



AMPIRE KLL420 Substructure Color Rearview IN Plastic Housing Owner's Manual

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AMPIRE®

KLL420
Owner's Manual



German Engineering. Out of the ordinary.



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KLL420 Substructure Color Rearview IN Plastic Housing

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ⓘ Before attempting to connect or operate this product, please read the instructions completely.

Precautions

- Pay utmost attention if you install the camera into the driver's compartment.
- Use only in right vehicles.
- Make the correct connections.
- Do not damage pipe or wiring when drilling holes.
- Arrange the wiring so it is not crimped or pinched by a sharp metal edge.
- Do not install the camers in locations which might hinder vehicle operations and do not install in locations with any moisture. Use the installation materials provided with the camera.
- Warning! attention on instructions of the vehicles manufacturer. This camera is developed for motor vehicle use only.
- Do not use chemical cleaners or solvents to clean the reversing camera. This may damage the plastic components or lens of the camera. Clean the reversing Wrong installation may damage the vehicles electronic! Pay utmost camera with a clean, soft, wet cloth.



Environmental Reference

- Old electronic devices do not belong in the garbage can.
- If you later want to dispose of this device, remove all cables and batteries and dispose of them separately at a

recycling facility in your area.

- Alternatively, you can return this device to Ampire for disposal.
- The packaging is recyclable. Dispose of the packaging in a designated collection system.

Environmental instructions and information on the disposal of electrical and electronic equipment including batteries (applicable to countries that have adopted a separate collection system)

If you want to dispose of this product, do not dispose of it with your normal household waste. There is a separate collection system for used electronic equipment in accordance with legal requirements that require appropriate treatment, recovery and recycling. Contact your local authority for details on finding a recycling facility in your area. Proper recycling and disposal helps to conserve resources and prevent harmful effects on our health and the environment.

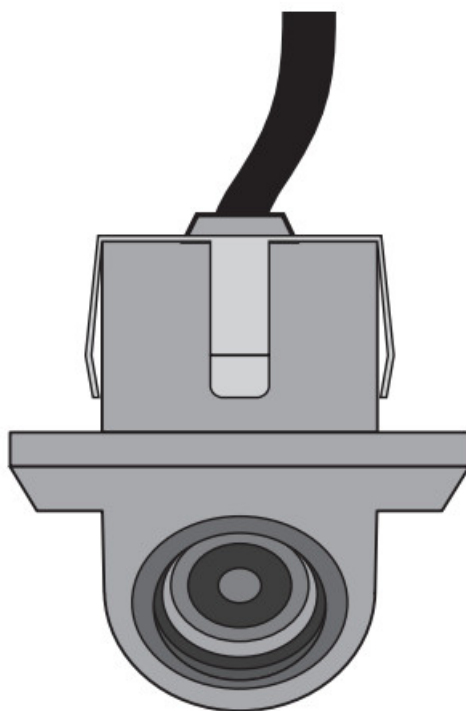
Connection

1	Black	(-) Ground
2	Red	(+) 12V (reversing lamp wire)
3	RCA Yellow	Video Output
4	White Loop	Cut the loop to rotate the image
5	Green Loop	Cut the loop to disable the guide lines

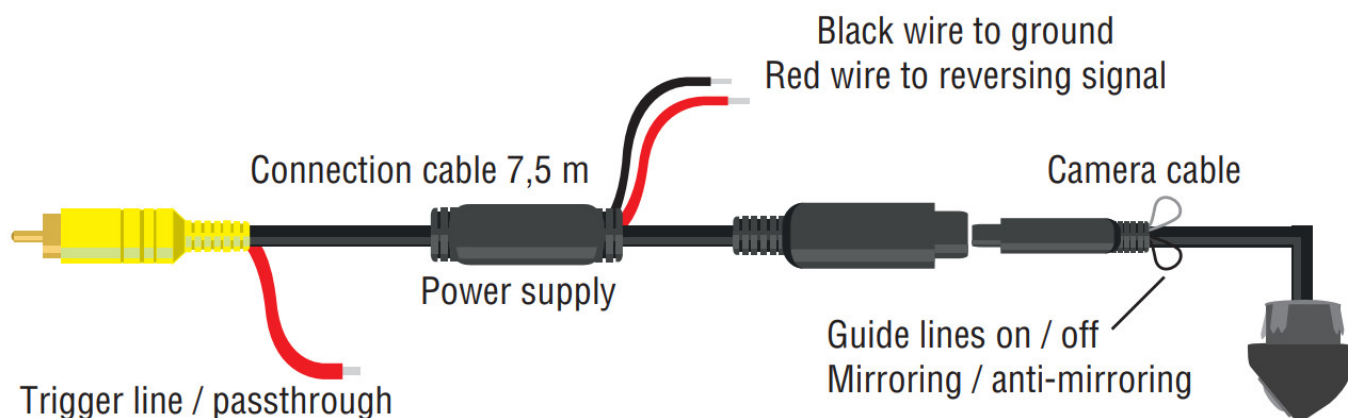
*ATTENTION!

In some vehicles the wire of the reversing light is digitally monitored by the on-board electronics, what can cause disturbances in the rear view camera. In this case please use the signal filter AC-PNF-RVC and install it between the reversing light wire and the red 12V wire of the camera.

Installation



Flush: Drill a 22,5mm hole into the right place and press the camera carefully into the hole.
Run the wire harness and seal its hole to the driver's compartment to avoid flooding.
Connect the wire according to the description above.



Technical Data

Image Sensor	1/3" color CMOS2053
Effective Pixels	960 x 576
Resolution	520 TV Lines
S/N Ratio	>62 dB
Minimum Illumination	0,005 Lux
Diagonal Angle	150°
Horizontal Angle	110°
Protection Category	IP67
Video Output	1,0Vp-p. 75 Ohm
Dynamic range	>76dB
Power	DC 12V +/- 10%
Current Consumption	55mA
Working Enviroment (Relative Humidity)	-30°C ~ +70°C (Rh95%)
Maße (BxHxL)	34 x 35 x 34mm

Hereby Ampire Electronics GmbH & Co.KG declares that the reversing camera KLL420 complies with the directives 2014/30/EU, 2014/35/EU and 2011/65/EU. The full text of the EU Declaration of Conformity in German language is available at the following Internet address: <https://www.ce.ampire.de>

AMPIRE[®]
ELECTRONICS

Since its founding in 1987 Ampire Electronics has only one goal, to provide the best possible Car alarm-, Car hifi- and Multimedia products, which are available on the international market. All manufacturing facilities and suppliers are certified according to ISO 9001 and QS-9000. Ampire quality products are sold worldwide.

An Ampire customer service is available in many countries.

For more information about distributors in your territory please call: + 49-2181-81955-0.

We are focused on future oriented development of user friendly products.

The outstanding high quality standards, functionalities and designs of our products are unique in the market. "German Development" is taken literally in AMPIRE.

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Documents / Resources

	<p>AMPIRE KLL420 Substructure Color Rearview IN Plastic Housing [pdf] Owner's Manual KLL420 Substructure Color Rearview IN Plastic Housing, KLL420, KLL420 Rearview IN Plastic Housing, Substructure Color Rearview IN Plastic Housing, Rearview IN Plastic Housing, Rearview Housing, IN Plastic Housing, Housing</p>
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References

- [!\[\]\(11a0966cbb90b5c1d6ebfc666ec75f78_img.jpg\) **Ampire Autoalarmanlagen, Multimedia- und Rückfahrssysteme**](#)