TECMASCHIN

OPERATING INSTRUCTIONS

Digital outdoor advertising display with battery

DAO-LCD43E

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

CONTENT

FOREWORD

Congratulations on the purchase of your new digital advertising display. This device is made of high quality materials, specially designed for durable and reliable use. For your own safety and to ensure proper operation of the digital advertising display, be sure to read and follow these operating instructions before using it. Keep these operating instructions. Check the device for transport damage.

Damaged advertising displays must not be put into use. Improper handling may result in injury or damage to the unit.

Any liability for damage resulting from improper use of the device or failure to observe the specifications and rules of conduct in this operating manual is excluded. The operator is responsible for ensuring correct use by trained and authorized personnel. The German-language operating manual is the original operating manual, while editions in other languages are translations. Technical modifications are reserved.

SAFETY INSTRUCTIONS

- Do not leave the device in heavy rain. Ensure that the ambient temperature is between -20 – 70 °C during use and between 18 – 30 °C during charging.
- The digital advertising display is suitable for indoor and outdoor use.
- Make sure that the device is switched on when it is in the sun. Otherwise, damage to the display may occur.
- Make sure that the surface is level.
- Turn off the power and unplug the charger before cleaning the display. Spray cleaning solution onto a microfiber cloth to clean the device. Never spray cleaning solution directly onto the device.
- Do not block the ventilation slots or place the device near a heat source or other equipment that may affect ventilation.
- After placing the unit, the left castor must be blocked to prevent it from rolling away unintentionally (see page 10).
- Do not perform repair work on your own. Contact our customer service department in case of problems.
- Use only the charger supplied with the device.
- Overloaded mains sockets and extension cords are a source of danger when charging. This also applies to damaged power cords and plugs. This can result in the risk of electric shock or cable fire.
- Do not drop any objects onto the device.
- Do not subject the device to shocks or impacts.
- Disconnect the device from the power supply when not in use.
- Never touch the charger during a lightning storm. There is a risk of electric shock.
- Modifications and changes to the device not approved by the manufacturer will void the warranty.

ⓘ The DAO-LCD43E digital advertising display complies with the fire safety requirements of UL94-V0.
The metal housing is non-flammable in accordance with the standard.

TECHNICAL DATA

GENERAL

Type	Unit	Value
Model		DAO-LCD43E
Color		Black
Dimensions (W x D x H)	mm	585 x 172 x 1235
Dimensions set up	mm	585 x 440 x 1210
Weight	kg	45
Operating system		Android 13
Range of application		Indoor / outdoor
IP Rating		IP55
Operating temperature	°C	-20 – 70 °C
Service life		24/7
Loudspeaker		2 x 15 W, 8 Ω
Connections / interfaces		2 x USB, 1 x RJ45, 1 x HDMI OUT

SYSTEM

Type	Unit	Value
Operation		Remote control
Response time	ms	300
Processor (CPU)		RK3288, quad core CPU frequency: 1.8 GHZ
Working memory (RAM)	GB	2
Flash memory (ROM)	GB	32

DISPLAY

Type	Unit	Value
Screen model		BOE IPS High TNI 105 °C
Material		Tempered glass
Screen diagonal	"	43
Screen dimensions (W x H)	mm	529 x 940
Format		9:16
Resolution	px	1080 x 1920 (Full-HD)
Luminosity	cd/m²	1500
Contrast		4000:1
Number of colors	Mio.	16.7
Lifetime	h	50000

BATTERY

Type	Unit	Value
Battery		Ternary lithium battery
Charging time	h	7
Running time	h	14 (above 0 °C)
Nominal capacity	Ah	50
Power consumption (on)	W	90
Power supply	V	24

40 mm

1235 mm

123 mm

585 mm

170 mm
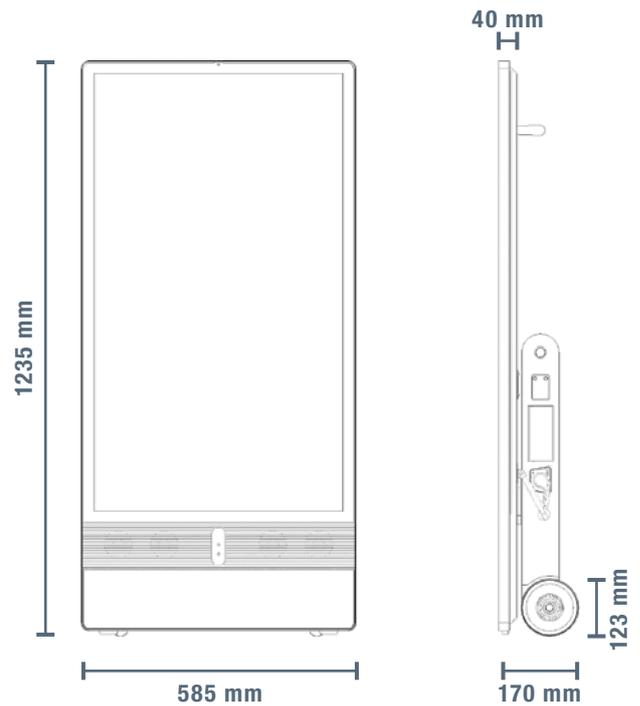
OVERVIEW OF THE MAIN COMPONENTS

No.	Designation
1	Brightness sensor
2	Sensor for remote control
3	WIFI module
4	On & off button
5	Charging socket
6	2 x USB port
7	HDMI IN port
8	RJ45 port
9	HDMI OUT port

ℹ The ports are located behind the door.
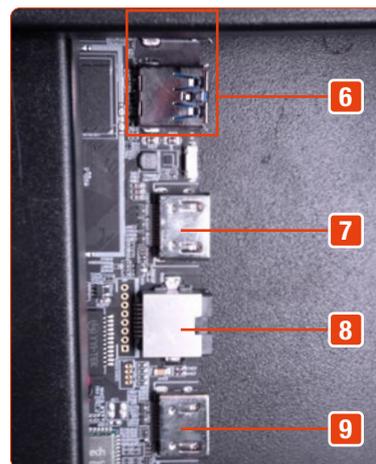
CONNECTIONS

Connection	Description
2 x USB	External USB inputs. For quick and easy transfer of images and videos to the device
1 x HDMI OUT	For playing back the content of the advertising display on external sources, such as displays
1 x RJ45	For accessing the network if WIFI is not available or a LAN connection is preferred

CHARGING THE BATTERY

1. Connect the charging cable of the charger to the socket (a) on the left side of the device and the other connection to a 230 V socket.
2. The charger automatically starts charging the device.
3. The charger lights up red during charging.
4. When fully charged, the charger lights up green.

BATTERY LEVEL INDICATOR

Smart Battery Monitor

No.	Designation
1	Power supply
2	Charge indicator
3	Battery status
4	ON and OFF button for charge indicator

REMOTE CONTROL

No.	Designation
1	ON / OFF
2	Play / pause, stop, rewind, fast forward
3	Settings
4	Screenshot
5	Screen settings
6	Control pad
7	Back
8	Numeric keys
9	Sound on / off
10	Volume up / down
11	Home
12	Using the mouse
13	Remove

INSTRUCTION MANUAL

1. Make sure that the device is charged.
2. Now turn on the device by pressing the ON / OFF button on the right side of the advertising display (seen from the front).
3. As soon as you turn on the device, the Android operating system will start and the home screen will open.
4. Uninstall the „Terminal" program and „receiver.ys.m.3568" by pressing and holding the icon on the home screen with the OK button on the remote control. A window „App Info" will open. Select it and press Ok. Go to the Uninstall tab to delete the app.
5. Using the remote control or a mouse, select the desired app. Use the middle icon at the bottom center of the screen to reach the home screen. All installed apps are listed here. These can be arranged several screen pages. Select the desired app.
6. Via the settings button on the remote control (3), you can adjust all relevant settings, such as time, language and background image.
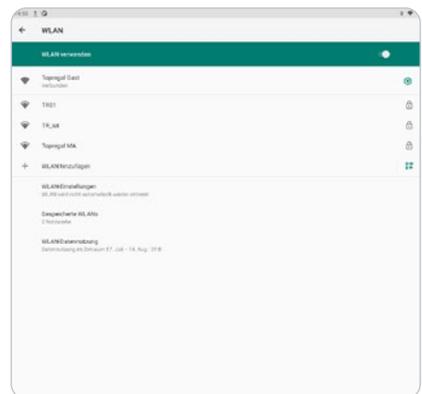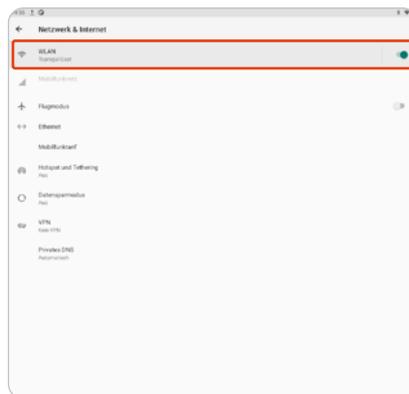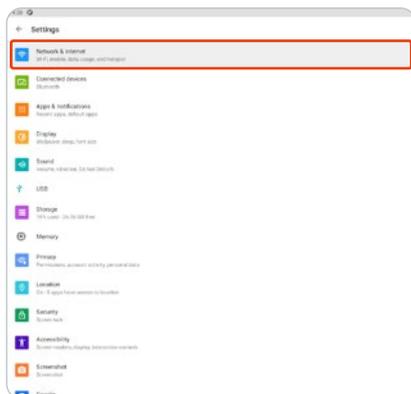
CHANGING THE LANGUAGE
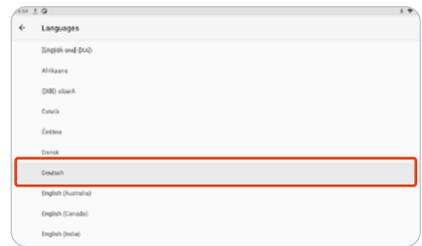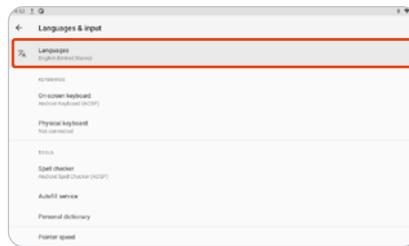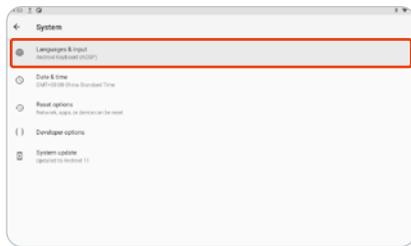
1. Open the „System" tab.
2. Go to „Languages & Input".

3. Go to „Languages".

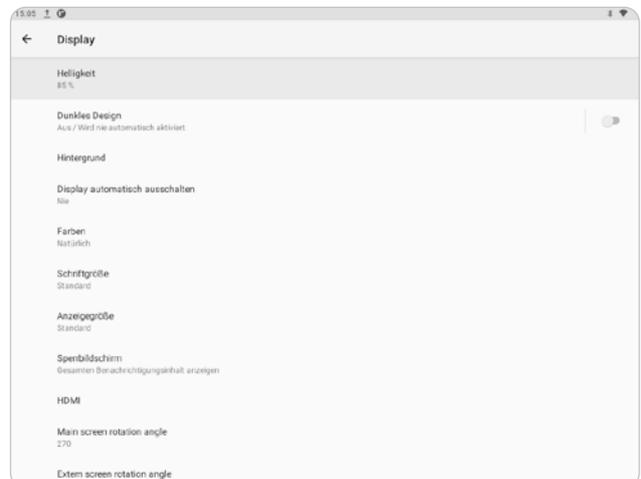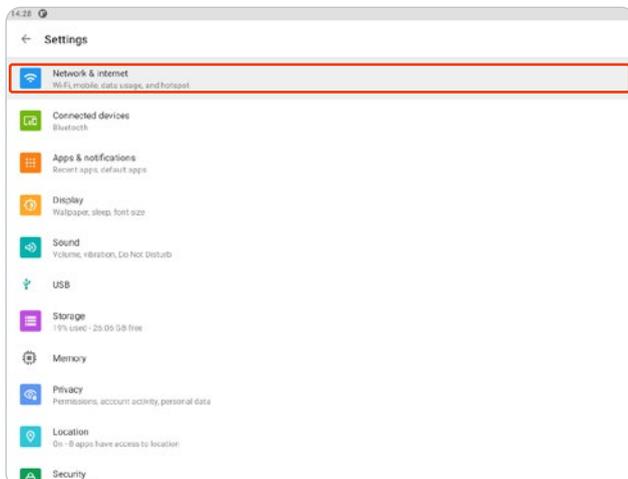4. Select your desired language.

CONNECT TO THE INTERNET

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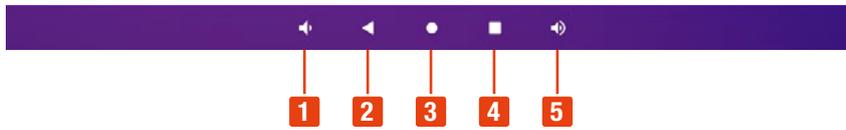

DISPLAY SETTINGS

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

The „navigation bar" at the bottom of the screen gives you the following options:

No.	Designation
1	Quiet
2	Back
3	Start screen
4	Show open programs
5	Louder

ℹ️ 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.

SOUND SETTINGS

You can adjust the volume using the remote control and directly via the „navigation bar" at the bottom of the display. In the „Sounds" menu item, you can also set the applications for which the advertising display plays sounds.

The advertising display supports the following formats:

Medium	Formats
Video	MPG, AVI, MP4, RM, RMVB, TS
Audio	MP3, WMA
Image	JPG, GIF, BMP, PNG

You can download additional apps via the pre-installed Play Store. The digital advertising display comes with predefined apps.

ℹ️ 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.

SEND IMAGES VIA BLUETOOTH

1. Open the Gallery app.
2. Select the desired folder.
3. Select the desired image by pressing and holding the „OK" key for 3 seconds.
4. More pictures can be selected by clicking the „OK" button.
5. The Bluetooth icon will open a new window with the possible connections.
6. Connect your compatible device.
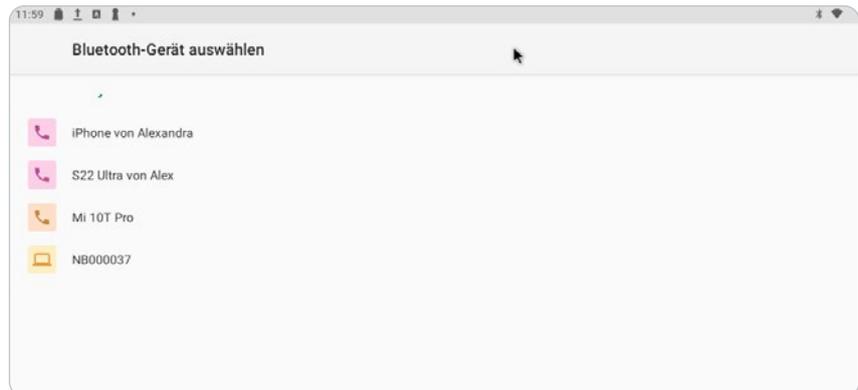
BLOCKING THE ROLLERS

The two keys provided are for locking the left wheel.

Lock the wheel: Turn key counterclockwise upward.
Unlock wheel: Turn key clockwise downwards.

TROUBLESHOOTING

Problem	Cause	Solution
No picture is displayed and no sound is played back	The device is discharged	Charge the device
	The ON / OFF switch on the side of the device has not been flipped	Press 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 wide	Decrease the distance between the advertising display and the remote control
	The remote control is held incorrectly	Aim the remote control directly at the sensor of the advertising display
	The batteries are empty	Replace the batteries
The advertising display crashes	Unstable internet connection	Open the control box at the back
	Roaming activated	Deactivate roaming
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.co.uk/en/service

Responsible for the content:
TOPREGAL GmbH
Industriestrasse 3
70794 Filderstadt
GERMANY
www.topregal.com

UKCA Declaration of Conformity

The manufacturer

TOPREGAL UK Ltd.
Carlton Drive Crumlin
Gwent NP11 4EA

hereby declares that the following product

Product name: Type:

TecMaschin   **DAO-LCD43E**
Digital outdoor advertising
display with battery

Serial number:

DAO-LCD43E-1000000000 – DAO-LCD43E-9999999999

that the equipment is in conformity with the following relevant UK legislations and applied standards:

2014/30/EU Electromagnetic Compatibility

EN 55032
EN 61000-3-2
EN 61000-3-3
EN 55035

Name and adress of the person who is authorized, compile the technical documentation:
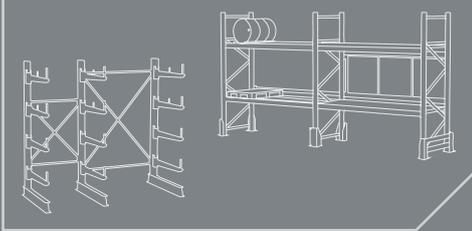
TOPREGAL UK Ltd.
Carlton Drive Crumlin
Gwent NP11 4EA

Place: Crumlin UK   Juergen Effner
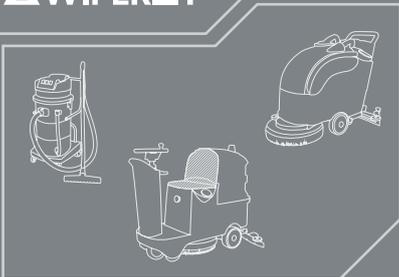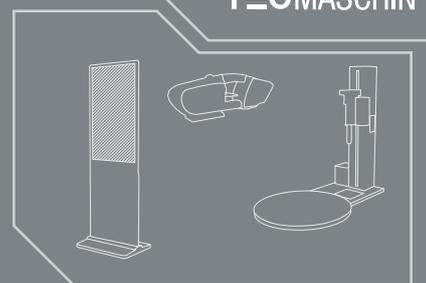Date: 11.11.2019   Chief Executive Officer

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SolidHub

WIPEKET

TECMASCHIN

SOLOPORT