



## INSTRUCTIONS MANUAL

Digital advertising display

DKS-LED65,Android 13



Please read this manual before using the product and follow the instructions it contains!

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## FOREWORD

Congratulations on the purchase of your new digital advertising display. This machine has been manufactured from high quality materials specifically designed for long-lasting and reliable use. For your own safety and to ensure correct operation of the digital advertising display, be sure to read and follow these operating instructions before using it. Keep these operating instructions. Check the machine for transport damage. Damaged advertising displays must not be put into use. The digital advertising display is used to display advertising in a customer-effective manner. Improper handling may result in injury or damage to the machine. Any liability for damage resulting from improper use of the unit or disregard of the specifications and rules of conduct in this operating manual is excluded. The operator is responsible for ensuring correct use by trained and authorised personnel.

The german operating instructions are the original operating instructions, while editions in other languages are translations. Technical changes are reserved.

## SAFETY INSTRUCTIONS

- Do not use or store the unit in a humid environment. Make sure that the ambient temperature is between -10 °C - +40 °C.
- The digital advertising display is only suitable for indoor use. Do not use it near water.
- Make sure that the surface is level.
- Switch off and unplug the power supply before cleaning the display. Spray cleaning solution on a microfibre cloth to clean the unit. Never spray cleaning solution directly on the unit.
- Do not block the ventilation slots or place the unit near a heat source or other equipment that may affect ventilation.
- Do not carry out repair work on your own. In case of problems, contact our customer service.
- Use the unit with a stable power supply. Use only the power cord supplied with the unit.
- Overloaded mains sockets and extension cords are a source of danger. This also applies to damaged mains cables and plugs. This may result in a risk of electric shock or cable fire.
- Do not drop any objects on the unit.
- Do not subject the unit to shocks.
- Disconnect the unit from the power supply when not in use. Never leave the display switched on when you leave the premises.
- Never touch the power cord during a thunderstorm. There is a risk of electric shock.
- Modifications and alterations to the machine not approved by the manufacturer will void the warranty.



The DKS-LED65 digital advertising display complies with UL94-V0 fire safety requirements. The metal housing is non-flammable in accordance with the standard.

## TECHNICAL DATA

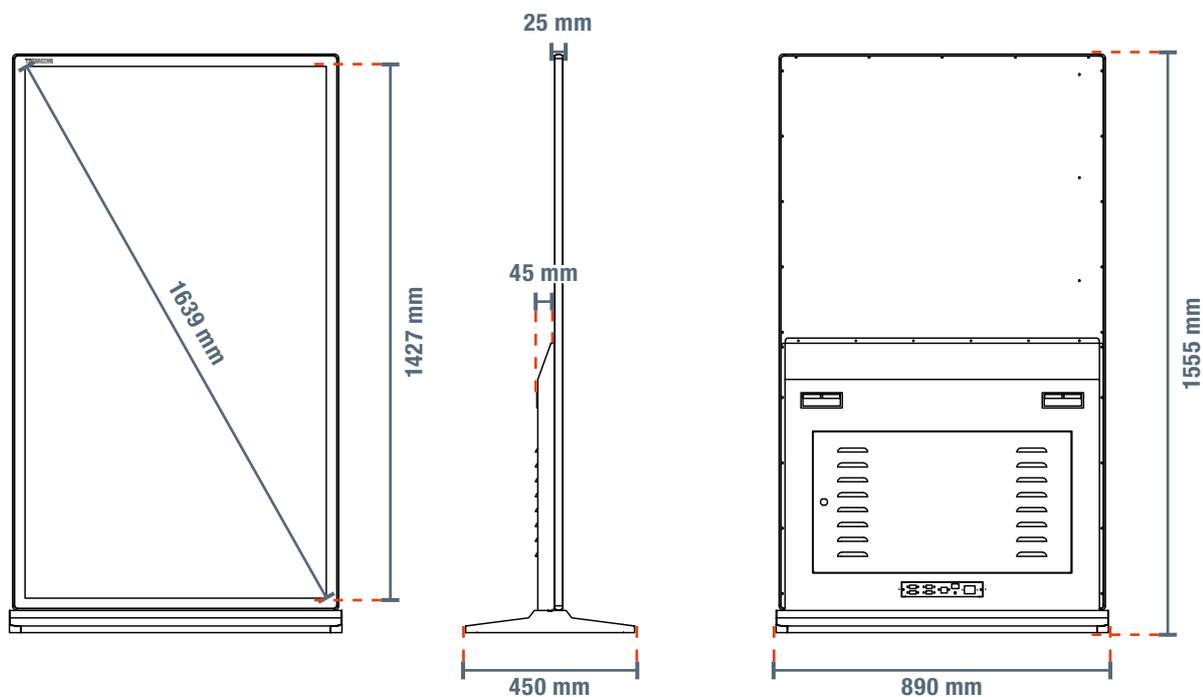
Type	Unit	Value
Model		DKS-LED65
Colour		Black colour
Dimensions (W x D x H)	mm	890 x 450 x 1555
Weight	kg	50
Operating system		Android 13
Range of use		Indoor
Operating time	h/d	24 / 7
Loudspeaker	W	2 x 5
Connections / interfaces		USB / RJ-45 / WIFI / Bluetooth / HDMI
Power consumption (on)	W	≤ 170
Power consumption (standby)	W	≤ 1
Power supply	V	230

## SCREEN

Type	Unit	Value
Screen model		LG
Screen material		ESD glass
Screen diagonal	"	65
Screen dimensions (W x H)	mm	802 x 1427
Screen format		9:16
Resolution	px	1080 x 1920
Luminosity	cd/m <sup>2</sup>	300
Contrast		1200:1
Number of colours	Mio.	2
Lifetime	h	50,000

**SYSTEM**

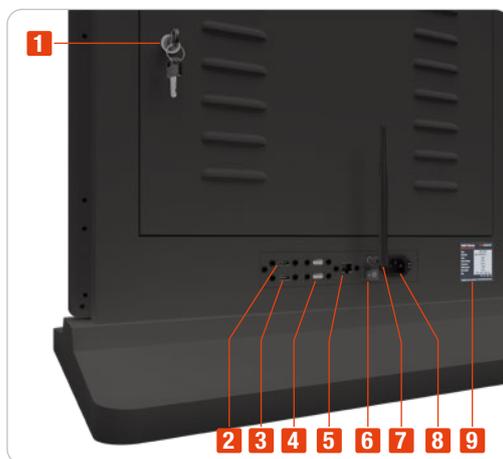
Type	Unit	Value
Operation		Remote control / mouse and keyboard
Response time	ms	5
Processor (CPU)		Rockchip RK3568
Working memory (RAM)	GB	2
Flash memory (ROM)	GB	32



**OVERVIEW OF THE MAIN COMPONENTS**

No.	Name
1	Key
2	HDMI out
3	HDMI in
4	USB
5	RJ45 / LAN
6	ON / OFF
7	Radio antenna
8	Mains cable connection
9	Nameplate
10	ON / OFF
11	Mouse use
12	Forward / rewind
13	Title forward / Title back
14	Play / Pause
15	Stop
16	Volume up / down
17	Sound off
18	Home
19	Control pad
20	Menu

No.	Name
21	Back
22	Digit keys
23	Delete



## ASSEMBLY



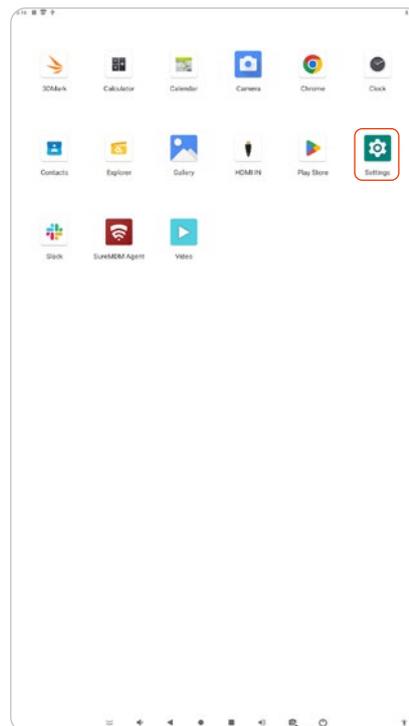
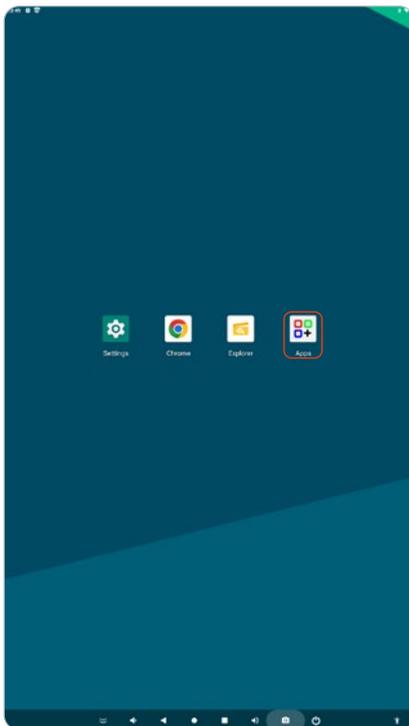
Attach the base with the 6 screws included in the delivery.

Mount the display carefully to avoid scratches.

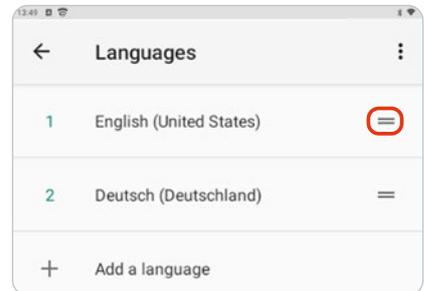
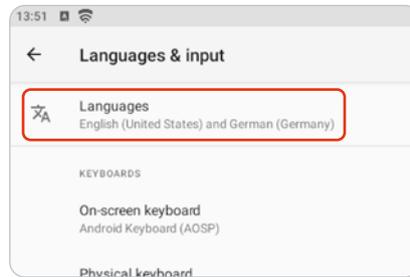
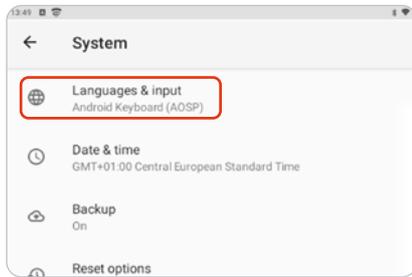
For easy transport, there are two handles on the back of the advertising display.

## OPERATING INSTRUCTIONS

1. Make sure that the power cable is plugged in correctly.
2. Now switch on the unit by flipping the ON / OFF toggle switch (6) on the back of the unit.
3. As soon as you switch on the unit, the Android operating system starts and the start screen opens.
4. Select the desired app using touch, the remote control or a mouse.
5. Use the options menu at the bottom centre of the screen to reach the app overview. All installed apps are listed here. Select the desired app. In the settings, the penultimate tab is "Settings". Here you can adjust all relevant settings, such as time, language and background image.



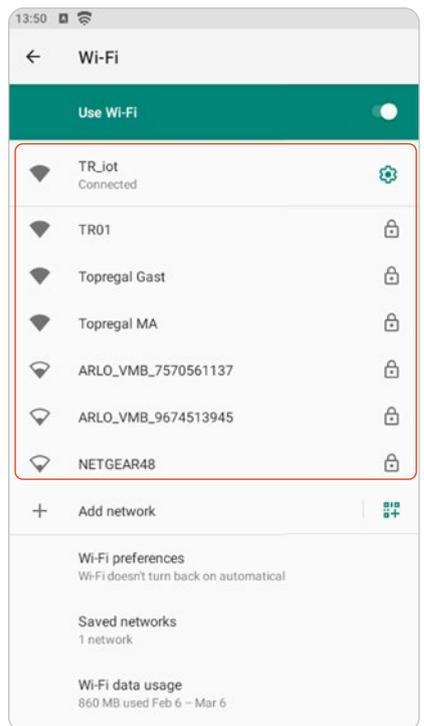
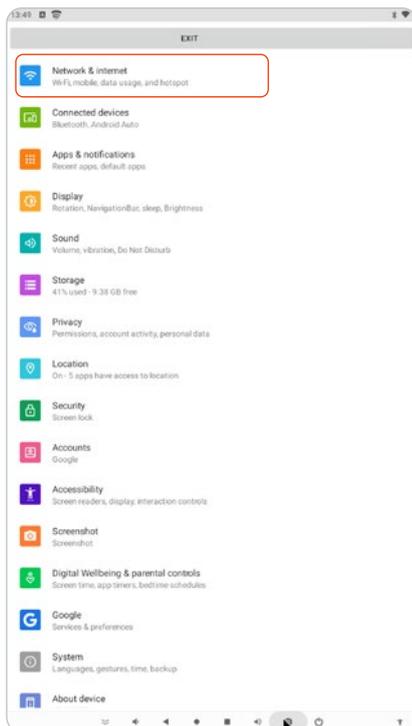
## CHANGING THE LANGUAGE



1. Open the "System" tab.
2. Go to "Languages & Input".
3. Go to "Languages".
4. Look for new languages under the tab "Add a language".
5. Move the desired language to the top using the two horizontal lines.

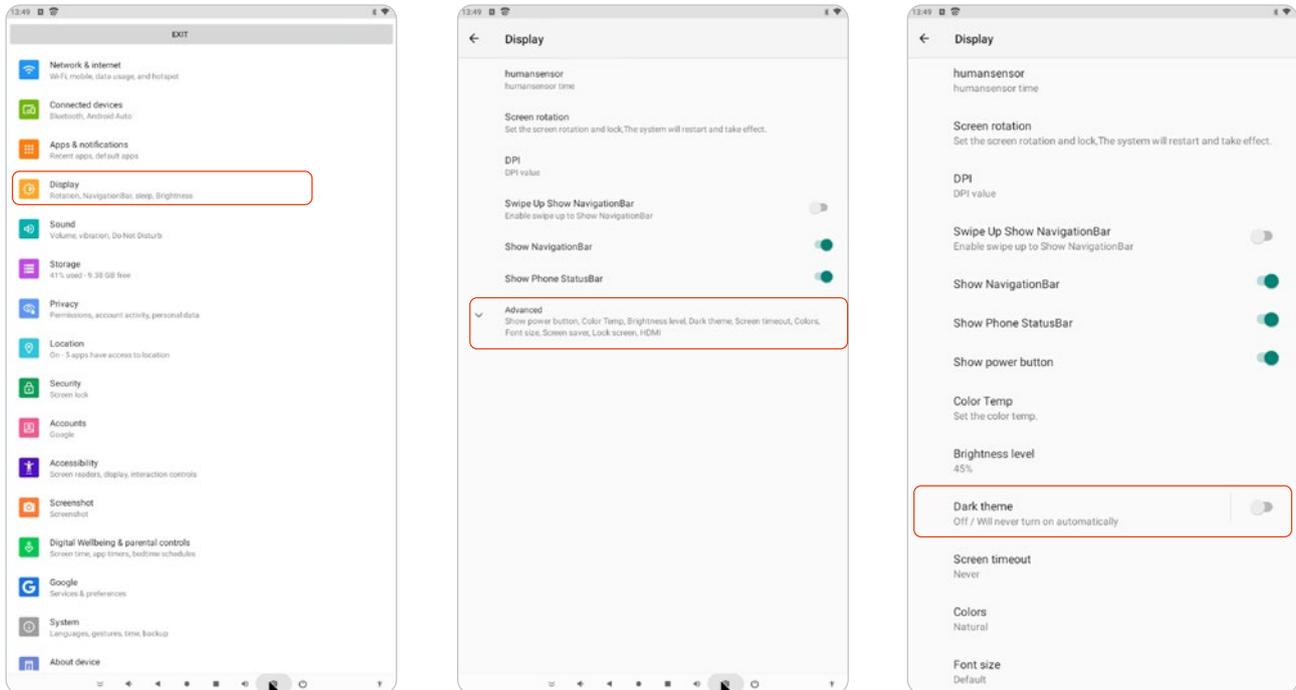
## CONNECT TO THE INTERNET

To connect the advertising display to the internet go to the submenu "Network & internet" and enter the access data of your router or use a LAN cable.



## SETTING THE DISPLAY

If you want to change the screen display permanently go to the menu item "Display". Here you can set display options.



1. You can quickly activate and deactivate functions such as WIFI via the "Status bar" at the top of the screen.
2. You can also see your notifications here, such as received e-mails.
3. The "Navigation bar" at the bottom of the screen gives you the following options:



No.	Name
1	Hide bar
2	Volume down
3	Go back to previous page
4	Home screen
5	Overview of all open programmes / app selection
6	Volume up
7	Take screenshot
8	Turn off
9	Assistance



When displaying an unchanged image for a long period of time, so-called burn-in effects may occur. Image content may remain faintly visible. This effect is technically caused and usually not a defect. Regularly changing the displayed content, showing moving images, or switching the device off for a longer period usually causes the display to recover on its own.

## SETTING THE SOUND

You can adjust the volume using the remote control and directly via the "Navigation bar" on the display. In the menu item "Sound", you can also set the applications for which the advertising display plays sounds.

The advertising display supports the following formats:

Medium	Formats
Video	MPEG-1, MPEG-2, MPEG4, H.264, WMV
Audio	MP3, DTS, AAC, WMA
Image	BMP, JPG, JPEG, PNG, GIF

You can download further apps via the pre-installed Play Store. The digital advertising display is delivered with predefined apps.



If you want to display images and videos on the digital advertising display, make sure that they are provided in the correct format (9:16) or with the resolution 1080 x 1920.

## CONNECTIONS

**RJ45:** To access the network if WiFi is not available or a LAN connection is preferred.

**USB:** External USB inputs. For quick and easy transfer of images and videos to the unit.

**HDMI IN:** For reproducing e.g. computer content on the advertising display.

**HDMI OUT:** For reproducing the contents of the advertising display on external sources, such as displays.

## REGULAR INSPECTION

Carry out regular visual inspections. Pay particular attention to the display and the power cable.

Clean the display regularly. Spray cleaning solution on a microfibre cloth to clean the unit. Never spray cleaning solution directly onto the unit. Regularly check the ventilation slots at the back of the advertising display.

## TROUBLESHOOTING

Problem	Cause	Solution
No picture is displayed and no sound is played back	The mains plug is not plugged in	Plug in the mains plug
	The ON / OFF toggle switch on the back of the unit has not been flipped	Flip the switch
	The sound is set to silent	Increase the volume
The remote control does not work	The distance between the advertising display and the remote control is too far	Reduce the distance between the advertising display and the remote control
	The batteries are flat	Replace the batteries (2 x AAA)
	The remote control is held incorrectly	Aim the remote control directly at the centre of the advertising display
The advertising display crashes	Unstable internet connection	Ensure a stable internet connection
	Roaming activated	Deactivate roaming
Some colours are not displayed correctly	Cables at the back of the advertising display have slipped out	Open the control box at the back and check the cable connections
Image content remains visible	Static display over a long period of time	Switch off the display for several hours
		Change content regularly or display moving content

## SERVICE & CONTACT

Contact our product experts and find help and solutions for your product. Here you will find all contact information listed by country and language: [www.topregal.com/en/service](http://www.topregal.com/en/service)

Responsible for the content:  
 TOPREGAL GmbH  
 Industriestrasse 3  
 70794 Filderstadt  
 GERMANY  
[www.topregal.com](http://www.topregal.com)

# EU Declaration of Conformity

The manufacturer / distributor

**TOPREGAL GmbH**  
**Industriestrasse 3**  
**70794 Filderstadt**  
**Germany**

hereby declares that the following product

Product designation:

**TecMaschin**  
**Digital advertising display**

Type:

**DKS-LED65**

Serial number:

**DKS-LED65-1000000000 – DKS-LED65-9999999999**

complies with all relevant provisions of the applicable legal regulations (hereinafter) - including their amendments in force at the time of the declaration. The sole responsibility for issuing this declaration of conformity lies with the manufacturer. This declaration refers only to the machine in the condition in which it was placed on the market; parts and / or interventions subsequently fitted by the end user are not taken into account.

Conforms to the provisions of the following European directives:

**2014/53/EU**

Conforms to the provisions of the following standards:

**EN IEC 62368-1**  
**EN IEC 62311**  
**EN 301489-1**  
**EN 301489-17**  
**EN 300328**

Name and address of the person who is authorized, compile the technical documentation:

TOPREGAL GmbH  
Industriestrasse 3  
70794 Filderstadt  
Germany



Place: Filderstadt  
Date: 02.05.2021

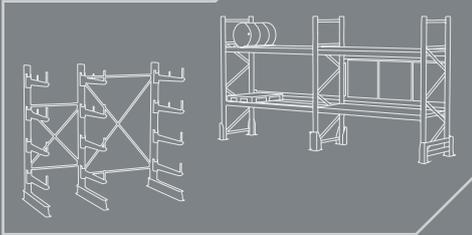
Juergen Effner  
Chief Executive Officer





# TOPREGAL

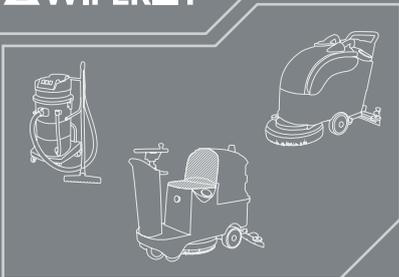
## TOPREGAL



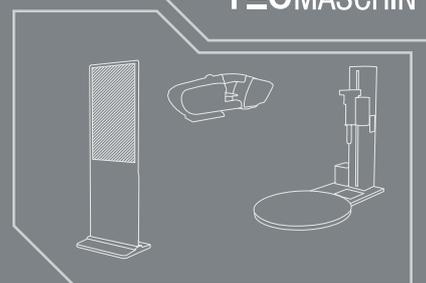
## SolidHub



## WIPEKET



## TECMASCHIN



## SOLOPORT

