

Model: DGODPSGN43

Description: 43-Inch Outdoor Portable Digital Signage

USER MANUAL

Scan QR code to visit the product page:



FCC ID: 2ASCB- DGODPSGN43

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes/modifications to this equipment not approved by George Patton
Associates could void the user's authority to operate the equipment.

Operating Instructions for Digital Signage

Note: Before using the product, please read the instructions carefully!

Do not attempt to disassemble this product. If the product does not work properly, please call our Customer Service Department at 1-844-221-3393.



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Features

- 1.Embedded with Android 7.1 smart operating system and unique UI design, bringing you a more convenient operation and better visual experience.
- Supports USB mouse and keyboard, allowing easy manipulation like a computer. Using a mouse for set up is recommended.
- 3.Built-in Wi-Fi module, high-capacity memory and high-capacity cache, making it smoother to watch 1080P HD movies and play big games.
- 4.High-quality LCD screen as the display, with no flicker, low radiation, greatly reducing eye fatigue, eye protection, high brightness, high contrast, and wide viewing angle; ultra-fast response time greatly reduces ghosting of fast moving images.
- 5.Progressive image processing and industry-leading motion compensation technology improve the flickering and blurring in the edges of motion picture.
- 6. Dynamic contrast technology can significantly improve the clarity and contrast of various screens.
- 7. Multi-channel USB interfaces, supporting HD media streaming.

Safety Warnings and Precautions

Thank you for purchasing the high-performance multi-functional LED backlight Digital Signage from Displays2Go. We have considered the factors to ensure personal safety in product design and have tested rigorously at the factory. However, improper installation and use may result in electric shock and fire. In order to safely use, maximize performance of the unit and extend the life of the product, please read and follow all instructions carefully before using the product.

Keep the instructions for future reference.

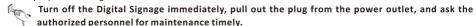
We strongly recommend using a surge protector, or a power strip with internal circuit breaker to prevent damages to the digital signage.

Symbol Legends:

- ⚠ Warning: May cause personal injury or death
- The operation is prohibited
- The operation must be executed

If any of the following occurs:

- Power outage or instable voltage.
- · Abnormal sound or smell from the unit.
- · AC power cord is damaged.
- Digital Signage is damaged due to drop, knock or impact.
- Any liquid or foreign matters fall into the enclosure.



O If coal gas or other flammable gas leaks, do not pull out the plug of the LCD Digital Signage or other electrical appliances; instead, turn off the gas valve immediately, and open the doors and windows quickly.



⚠ WARNING

- 0.
- Do not use power supply other than AC 110V, 60Hz.
 - Cut off the power supply before connecting or disconnecting any cables.
 - Do not place the Digital Signage on any instable positions, or else it may be damaged or cause fire.
 - Do not place the Digital Signage in the positions such as:
 - The environment subject to direct strong sunlight, moisture, extreme temperature or too much dust:
 - 2. The environment with flammable or explosive materials;
 - 3. The environment with flammable or corrosive gases;
 - Do not use damaged or inappropriate power outlets, and ensure that the plugs and outlets contact properly.
 - Do not let dust or metal deposits adhere to the plugs and outlets.
 - Do not damage the power cords:
 - 1. Do not modify the power cords;
 - 2. Do not place heavy objects on the power cords;
 - 3. Keep the power cords away from heat source;
 - 4. Do not pull the cord to remove the plug.
 - Do not connect too many plugs to one outlet in parallel, or else it may cause fire due to excessive power consumption.
 - Do not approach the Digital Signage with open flame (e.g. a lighted candle), or else it may cause electric shock or fire.
 - Do not put any sharp objects, metal or liquid into the vents or let them touch the signal terminals to avoid short circuit, product damage, and electric shock.
 - The openings in the enclosure are designed for ventilation and cooling, to ensure long time reliable running of components inside the enclosure and prevent overheating. Do not block the openings when place the unit.
- Do not touch the plugs with wet fingers, or else it will cause electric shock.

Do not use the Digital Signage in stormy weather, especially when there is lightning; instead, please disconnect the power and antenna plugs to avoid lightning strike.

On not disassemble the Digital Signage without permission, or else it may cause electric shock or fire. Please ask qualified technician for repair.





- Do not let children climb onto the Digital Signage.
- Keep the small parts away from children to prevent them from swallowing.
- If the Digital Signage won't be used for a long time, please turn it off and pull out the power plug.
- To adjust the position of the Digital Signage, please disconnect all power cords and move slowly to avoid tip over.
- Do not scratch or knock the LCD with hard object, or twist and squeeze the LCD.
- Do not turn on the unit immediately when it is moved from a place with low temperature to high temperature, or else it will cause condensation and malfunction.
- Before cleaning the Digital Signage, please pull out the power plug; wipe with soft cloth; do
 not use industrial chemicals; prevent foreign matters from entering the machine. Improper
 cleaning (such as cleaning solution, water) may damage the product, erase the printed
 information, and even cause damage of the components if fluid flows in, resulting in machine
 failure.
- If the unit displays the same screen for a long time or the moving picture has fixed text or
 icon, it will leave ghosting on the screen and won't disappear when the unit is turned off; it is
 normal and isn't covered by the warranty.
- The power of the Digital Signage can be cut off by pulling out the plug.
- If the LCD screen ruptures and the liquid splashes on the skin, please rinse for 15 minutes with clean water immediately, and consult your doctor.
- To carry the Digital Signage with hands, please grab and hold the edges; do not apply
 pressure on the panel.
- Use the Digital Signage properly: Use in proper lighting conditions; insufficient lighting or long time watching will impair your eyesight.
- When the plug or coupler is used as disconnection device, it should be easy to operate the
 device.
- Insert the plug into the outlet properly, or else it may cause sparks and fire.
- The technical specifications printed herein and on the packaging are subject to change without prior notice. The Manual may be slightly different from actual operation, and the latter is applicable.

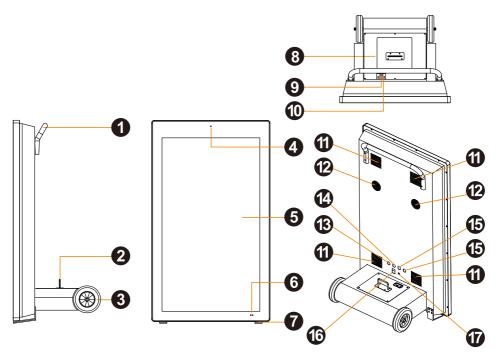


Assembly and Connection

Parts List

Accessory	Picture	Qty
AC Power cord		1
Power adapter		1
Remote control		1
User menul		1

Description of Parts for Floor Standing Version



- 1 Handle
- Andle of battery box
- 3 Wheels
- 4 Light sensor
- 5 LCD Screen
- 6 IR Indicator

- Non-slip mat
- **B** Battery box
- Battery indicator
- 10 Power indicator button
- 11 Heat sink
- 12 Speaker

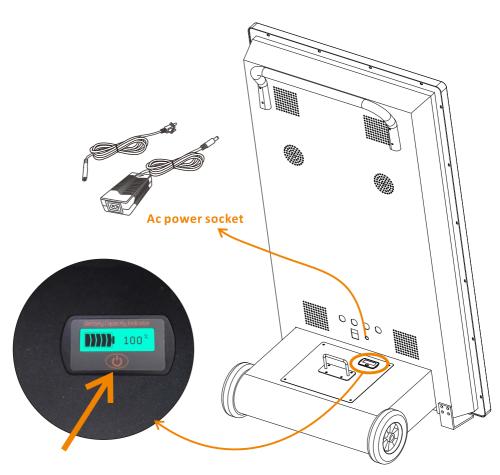
- RJ45 connection
- 14 HDMI port
- 15 USB port
- 16 Power switch
- AC power socket

CAUTION: Disconnect the power plug before assembling or disassembling the unit!



Instruction of the battery

- 1. As shown below, please press the (1) button for battery level checking.
- 2. When charging is required, plug the DC plug into the DC port to charge.
 - Note: We recommend that the battery level should not be less than 10% for long-term using consideration.
- 3. When the product needs to be stored for a long time, the battery power shall not be less than 30%. When the storage time is more than 1 month, it is recommended to charge the battery every month, and keep the power not be less than 30%, so as to keep long life of the battery.





Remote Control of the LCD Screen

Installing batteries for the remote control:

Remove the battery cover and insert two AAA batteries (1.5V). Ensure that the battery polarity matches the "+"/"-" marks in the battery compartment of the remote control.

Precautions for using the remote control:

- Aim the remote control at the receiver window. Do not place any object between the remote control and the receiver window to avoid interference with the normal operation.
- Keep the remote control away from violent vibration. In addition, do not set or place the remote control in direct sunlight, or else the remote control may be deformed by heat.
- The remote control may be invalid when the receiver window of the unit is in direct sunlight or strong lighting; in this case, please adjust the angle of the lighting or the unit or approach the receiver window to use it.
- The distance of remote control will be shortened if the battery voltage is insufficient; in this case,
 please replace with new batteries; if the remote control won't be used for a long time or the
 batteries are run out, please take out the batteries to avoid corrosion due to battery leakage,
 which will damage the remote control.
- Do not use batteries of different types or mix new batteries with old ones. Always replace the batteries in pairs.
- Do not put the batteries in fire, or charge or disassemble them, or charge, short circuit, disassemble, heat or burn used batteries. Please dispose of waste batteries in accordance with local environmental regulations. Do not expose the batteries in overheated environments such as sunlight and fire.

Description of remote control buttons:

Power switch

To show the Source menu

Mute

Turn down the volume

Turn up the volume

To move the cursor up

To move the cursor left

To move the cursor right

To move the cursor down

OK Play programs; confirm selection

Display indication

Home page

Back

MENU To show the main menu

SETUP To set up OSD menu

0-9 Input numbers





Description of Basic Operation

Power on/Standby

Insert the power plug into the outlet. If the Digital Signage has the switch button "I", turn it on. In power on state, press the "也"button on the remote control, and the Digital Signage enters standby state.

Interface and Home Screen

After power on, the machine will launch home screen, as shown below:

Icon	Function
	App Drawer
٥	Back
0	Home page
	Background applications
	Sound -
	Sound +





Description of Wallpaper Switch

We suggest using a mouse to change the wallpaper.

Connect a mouse with the digital panel through USB port, then follow the steps below:

- 1. Click "Setting"
- 2. At the setting menu, click "Display"
- 3. At the Display setting menu, click "Wallpaper", then choose a folder.
- 4. Then select an image you would like to set up as background.
- 5. Confirm the selection by clicking "Set wallpaper".

File Manager

- 1. Click the Main Apps button " (iii) " in the Home screen to enter the "APPS" menu interface (Fig. 1);
- 2. Click the "Explorer" icon in the "APPS" menu interface (Fig. 2) and enter "Explorer" menu (Fig. 3);
- 3. Choose storage in the "Explorer" menu to read the files from different devices.

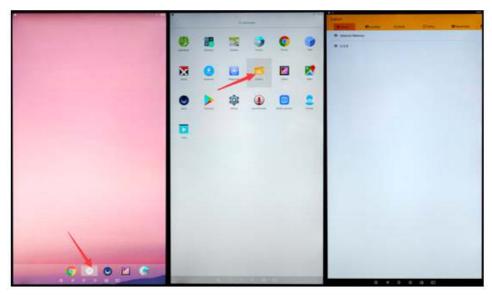


Fig. 1 Fig. 2 Fig. 3



Local Settings

- 1. Click the App Drawer icon " 🖮 " in the Home page to enter the "APPS" menu interface (Fig. 1);
- 2. Click the "Settings" icon (Fig. 1) and enter "Settings" menu (Fig. 2);
- 3. Click "Wi-Fi" and choose options then set up the WIFI connection (Fig. 3).







Fig. 1

Fig. 2

Fig. 3

Description of Settings Interface (shown on the right)

lcon	Function
-	WIFI switch
*	Bluetooth
0	Data usage
•	Display
	Notifications
◆	Sound
*	Apps
2	Screenshot Setting
	Storage
	Battery
2	Memory
-	Users
9	Location
a	Security
	Accounts
G	Google
(4)	Languages & input
•	Backup & reset
0	Date & time





Status of Menu Bar

- 1. Click the setting (Fig.1)
- 2. At the setting menu click the display menu (Fig. 2);
- 3. At the display setting menu unselect the display navigation check box. (Fig. 3)

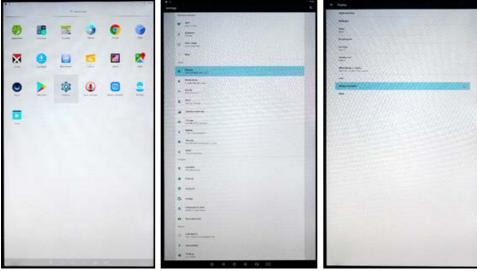


Fig. 1 Fig. 2 Fig. 3

DiViEx APP Introduction

System requirements:

Step 1: Before using the APP, make sure your device meets or exceeds the following system requirements:

CPU	RK3288
Operating system	Android 7.1

How to upload media files:

Step 2: Plug in your USB drive to the computer. Open the drive in Windows Explorer and create a new folder, rename it "MediaFolder". As shown below:





Open "MediaFolder", create 3 subfolders, and change their names to "Images", "Videos", "Music". Copy the media file to be displayed, image to "Images", video to "Videos", Music to "Music"



Supported Media Format:

Image	JPG/JPEG/BMP/PNG
Video	AVI, MPEG4, WMV, MKV, FLV, MP4, MOV
Music	MP3

Step 3: Plug the USB drive into the device and click the DiViEx APP.



Step 4: When the screen shows "Copy finished" after "Usb Disk:", the media files are ready to be displayed.





Settings:

- 1. Set the time each picture is to be shown on the screen by dragging the bar to the desired time.
- 2. Select how you would like the images to display. Select the desired transition effect between pictures:
- Auto Boot

DiViEX APP will automatic open when the digital signage is turned on.

Auto Play

DiViEX APP will automatic play the slideshow when it is opened.

· Choose Picture display mode

Check a fit option how you want the pictures to be displayed.

· Set Picture switch mode

Choose an animation option to set the fade in and fade out effects.



Edit picture:

This function shows all pictures, you can edit all pictures, and remove it.

Crop

There are four corner handles and four border handles to crop the picture. Click and drag a handle to reshape the image to any size you need.

Filter

You can browse and try different filters in the filter gallery below the image. The APP support the following filter: AUTO_FIX, BLACK_WHITE, BRIGHTNESS, CONTRAST, CROSS_PROCESS, DOCUMENTARY, DUE_TONE, FILL_LIGHT, FISH_EYE, FLIP_HORIZONTAL, FILP_VERTICAL, GRAIN, GRAY_SCALE, LOMISH, NEGATIVE, PSTERIZE, ROTATE, SATURATE, SEPIA, SHARPEN, TEMPERATURE, TINT, VIGNETTE.

• Rosat

Click "Reset" to remove all the editing you applied to the image.

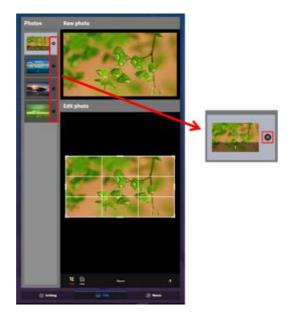
• Save " 🖺 "

Click the icon to save the edited image as a new image.





• Image deletion
Click " To delete unwanted pictures

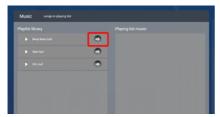




Music:

List all music files in the Playlist library

Add music to "Playing List Music" (Background music) from "Playlist Library".
 Click "right arrow", music title will show in the "Playlist Music" on the right.



• To remove the added music file from the playlist, click the "left arrow" in the playlist.



Factory Reset:

- 1. Go to Settings, then click "Backup & reset" (Fig. 1)
- 2. Click "Factory data reset" (Fig. 2)
- 3. Choose "Reset Tablet", then click "ERASE EVERYTHING" to get the unit to Factory Reset. (Fig. 3)







Fig. 1 Fig. 2 Fig. 3



Screen Rotation

- 1. Click the Main Apps button " (iii) " in the Home page to enter the "APPS" menu interface (Fig. 1)
- 2. Click "System assistant" into Fig. 2
- 3. Choose the degree to Rotate screen, then click "Confirm", after the restart, the screen will be rotated (Fig. 3 &Fig.4)





Fig. 1



Fig. 3

Fig. 2





Choose System Language:

- 1. Get into Settings, then click "Language & input" (Fig. 1)
- 2. Click "Languages", then click "Add a language" (Fig. 2)
- 3. You can add the required system language (Fig. 3)
- 4. Drag the system language you just added up to the front (Fig. 4)-Please use a mouse to operate.





Fig. 1







Fig. 3

Fig. 4



Technical Specifications

	ITEM	SPECIFICATION
	Material	Alu.+Steel
	Panel Type	43" BOE LCD
	Display Area	940.896*529.254mm
	Optimum Resolution	1080*1920
	Contrast Ratio	1200: 1
	Viewing Angles	89/89°
	Response Time	8ms
	Light Source	LED
Due door / LCD	Brightness	Max. 1500nits
Product / LCD	Pixel Pitch	163.35(H)X490.05(V)
	Display Colors	16.7M(8bits-true)
	Color Temp	Cold white
	Aspect Ratio	9:16
	Refresh Rate	50/60HZ
	Panel Surface Material	TFT
	Touch	NO
	Operating Time	7x18hrs
	Panel Life (hours)	30000hrs
	Operating System	Android 7.1
	Software	DIVIEX
	Player	Integrated in software
CMS	Drive Type	Integrated in software
	External or Integrated	Integrated
	Templates	yes
	Maximum video decoding	1080P
	HTML5	No



	IP Streaming IP	yes, but subject to bandwitch
	Live Text & Media Feeds	USB; WIFI; Wire Network
	Multi-Zone	YES
	Transitions	YES
CNAC	Day Parting	YES
CMS	Scheduling	YES
	Drag & Drop Functionality	YES
	Loops	YES
	Campaigns	YES
	Remote Content Update	YES
Video	Video playback	YES
Audio	Audio format	MP3
Image	Picture format	JPG, JPEG, BMP, PNG, GIF
Input	Video Input	NO
трис	Control Input/Output	Output
Storage	Internal Storage Capacity	16GB
Speaker	Amplifier	YES
	Control	Rockchip RK3288W, Quad-core
	SD Slot	NO
	Ethernet LAN	YES
	Audio_IN	NO
Connector	USB	YES
Connector	HDMI	YES
	VGA	NO
	Digital	NO
	USB/SD/Micro SC/HDMI: list all	USB/HDMI/RJ45
	Power	YES



	Voltage (in/out)	AC100-240V
Power	Consumption (Watts)	About 88W
	Cord Length	1.5m
	Compliance Listed (on power source)	Power supply with ETL listed
Operating	Temperature	Operating temperature:0-40°C
Conditions	Humidity	10-80%
Dona donat	Screen	43"
Product Dimensions	Overall Unit	468mm(W)*1800mm(H)
Packing Information	Net Weight.(Kgs)	43.6kgs
	Gross Weight.(Kgs)	55.4kgs
	Packing Dimension	1253x590x795mm



Troubleshooting the Digital Sign			
Issue	Probable Cause	Solutions	
No picture or sound	 Unit not plugged into wall outlet Power cord not properly connected to the terminal on the back of the unit. Unit not powered on Wall outlet not working 	 □ Check that the unit is plugged into wall outlet. □ Confirm that the power cord is connected to the terminal on the back of the unit. □ Turn the on/off toggle switch located on the back of the unit, lower center, to the "on" position. □ Unplug unit, wait 20 seconds, plug unit back into outlet and try again. □ Make sure that outlet is working by plugging in a different electrical device. ★ If all of the above have been checked and the issue is not resolved, contact a customer service representative. 	
No sound (but picture is working)	 Volume not adjusted on the remote control. Content/Video does not have sound. Content format is not compatible. Speakers do not work. 	□ Adjust volume using the remote control □ Confirm content is one of the following compatible formats: AVI, MPEG4, WMV, MKV, flv, MP3, MP4, MOV. □ If unit is connected to Wi-Fi, go to YouTube and play video that has sound □ Unplug unit, wait 20 seconds, plug unit back into outlet and try again. □ Try playing the content on a different device (smart phone, computer or tablet) If all of the above have been checked and the issue is not resolved, contact a customer service representative.	
No picture (but sound is working)	 Content file damaged. Content format is not compatible. Screen damaged or defective. 	□ Confirm content is one of the following compatible formats: AVI, MPEG4, WMV, □ MKV, flv, MP3, MP4, MOV. □ Try playing the content on a different device (smart phone, computer or tablet) □ Unplug unit, wait 20 seconds, plug unit back into outlet and try again. ❖ If all of the above have been checked and the issue is not resolved, contact a customer service representative.	
Remote control not working	 Batteries not inserted properly. Batteries are dead. Standing too close or too far from the unit. 	□ Check that battery is inserted properly with positive and negative orientation. □ Insert new batteries. □ Stand within 1 foot of the front of the unit and point the remote directly at the sensor (green dot) ❖ If all of the above have been checked and the issue is not resolved, contact a customer service representative.	



No Wi-Fi signal	 Wi-Fi is not turned on in product settings. Wi-Fi is not connected to a network Low or no signal from the router Antenna is missing or not pointed upward. Damaged PC board 	Check that Wi-Fi is turned on in settings Click the settings icon from the Android home screen. Click "Wi-Fi". Click the on/off icon in the upper right hand corner to turn on Wi-Fi. "On" will appear on the upper left hand side. Then select your Wi-Fi network Confirm that the antenna is in place and pointed upward. Check that other devices are receiving the signal. If other devices are not receiving the Wi-Fi signal, please contact your internet service provider. Unplug or reset the router and wait for 20
		seconds. Restart the router and check. If all of the above have been checked and the issue is not resolved, contact a customer service representative.
Parts missing or Damaged	 Parts missed during manufacturing. (No charge for replacements) Parts lost or damaged by the customer. (There is charge for replacements) 	 Contact a customer service representative.
Having problems with installing software or getting content to play	 Did you purchase the DisplayIt!Xpress software from Displays2go? Did the customer purchase or downloaded another 3rd party software onto the product? 	□ If you purchased DisplayIt!Xpress software from Displays2go or from Best Wave directly, please contact Best Wave at support@bestwave. com or (480)368-8900 ext. 2 □ If you purchased or downloaded another 3 rd party software onto the product, please contact the 3 rd party software company's customer support for assistance.
Cannot upload content	 Content format is not compatible. Content files are too large. Port being used is defective App being used to play content is defective. Android board is defective. 	 □ Confirm content is one of the following compatible formats: AVI, MPEG4, WMV, MKV, flv, MP3, MP4, MOV. □ Confirm file size is less than available space. ❖ If all of the above have been checked and the issue is not resolved, contact a customer service representative.



 Issues using pre- 	Mistake in storing content to	SlideShow App steps Explorer > Select USB >		
installed apps	NAND Flash (shown on pg. 11)	Select Multi > highlight files > Editor > Select		
	App is defective	Copy > Home > NAND > MediaFolder >		
	Android board is defective.	Images> Editor > Paste		
		 Open SlideShow app and select 		
		desired trasitions, slide time and		
		looping > Play		
		MX Player steps > Follow same steps as		
		SlideShow App > MediaFolder > Video >		
		Editor > Paste.		
		 Open MX Player and select video to 		
		play.		
		 Loop video: While the video is 		
		playing, click on the video and there		
		should be 3 dots in the top right		
		corner. Click on the 3 dots > play >		
		check desired Loop option		
		If all of the above have been checked and		
		the issue is not resolved, contact a customer		
		service representative.		
If Keypad doesn't	➤ Batteries need to be replaced	Replace batteries		
work.	> Batteries incorrectly inserted	Check if batteries are inserted correctly		
		Need to replace the keypad locker		
If battery booster doesn't work	> Batteries need to be replaced	Contact customer service representative		
• Locker not charging	> California (formation	Contact customer service for		
Locker not charging	➤ Cable malfunction	replacement cable		

Cleaning and Maintenance

- 1. Avoid strong vibration or impact on the product.
- 2. Keep the product dry to avoid possible damage by moisture.
- 3. Don't place the product under direct sunlight which may shorten the service life of the screen.
- 4. Clean screen and product by using a glass cleaner.
- 5. If the product will not be used for a long time, pull out the power cord to prevent the internal short circuit or other potential dangers.



Names and Contents of Toxic and Hazardous Substances or Elements in the Product

David was use	Toxic and hazardous substances or elements					
Part name	Pb	Hg	Cd	Cr ⁶⁺	PBB	PBDE
Display		0	0	0	0	О
Shell	0	0	0	0	×	×
Circuit board assembly *		0	0	0	0	0
Wires	0	0	0	0	0	0
Metal parts	0	0	0	0	0	0
Packaging materials*	0	0	0	0	0	0
Remote control		0	0	0	0	0
Speaker		0	0	0	0	0
Accessories*	0	0	0	0	0	0

^{* :} Circuit board assembly includes PCB and the electronic elements thereof; Packaging materials include packaging box, styrofoam, etc.;

Other accessories include instruction manual.

0: the content of the toxic and hazardous substances or elements in the part is lower than the limit specified in GB/T 26572-2011 standard.

X: the content of the toxic and hazardous substances or elements in the part is higher than the limit specified in GB/T 26572-2011 standard.

The table shows that the machine contains harmful substances inside. The data is provided by material suppliers and verified by the company according to the material type. Some materials contain harmful substances that can't be replaced in present technology. We are dedicated to improving this.

The EFUP of the product is ten years. The pollution control label is shown on the right.

The EFUP is valid only when the user operates in the normal conditions specified in the manual herein.

Waste Electrical and Electronic Products Recycling and Disposal Regulations

To protect the earth, if you do not need this product or its service life expires, please abide by your local **Waste Electrical and Electronic Products Recycling and Disposal Regulations** or send it to qualified local manufacture for recycling.

This Manual is for reference only and is subject to change without prior notice.

Visit www.displays2go.com for the latest product information and manual updates.