Magic Player Cloud Platform Manual

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1. Stream content to a single display via Cloud Platform

To start, we'll connect the display to the power supply using the power cable provided by the manufacturer. Then, we'll turn on the device and wait for the operating system to boot.

Use the remote control or connect a mouse to the display to operate it and access the necessary applications and settings.

For this process it is crucial that the display is connected to the internet, for this access the route

$\label{eq:configuration} \textsf{Order} Device \ \textsf{Preferences} \to \textsf{Advanced Settings} \to \textsf{Network and Internet} \to \textsf{WiFi}$

Make sure your Wi-Fi is on and connected to a network, or make a wired internet connection.

This tutorial will focus on how to stream content to a display from Magic Player's Cloud Platform, as shown in the following figure.



Figure 1. Magic Player home screen

1.1 Previous steps on the device

Click 3 times in a row on any of the upper corners of the screen marked in red in the image above to open the Magic Player settings menu.



Enter the "System mode" option indicated in the previous figure, here we can adjust the mode in which we want to load content to Magic Player

	Syst	em mode	
System mode		•	Networking 🕨
Networking set			
Server address		http://w	ww.led-cloud.com
Username			
Connection Statu	IS		Unregistered
	Save	Cancel	

Figure 3. Magic Player Menu System mode

In the System Mode menu, make sure to select the "Networking" option. For now, leave the other options as default, as shown in the figure above. Later, we'll add the username to link to the Cloud Platform display.

1.2 Previous steps in Cloud Platform

We access the Cloud Platform website through the following link: https://www.ledcloud.com/



Figure 4. Cloud Platform home page

If you have previously registered you can log in with your credentials, otherwise we will create a new account where we will choose a username to link our profile to the display.

	Register Account	Back to Login
* User Name	4-20 characters, beginning with a letter, cannot contain special character:	
* Password	Must contain uppercase and lowercase letters and numbers	
* Confirm Password	Please re-enter the password	
* Company Name	Please enter the company or team name	
Mobile Number	Please enter the associated mobile number	
* Email	Please fill in the correct Email address	
* Verification Code	Verification Code	
* Get Verification Code	Verification Code Get Captcha	
	IAgree"Terms of Service and Privacy Policy"	
	Register	

Figure 5. Cloud Platform registration page

We proceed to fill in the information requested in Figure 5. It is recommended that you choose a memorable username and an easily accessible email address, as the verification code in the last field will be sent to this email address.

Once we have registered on Cloud Platform, we proceed to log in using our username and password, which will give us access to the Cloud Platform functionalities.

Xiaohui Cloud Platform	Device Program Program	List Source Statistics L	og Settings	유 DavidGuzman Logout Update guidelines
Device Group Management				1
v 🖬 All 1	Device ID, Device Name Q	All V Delete St	et up Group Bind Program List	
BarcelonaLed 1 ····	Screenshot watermark settings	ne-click screenshot Time Correction B	rightness Setting More V Configuration list	
	Width X Height Firmw	are Version Export	(*)	
		Barlas I formation	Partie Insertie	0.4 m
	Device	Device Information	Device dynamics	Options
	Name: MagicPlayer ID: 972S-2C4-00068	Resolution: 1080x1920 Firmware Version: 1.9.73.0	Working Time: 000 2024/12/03 11:16:50 Program List: Test video group: BarcelonaLed	Details Rename Geographic Location More
				Total 1 Item < 1 > 25 Item / Page 🛩

Figure 6. Dashboard Cloud Platform

Initially on the Cloud Platform website we have a free 5GB storage space

රුව	Xiaohui Cloud Platform	Device F	Program Program List	Source Statistics	Log Settings	옷 DavidGuzman
😼 My Infi	ormation Space capacity ()					
e Accou	nt Management					
🔹 Role M	Management					
Space	e Management		Used89.2 MB/5.0 GB		Total capacity 5.0 GB	I want to expand (Under review)
White	listSettings		Note: 1 block = 1024 marks			

Figure 7. Cloud Platform Storage

This space can be expanded to 10GB, 20GB, 50GB or 100GB according to our requirements, however this expansion must be reviewed by the platform administrator and depending on the size of the expansion may have an additional cost.

		Syst	em mode		
Sys	stem mode			Networking	Þ
Netwo	orking set				
Ser	rver address				
Use	ername				
Cor	nnection Statu	s		Connect	ed
		Save	Cance	I	

Figure 8. Username in Magic Player System Mode

1.3 Link device to user on Cloud Platform

Remember that the username with which we registered on Cloud Platform is the one we must use in the System mode menu shown in Figure 7.**This step is of utmost importance**since this is the way in which it will be added to the display to our Cloud Platform user and subsequently load multimedia content

Once we enter the username in Magic Player, the connection status will change to "Connected", we must save the changes and after a few minutes we will be able to see the display in our Cloud Platform profile within the "Device" tab.

Device	ID, Device Name Q	All V Delete	Set up Group Bind Program List	
Screens	shot watermark settings One-click	screenshot Time Correction	Brightness Setting More V Configuration list	
	X Height Firmware Ver	Sion	*	
	Device	Device Information	Device dynamics	Options
	Name: MagicPlayer ID: 972S-2C4-00068	Resolution: 1080x1920 Firmware Version: 1.9.73.0	Working Time: ♣♣ 2024/12/03 11:16:50 Program List: Test video group: BarcelonaLed	Details Rename Geographic Location More
				Total 1 litern < 🚺 > 🛛 25 litern / Page 🗸

Figure 9. Display synchronized on Cloud Platform

1.4 Streaming content from Cloud Platform

After associating one or more displays with our Cloud Platform account, we are ready to create and upload content.

In this tutorial, we'll upload an advertising video. First, upload the desired video or image to Cloud Platform. To do this, go to the "Source" tab and follow the instructions in the following image to upload the multimedia content from your computer.

orm		Device	Program	Program List	Source	Statistics		Settings	
ĺ	All Materials Upload Materials	Video	Image	The document	Audio H5 Q. Search	template Remove From	n Group	Move Group to	Select all De
	1080 x 1920	00:00:20	1080 x 1920	00:00:10 (40002	Upload Materials	ize supports 201 sports 20M,the n if the size is exu o use this platfor Illegal information nt laws and regu	M, the maxin aximum tex ceeded. m to upload n. Once disc lations.	num video size sup t size supports 20N and disseminate vic overed, it will be ha	× ports 4G, the m A, and the uploa plent, terrorist, p ndled strictly in

Figure 10. Uploading content to Cloud Platform

Next, we need to create our program. We go to the "Program" tab and select the type of display our new program will be used for. In this case, the option is "LCD." Here, we can customize our program by giving it a name and associating the display we want to transmit to by default.

Devid							
H5	New Program Add to F						
	Height		٩	Search			
	Program Informatio	n			Program	n updates	
ion:	Type: LCD Resolution: 1060x Duration (s) : 20 Bound program nur Play Control: 000	New Program			-		×
ion 1	Type: LCD Resolution: 1080x Duration (s) : 10 Bound program nur Play Control: not	Program Name: N Type Selection: Number of screen s:	lew Program LCD Single -screen	*		Select Device 🔻	
	Type: LCD Resolution: 1080x Duration (s) : 6 Bound program nur Play Control: not	Resolution:	Customize	Width	1920	Height 1080 Cancel	ок
	Type: LCD Resolution: 1080x19 Duration (s) : 47	20			Creator: Modified	DavidGuzman Time: 2024/12/03 09:37:52	

Figure 11. Create program on Cloud Platform

It is important to take into account the resolution of our screen as well as the resolution of the multimedia content we are going to load since this allows for optimal viewing on the display. For our example, we are using a resolution of 1080x1920 pixels.

After creating our first program, the program editor will start where we can add elements, in this case we will add the video that we previously uploaded to Cloud Platform



Figure 12. Program editor

Once we select the video element, we can adjust the video resolution we're going to use by clicking the option to adapt to the highest resolution in the toolbar or manually adjusting the resolution in the right panel. Next, we click the "Add Video" button in the right panel.



Figure 13. Add video

A wizard will open showing the multimedia files that we have previously uploaded in the "Source" tab and from here we simply have to select the desired file and click OK.



Figure 15. Saving media file

It's important to save the changes once the video has been uploaded to our program by clicking the "save" button in the upper right corner.

Once our program is saved, we can view it in the "Program" tab and we can proceed to send it to our display.

Resolution: Customize Width Height Customize Search Search Program Program Information Program updates Program ID: ES9831 Program Name: New Collection Type: LCD Resolution: Customize Creator: DavidSuzman Modified Time: Creator: DavidSuzman Modified Time: 2024/1203 10:12:11	ordinary Multi-screen Soft Splicin	g H5 New Program Add to Playlist Send	Delete
Program Program Information Program updates Program ID: 659831 Program Name: New Collection Type: LCD Resolution: 1080x1920 Duration (s) : 20 Bound program number: 1 Play Control: not have Creator: DavidGuzman Modified Time: 2024/12/03 10:12:11	Resolution: Customize > Width	Height Search program	Q Search
Program ID: 659831 Program Name: New Collection Bound program number: Play Control: not have	Program	Program Information	Program updates
	Program ID: 659831 Program Name: New Co	Type: LCD Resolution: 1080x1920 Duration (s) : 20 Bound program number: 1 Play Control: not have	Creator: DavidGuzman Modified Time: 2024/12/03 10:12:11

Figure 16. Send program to display

In the send program wizard we will select from the list in the left panel the display to which we want to send our new program, additionally we enable the option "Complete Update" to delete any previous program that exists on the display and load only the one we are about to send, otherwise the new program will simply be added to previous programs existing on the display

Send Program				×
		Complete Update (?)		
Device ID、Device Name	C Selected:1	ID	Program Name	Playing time
▼ 🗖 🧰 All 1	-	659991	TestManual	20Second
 ■ Darcelonated ■ 2	gicPlayer			
		Drag programs to sort		Total Duration: 20Second
				Cancel

Figure 17. Select display to send program

2. Stream content in soft split mode to multiple displays via Cloud Platform

To send content to multiple displays and view it in soft splicing mode, you must select the "Networking" mode in the "System Mode" menu as previously done and as shown in Figure 8.

Additionally, you must enter the advanced options menu of Magic Player and enable the "Multi-machine synchronization" and "Dual screen" options.

Advanced options			
Adaptive rotation	•	Close	►
Multi-machine synchronization	•	Open	►
Interaction	•	Close	►
Resume mode	•	Close	►
Dual screen	•	Open	►
HDMI IN	•	Close	•
	21		

Figure 18. Advanced options in Magic Player

Next, we go to our Cloud Platform profile and enter the "Device" tab. Then, in the left sidebar, we click on the "Soft splicing equipment" option.

ශ්	Xiaohui Cloud Platform	Device Program	Program List Source	e Statistics	Log Settings	
	Device Group Management	t				
Device List	► All 3 BarcelonaLed 0 Ungrouped 3	Device ID, Device Ni Screenshot watermark	All All Keetings One-click screenshot	V Delete	Set up Group Bind Program List Brightness Setting More V	Configuration list
Soft splicing equipment]	Width X Heig	ht Firmware Version	Exp e Information	Device dynamics	
					Working Time: Ad 2004/12/05 00	ΩN - ΩN -

Figure 19. Soft splicing equipment Magic Player

Click on "Splicing Screen." This will launch a configuration wizard where you'll need to name your new split screen and specify the LCD display resolution. In this case, we're using a resolution of 1080x1920 pixels. Finally, you'll need to specify how many rows and columns of the display you'll be using. In our example, we'll use a single row of 3 displays. Click "Next."

Splicing Scre	een Bind Device		Splicing Screen				×	
ID	Name	Matrix	Name:	New splicing screen				Creato
922	New splicing screen	3*1	The Screen Width:	1080	The Screen Height:	1920]	DavidGuzr
			Stitching Column Number:	3	Stitching Line Number:	1		
						Cancel	Next	

Figure 20. Soft splicing equipment configuration

The next step is to assign the distribution of our 3 displays, the wizard gives us the option to make the desired arrangement taking into account the ID of each device



Figure 21. LCD screen arrangement

Once our new split screen is created, we must synchronize it, to do this we click on the "Multi Screen Syn" option, this will open a configuration window where the displays included in our split screen are shown, in this window we must click on "A key set" and wait for the synchronization progress bar to complete

Splicing Screen	Bind Device	Multi Screen Syn	
ID	Name		Matrix
922	New splicing screen		3*1

rNumber	Device Name	Fixed version	Multi -screen sync hronization	Check time	Status	Automatic calibration mode:
1-1	MagicPlayer	1.9.73.0	Has been open	ntp.huidu.cn	?	Automatic network
1-2	MagicPlayer	1.9.73.0	Has been open	ntp.huidu.cn	÷	Version 1.8.0.0 above support splicing,
1-3	MagicPlayer	1.9.73.0	Has been open	ntp.huidu.cn	÷	
5	magicitiayer	1.5.15.5	rias been open	ing.naiad.cli	*	

To continue, we go to the "Program" tab, click on "LCD" in the left panel, select the "Soft splicing" category and click on "New Program"

ŝ	Xiaohui C	Cloud Platform	Devid	ce Program	Program List	Source	Statistics	Log	Settings
🛄 Full color	ordinary	Multi-screen	Soft Splicing H5	New Program	Release Delete				
	Resolution:	Customize Y	Width	Height	Search program	Q Search			
I One for all		ID	Program Name	Single Res	scheme	Duration (s)	Complier		Modified Time
III Single		661572	ChimpsFamily	1080×1920	3x1	8.3	DavidGuzma n	20	24/12/05 10:18:25
color		661523	BirdSnow	1080×1920	3x1	11	DavidGuzma n	20	24/12/05 09:32:28
InsertProgr am		661463	TestProgram	1080x1920	3x1	10	DavidGuzma n	20	24/12/05 09:18:07
Recovery station									

Figure 23. Path to create new program

We must give our new program a name, select the correct resolution, and specify how many rows and columns we want on our split screen.

New SplicingProgr	ram		×
Program Name:	My Program		
Single Width:	1080	Single Height:	1920
Cols:	3	Rows:	1
			Cancel

Figure 24. Configuration window for new program

Clicking "OK" will open the program editor, where you can add the content you want to stream to your split screen. **It is important to note that this configuration only supports splitting images and videos.**

In our example, we're going to add a video to the new program. To do this, we click on the video option and select the video of interest, which must have been previously loaded in the "Source" section. To adjust the video to the maximum resolution included in the sum of the 3 displays, we must click on the expand option indicated in the following figure.



Figure 25. Editing new programs

After finishing editing the program, we proceed to select our new program and click on the "Release" button, then in the pop-up window we must select the split screen we created previously in the left panel, enable the "Complete Update" option and click on "Send"

ordinary	Multi-screen	Soft Splicing H5	New Program	Release Delete		
Resolution:	Customize Y	Width	Height	Search program	Q Se	arch
	ID	Program Name	Single Res olution	scheme	Duration (s)	Complier
	661572	ChimpsFamily	1080×1920	3x1	8.3	DavidGuzma n
	661523	BirdSnow	1080x1920	3x1	11	DavidGuzma n
	661463	TestProgram	1080x1920	3x1	10	DavidGuzma n

🗹 📮 New splicing screen	Complete Update 🕐		
	ID	Program Name	Playing time
	661572	Chimps	8Second
	Drag programs to sort		Total Duration: 8Secon
			Cancel Send

Figure 26. Sending a program to split screen

This way, our program will be sent, and we only have to wait a few minutes for it to be broadcast. We can track this process and verify the program's successful transmission in the "Log" tab.

m	Device	Program	Program List Sou	rce Statistics	Log Settings				😤 DavidGuzman Logout Update gu
Type All	 State 	All V	Export						
ID	Туре	Creator	Created Time	Task State	Event Content			Statistics	Options
3428653	Update Program	DavidGuzman	2024/12/05 10:37:12	Completed	ChimpsFamily	BirdSnow	Empty the Program	3/3/0	Details
3428650	Update Program	DavidGuzman	2024/12/05 10:36:41	Completed	New Program		Empty the Program	3/3/0	Details
3428648	Update Program	DavidGuzman	2024/12/05 10:36:27	Completed	New Program			3/3/0	Details

Figure 27. Monitoring the program transmission

3. LedArt mobile app by Magic Player

3.1 Previous steps on the device

We enter the Magic Player settings and enter "System Mode"



System mode	1	Stand-alone	Þ
Stand-alone setting			
Loading mode	•	Сору	Þ
Play time			
Fill style	4		Þ

Figure 29. System Mode Menu

The "Stand-alone" option must be selected and the other options must be left as default as shown in the figure above.

Then, we go back one step and enter the "Wi-Fi hotspot" option in the Magic Player configuration menu indicated in figure 28

Wi-Fi hotspot Image: Open image:		Wi-Fi	hotspot		
Hotspot name 972S-FF-A7109 Password mode Fixed Password 88888888 Display position Do not show	Wi-Fi hotspot			•	•
Password mode Image: Fixed Password 88888888 Display position Image: Do not show	Hotspot name				
Password 88888888 Display position Cancel	Password mode			•	•
Display position	Password				
Save Cancel	Display position			•	•
Save Cancel					
Garce		Save	Cancel		

Figure 30. Internet access point menu

Within the WiFi hotspot menu we must change the option to "Open" as we see in figure 30. This will allow us to connect later from the mobile taking into account the name and password of the hotspot

3.2 Previous steps on the mobile

Now we need to install the LedArt app on a mobile device to configure the display. To do this, go to the Play Store for Android or the App Store for iOS, as appropriate. You can also access the following link to download the app:<u>https://www.huidu.cn/LedArt_Download.html</u>





Once the App is installed on the mobile, on the home screen we go to the option "Find Device", this will take us to the mobile's WiFi configuration where we must connect to the Hotspot network on the display described in figure 30



Figure 33. Connection to the access point from a mobile device

To connect to the network, we usually use the password "888888888." After establishing the connection, we will see the device in the mobile app.

9725 MagicPlayer 9725-4C4-0078C	2
Equipment status Normal play	Screen 1080 x 1920
Firmware version 1.9.73.0	Capacity 26.57GB / 32.00 GB

Figure 34. Device paired in LedArt

3.3 Sending content from LedArt

The first step to start streaming content from LedArt after establishing the connection is to go to the "Program" tab in the bottom left corner. Here, we can view the linked screens and assign them the program we want to display.

Additionally, we have the option to create a new program to stream custom content.

Écranl LCD 9725 1080*1920	
Nouveau programme1	20s 🗹
$\hat{\mathbf{m}}$ \uparrow \downarrow	New program
Send	
Program Device	ई0ूरे Settings
Figure 35. LedArt Prog	gram Section

0,0 1080,1920



Figure 36. LedArt Program Editing

By selecting the "New Program" option, we access the program editing menu, where we can specify the multimedia content to be displayed on the screen. Additionally, we have the option to schedule a date, time, or itinerary for the program's playback.

When we press the "+" button indicated in figure 36, a list of elements that we can add to our new program is displayed.

Once we have finished editing the program, we will proceed to send it to the display. To do this, we return to the "Programs" section, select the program we wish to transmit from the list, and press "Send."

Then a window will open where we must select the display that we previously linked, if we have multiple displays we can differentiate each one by its serial number or simply give it characteristic names beforehand.



Figure 37. Send programs from LedArt

If everything goes smoothly and the program is successfully transmitted, we will receive a message like the one shown in Figure 38.



Figure 38. Program Submission Confirmation in LedArt