Therefore, it is necessary that the splitter is not covered and stands alone.
- If the converter does not work normally, please disconnect the power adapter from the circuit and try to find the cause.
- Use original factory power adapter. Do not attempt to use the converter with other power adapters. 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.
- Do not pull on power cord when taking off the wall socket.
- Turn off power when device is not in use for a longer time.
- Do not open cover and do not touch inner parts.
- Please keep power adapter and converter dry and just use in dry environment.
- Keep away from damp, high temperature, dusty, erosive and oxidative environment.
- Do not touch with wet hands.
- Keep safe from being hit or falling down.

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CONTACT

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

PRODUCTION & WHOLESALE

LEICKE GmbH
Dohnanyistr. 28
04103 Leipzig
Germany

Web: www.leicke.com

Mail: info@leicke.com

DISTRIBUTION

LEICKE Distributor (LEICKE GmbH)
Dohnanyistr. 28
04103 Leipzig
Germany

Web: www.leicke-distributor.de

Mail: info@leicke-distributor.de

