

# MP-260 MANUAL

Version: 1.2

Model: MP-260-B1

2020-7

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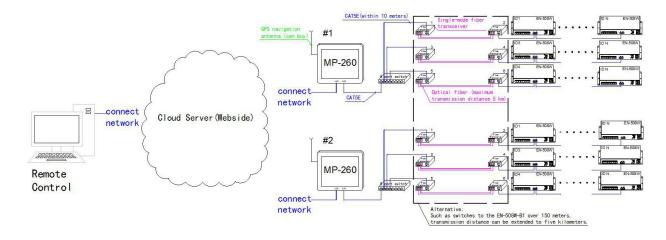
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# **1 FUNCTIONS OVERVIEW**

MP-260 is a built-in 10 inch resistive touch screen industrial computer, pre-installed WINDOWS 7 ultimate, equipped with double Gigabit in the card.

Can be directly through the Ethernet cable output signal to Ethernet controller, and then control the lamps and lanterns.

The machine operation method is the same way as in use of home computers. MP - 260 as the master of LED control system, cooperate EN508, EN408 accused of spreading, cloud point, etc.



# **2 TECHNICAL PARAMETER**

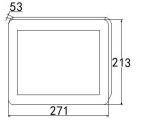
Input voltage	Adapter input voltage AC100V-240V
	Small host work input voltage DC12V
Storage temperature	-20°C~60°C
Store humidity	10%~80%
Operating temperature	-10°C~60°C
Operating humidity	10%~70%
Protection grade	IPO (Dustproof, Waterproof)
System configuration	Please install it in a dry indoor environment.
	Avoid dust, dampness and rain.
Product weight	2.3kg
hardware configuration	CPU J1900, Memory 2G, WIN7, 64G SSD solid state disk
	Professional Lighting Broadcasting Software LEDplayer
	Built-in high precision touch screen, 10 inches

Accessories

(National standard 3 plug the power adapter)  $\times 1$ , Touch pen  $\times 1$ 

Size 271\*213\*53mm

Unit mm



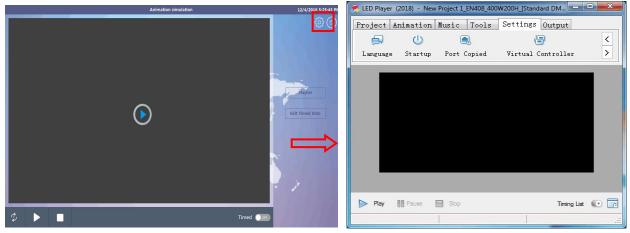
# **3 PORT INSTRUCTIONS**

۲					(3)						•
0	0	0	6		96	36	<u>ן</u>	78	∃。	9	$\bigcirc$
Power switch				HC	DMI	Inter	net	EN	Audic outpu		DC12V input
CO	M1	COI	V12		US	БВ		U	БB	Mic	

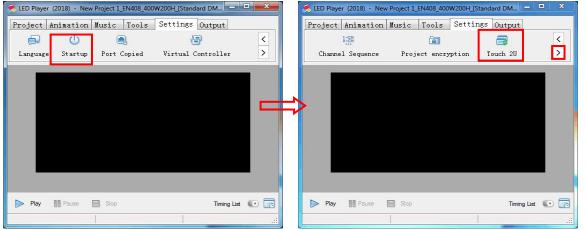
port	Function description
Power switch	Click to start or shut down, Lighting blue if power on.
COM1	N/A.
COM2	External synchronization module can realize synchronous change effect of multiple LED Player.
HDMI	Multimedia Interface, External Computer Display.
USB	Support USB keyboard, mouse and other peripherals.
Internet	Combined with LED PLAYER to achieve cloud control
OUT-EN	External EN508/EN408 and other control
Audio output	combined with LED Player, can achieve simultaneous playing of lighting effect and music.
MIC	combined with LED Player, can realize the sound control mode of LED control system.
DC12V	DC12V input.

# **4 INTERFACE SPECIFICATION**

Open the LED Player player, default Touch 2U interface, and click back to the main interface as follows.



First, click on [Start] in [Settings]to check [Touch 2U Display].



Animation simulation	12/4/2018 5:25:43 PM	lcon	Commentary
	\$¥ (©)	Playlist	Click on Enter to see the current pattern
			effectvoice control/audio control
		Edit Timed Data	Setting specific time for playback effect
<u> </u>	Playlist	ණ	Click to enter the settings interface
	Edit Timed Data	····	(language, brightness, gamma, sensitivity,
			system frame rate, network card settings)
S			Return to main interface
	1	( )	Effect single-loop playback/effect
Timed 💷	31111		multiple-loop playback
		Timed	Start time control function

The touch screen of this small host is a resistance screen. Please pay attention to the operation specifications and avoid touching by mistake

# **5 OPERATION INSTRUCTIONS**

# 5.1 PLAYLIST

Tips:

Click on the [Playlist] of the Point Control Screen to enter the interface to change the playback effect.

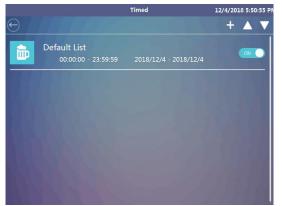


- 1. Click on the [Playlist] to enter the settings interface to change the effect of playback.
- 2. Enter "picture" or "music" effect list, click on any effect can change control effect at will.
- 3. click  $\square$  or  $\square$  to turn to the previous page or the next page.
- 4. After completing the selection effect, click , return to Touch 2U interface.

# **5.2 TIME CONTROL EDITOR**

## 5.2.1 INTRODUCE

Click on the [time-controlled editing] interface and enter the settings interface for specific time to play.



lcon	Commentary
<b>▼</b> /▲	Flip over.
<b>b</b>	Delete the list.
ON O	Start the list that the list effect can be played in a set time.
+	Add a new list.
$\bigcirc$	Return to Touch 2U interface.

#### 5.2.2 TIME-CONTROLLED EDITING

1. Click on the icon 🖸 before the [date] of the [week] to select the corresponding time setting.



2. Click on the icon D and set it in the pop-up window. After setting up (that is, saving data in real time), click the close window directly.

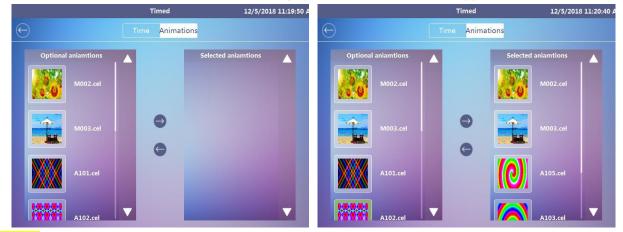
		27	Festival		×						
🕥 Week	🔵 Date	17	N/A	۲							
etition 🜔 Yearly		- tion	New year's Day	0	Non r						
	Monthly Non repea		Valentine's Day	0		1344		Time Ar	imations		
Festival	N// >	Fes	Women's Day	0		me		时间		X	
Begin Date	12/4 >	Beg	Arbor Day	0	5 >	epe.					bea
End Date	12/4. >	Enc	April Fool's Day		5 >		00	: 00	:	00	
Begin Time	00:00:00	Beg	World Health Day		0 >		_	_		_	2
End Time	23:59:59	End	Time	23	:59:59 >		Begin Tim		(	)0:00:00	

3. Click on the [effect ]and enter the interface.

In the [Optional Effects] area, click on the effects that need to be added, such as M002 effect, and click add to the [Selected Effects] area.

If you want to delete, click Remove from Selected Effects.

The software saves data in real time. After setting up, click the icon 🔲 in the upper left corner to exit.



#### Notice:

The playback order of the new list follows the order of time; if the same time period occurs, it is judged that the playback is only from the top of the sequence table, and the others are ignored.

# **5.3 MENU SETTINGS**

Click on the point control screen 🙆 to enter the settings interface; click on 🔄 of the top left corner, that is, return to the main boundary.

By clicking on the corresponding function bar and entering the settings interface of the function, all functions are set up in real time and effective, and don't need to save.



#### 5.3.1 BRIGHTNESS

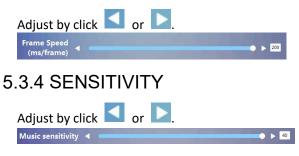
Adjust by click or **D**. 0 is the darkest and 100 is the brightest.

17		Brightness			
R	<		•		100
G	4		•		100
В	<		•	►	100
All			•		100

#### 5.3.2 GAMMA

Adj	ust	by	, click		or	D	>
			GAM	AN			
R	4	•			-	►	1.0
G	4	•				►	1.0
в		•				►	1.0
All		•					1.0

#### 5.3.3 FRAME



#### 5.3.5 NIC SETTING

Select the appropriate network card, click to set up valid. (Note: N/A means no network card is selected.)

N/A	
Microsoft (0.0.0.0)	
Microsoft (0.0.0.0)	
Realtek Ethernet Controller (2.0.0.98)	

# **6 VOICE CONTROL AND AUDIO CONTROL**

At the same time, it has voice control function and audio control function (the setting of spectrum/motion sound control is the same, and can only be used in one of two choices).

Choose the "voice control" / "audio control" control type by clicking on the "control type". The effect of voice control or voice control is the same.

The effect of audio control or voice control is the same (.yel/.yin (spectrum) or emel, smel, bmel, cmel) format. The number of effects of both can be modified according to customers'own needs.

	Effect	Explain
spectrum	High and low jump	According to the length of the output effect of the high and low volume of the sound source, the length of the low volume output is short, and the length of the high volume output is long.
Dynamic	Draw frames	According to the volume of the source, Lower volume extraction front, higher volume extraction back.Suggestions for effect: from small to large diffusion / from large to small contraction / up and down jump / left and right jump. (Such as, the whole process of fireworks explosion from small to large.)
	Frame skip	According to the volume of each sound source before and after the change of 0.5 to 5 times (if the volume difference of the whole song is small, then the change is not obvious),The effect of the suggestion: similar to the windmill effect is recommended to connect the beginning and the end to make coherence.
	brightness	According to the light and shade of the output effect depending on the volume of the source it is black when there is no volume output.

## **6.1 VOICE CONTROL MODE**

## 6.1.1 EXTERNAL EQUIPMENT (LINE INPUT)

Connect the small host with the audio line of the external audio equipment correctly, and the small host will output the corresponding effect according to the input volume.

A computer playing music

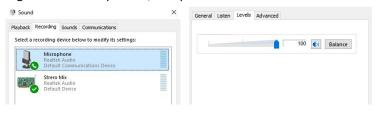
Open LEDPlayer Controller Lamp



- Tips: External audio devices (such as: MP3, CL, computer, mobile phone, multimedia console and tuner, etc, are prohibited from connecting power amplifiers.)
- 1. Connect the line, then turn on "Microphone". Right-click the computer to set the volume icon and click on "Recording Equipment"

Playback devices	ding device below to modify its settings:	Select a recording device below to modi	
	Microphone	Microphone	ly its settings:
	Realtek Audio Default Communications Device	Realtek Audio Default Communications D	evice
Sounds	Strero Mix Realtek Audio Default Device	Strero Mix Realtek Audio Default Device	
Volume control options			

2. Set the volume. It is recommended to set it to the maximum. 3. Uncheck "Listen for this device" A Missachana Dea Right-click "Microphone", "Properties" and "Level".



General	Listen	Levels	Advanced			
circiui		Leves	Havancea			
	crophor		able music playe If you connect a i			
				-		
				9		
			4 ⇒	0	l	
List	en to thi	is device	왕 =>	9		
-		is device gh this c		9		
Playba	ck throu		device:	9	~	
Playba Defau	ck throu	gh this o ack Devic	device:	2	~	
Playba Defau Powe	ck throu It Playba er Manag	gh this o ack Devic gement	device:	power	~	

4. Open the player, and set Microphone.

lusic	Tools	Settings	Output				
8		4		53	Ô	53	<
ual Com	ntroller	Cloud Se	erver	Setup	Param	Advanced	>
	Params S	Setting					×
	Playin	g Display Settin	g Externa	l Setting	Music	Ethernet Setting	• •
	Musi	ic Input Port Setti	ng				
		Port	N/A			~	
		Audio Type	Dynamic		~		
		Audio Input		ne (Realte	ek Audio)	~	
		Notice: Please	Micropho				

## 6.1.2 COMPUTER PLAYS MUSIC BY ITSELF

Open any audio player on the small host (such as Groove music player, etc.) and play the audio. The small host will output the corresponding effect according to the volume input.

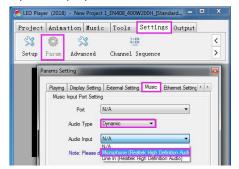
1. Enable stereo mixing: right-click the computer to set the volume icon and click on the "recording device";

	💓 Sound	× 🦻 Sound	
Open Volume Mixer	Playback Recording Sounds Communications	Playback Recording Sounds Communication Select a recording device below to modify it	
Playback devices	Select a recording device below to modify its settings:  Microphone Realtek Audio	Microphone Realtek Audio	s seconds.
Recording devices	Realite Communications Device	Default Communications Device	e
Sounds	Realtek Audio Default Device	Realtek Audio Default Device	
Volume control options			
12/3/2018		Show Disabled D	)evices
		Show Disconnec	ted Devices

2. Set the volume. It is recommended to set it to the maximum. 3. Uncheck "Listen for this device" Right-click "Strero Mix", "Properties" and "Level".

back Recording Sounds Communications		General	Listen	Levels	Advanced		
ect a recording device below to modify its setting	gs:						
Microphone Realitek Audio Default Communications Device		-				100	Balance
Strero Mix Realtek Audio Default Device							

4. Open the player and select "Stereo Mix" for sound input.





#### 6.1.3 LEDPLAYER PLAYS MUSIC BY ITSELF

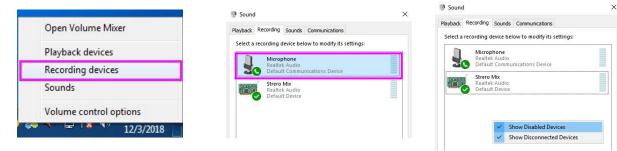
Open the [animation] -playback] in the LED Player, click [more] - [select music] in the list, the sound control effect will follow the corresponding effect of music playback display after the selection of music.

E Capture	<b>F</b> Multi-screen	💽 Iest	The second secon	😡 Custom	😡 Custon 2	🛃 flash	Inner >	E	CS & & & > >> E + = = = = = = = = = = = = = = = = = =		More More	Advanced Music	G:\KuGou\MUSIC\10cc - I'm Not In Lov Not playing music Select Reset
									Spetra Rilleri			Frame Count Static volume (Unit : %) Static Mode Playback control Stroboscopic s	400 Comment Free V
									Enable advanced color modulation	lay Coloring panel 🕕		Enable	
									Brightness	Gamma		Color	
									Red	Red 🔋		Interval	1 💠 ~ 1 🜩 😮
									Gree V	Gree		Frames	1 🛊 ~ 1 🛊 😮
Play	🚺 Pause 📃 St	top				Tim	ning List 🕡 🚺	3	Bue	Blue		Static volume	
Frame Speed: 3	0.30 fps (33ms)								Al	Al 📕			

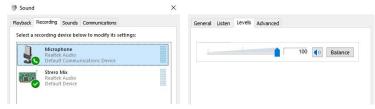
#### **6.2 VOICE CONTROL**

Connect the small host with the microphone correctly and output the corresponding effect according to the input volume.

- 1. Connect microphone equipment to computer
- 2. Enable "Microphone", right-click the computer to set the volume icon, and click "Recording Equipment"

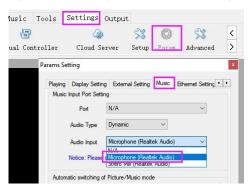


3. Set the volume. It is recommended to set it to the maximum. 4. Uncheck "Listen for this device" Right-click "Microphone", "Properties" and "Level".





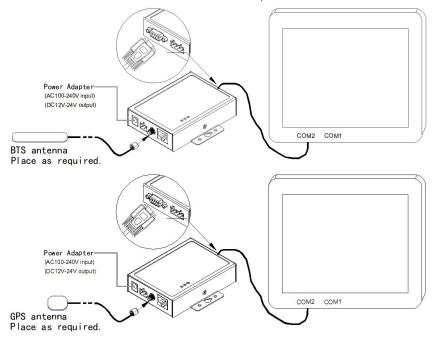
5. Open the LED Player and select "Microphone" for Source Input



# **7 SYNCHRONIZATION**

#### **7.1 SYNCHRONOUS MODULE CONNECTION**

Our company is equipped with synchronous line length of 3 meters, customers can purchase antenna according to the requirements of the project site environment. The longer the line is, the more difficult it is to search for stars. Connect the module with the controller and place the antenna outdoors according to the following requirements.



GSM(2G) signal antenna.

A) As far as possible, BTS antenna should be placed high and close to outdoor open space.

B) Be as close as possible to the sameCDMA communication base stations.C) Applicable to China only.

# Standard SMA interface GPS navigation antenna.

 A) GPS antenna shall be installed at a pitch Angle of 30 degrees without large shielding objects.

B) It is Installed close to the equator.C) Should not be installed near other transmitting and receiving devices.

#### 7.2 LED PLAYER SETTINGS

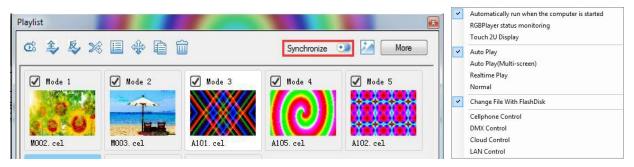
Manually start up and set up synchronization + the same playing speed for several small hosts, and collect satellite signals through external function boxes. When the satellite signals reach more than four stars, that is to say it realize synchronization work for several small hosts

Our company has set up corresponding ports before shipment. Please don't change them at will to avoid mistakes. When inserting and unplugging the GPS antenna, please turn off all the hardware before operating, so as to avoid burning the synchronization module.



Click on [Play] to open synchronization function under playlist.

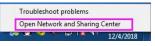
Click [settings] under [start], select "Automatically run when Windows is started" and "Auto Play".



# **8 REMOTE COMPUTER SETTINGS**

## 8.1 SET UP REMOTE COMPUTER IP

1. Click 📰 and enter network and sharing center.



2. Click on the network card that is not connected to the network.



3. In the pop-up "status" dialog window, click on [properties]

Under the "Properties" dialog window that pops up, double-click[[Internet Protocol Version 4 (TCP/IPV4].

Connection		Connect using:
IPv4 Connectivity:	Internet	Intel(R) I211 Gigabit Network Connection #2
IPv6 Connectivity:	No Internet access	
Media State:	Enabled	Configure
Duration:	01:59:17	This connection uses the following items:
Speed: Details	100.0 Mbps	♥     Clerk for Microsoft Networks       ♥     Qo S Packet Scheduler       ♥     Pile and Printer Sharing for Microsoft Networks       ♥
Sent —	– Neceived	
Bytes: 1,862,4	58 8,864,283	Description Uninstall Properties
Properties Disable	Diagnose	Allows your computer to access resources on a Microsoft network.

4. Set the IP address of the network card as shown below and click [OK.]

eneral		
You can get IP settings assigned this capability. Otherwise, you n		
for the appropriate IP settings.	eed to ask your network admi	inistrator
Obtain an IP address auton Use the following IP address		
IP address:	2.0.0.10	.0
Subnet mask:	255.0.0.0	• O Use the
Default gateway:	2.0.0.1	1
C alui aus II	10.00	IP address
Obtain DNS server address		Subnet ma
Use the following DNS server	er addresses:	Subriet ma
Preferred DNS server:	n 20. a	Default gat
Alternate DNS server:	6 10 A	Delaultiga

IP address:	2	2.9	0		0		10
IF dudi CSS.	2	•	0	•••	0	•	10
Subnet mask:	255	•	0		0		0
				-	45		- 2424
Default gateway:	2	•	0		0		1

# **8.2 REMOTE CONNECTION**

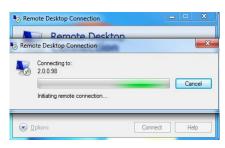
1. Click on the solution of the bottom left corner of the desktop to start, enter[ENTER] on the keypad after[Remote Desktop] in the box, and select the option of [Remote Desktop Connection].

Enter the IP address of MP260 (2.0.0.98) in the pop-up window of [Remote Desktop Connection]

Programs (1)	Nemote Desktop Connection
Nemote Desktop Connection	Remote Desktop
Control Panel (5)	Connection
🐻 RemoteApp and Desktop Connections	
🕎 Select users who can use remote desktop	
🐻 Set up a new connection with RemoteApp and Desktop Conne	Compute 2.0.0.98
	User name: None specified
₽ See more results	You will be asked for credentials when you connect.
remote desktop × Shut down +	© Options Connect Help

In the pop-up "Windows Security" window, (MP260 is not used in secret ), click [ENTER] go straight to the next step

2. After waiting for a period of time, click on the [YES] of the pop-up inquiry box and you can successfully enter the remote in a few moments.



- 3. When entering the remote, prompt the "incorrect username or password" information, and click [OK] directly to skip.
- 4. Click on [Admin] in the Welcome Interface and [Admin] in the Welcome Interface In the "Enter Password Window" that jumps out, click the icon directly, and you can enter the desktop of MP260 remotely.

