

Controller specification and basic parameters

I. Controller Appearance

MR-318DW Front view :



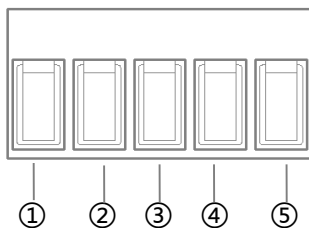
MR-318DW Rear view :




- ① power switch ② Button control panel ③ LCD display screen
- ④ power / communication indicator lamp ⑤ work indicator lamp ⑥ SD Slot
- ⑦⑧ self-adapting network interface ⑨ signal output port ⑩ power interface

II. Output port definition


MR-318DW controller uses 8pcs 5pin terminal interface output signals. 5Pin Terminals Sort sequentially from left to right , as shown below :




	①	②	③	④	⑤
DMX Signal	Ground	Data+	Data-	Addressing -	Addressing +
	GND	A	B	ADRI/PO-	ADRI/PO+

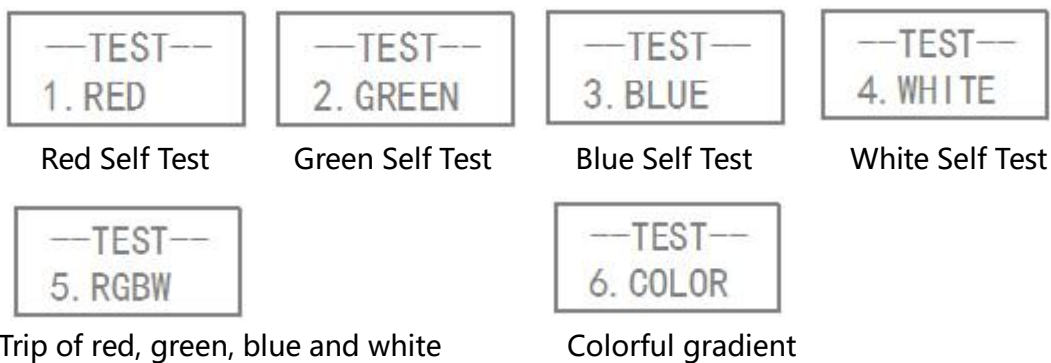
7、 Press  again can clear the fixed ID number interface of sub-controller , as shown below :



In the interface can press  it can clear all the sub-controller ID numbers connected to the master controller.

III. MR-3 8DW Self Test Setting



In MR-328DW main interface, press  to enter self test playing interface , as shown below :

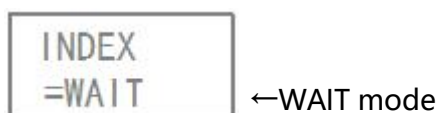


Note: during self test, press  to shift various self test modes.

IV. Methods for setting up WAIT play mode

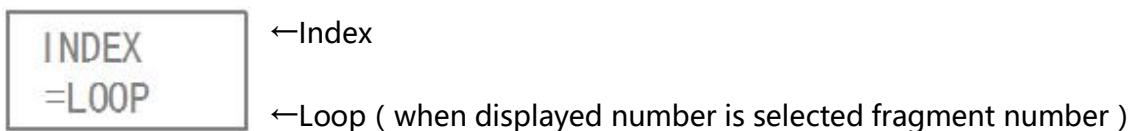
MR-318DW after power up can enter the multi segment loop playing or a single segment playing. But requires MR-318DW not play any segment after power up , select a segment to play by remote control. Such playback mode is WAIT mode.

MR-328DW after power up , Press the "Menu" button to enter the segment selection interface , repeatedly press  or  key until Select INDEX=WAIT , as shown below :



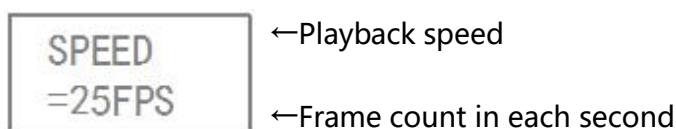
V. Controller Key Setting Parameter

1、 In MR-328DW main interface , press **MU** to enter fragment selection setting interface. , as shown below :



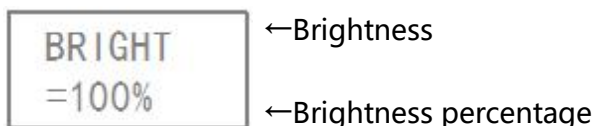
In the interface can press **↑** **↓** conduct program numbers and adjusting loop mode , press **OK** to save and exit setting.

2、 Press **MU** again to enter playback speed selection interface , as shown below :



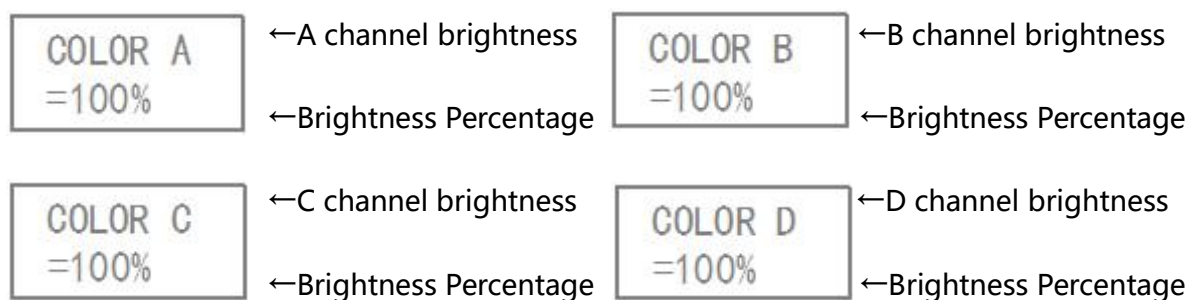
In the interface, press **↑** **↓** to set playback speed , press **OK** to save and exit setting.

3、 Press **MU** again to enter date and time setting interface , as shown below:




In the interface, press **↑** **↓** to set brightness , press **OK** to save and exit setting.


4、 Press **MU** again can enter A、 B、 C、 D Channel brightness adjustment settings interface , as shown below :



In the interface, press **↑** **↓** to set brightness , press **OK** to save and exit setting.


5、 Press  again can clear sub-control fixed ID number interface, as shown below :



In the interface, press  can clear the fixed ID number interface of sub-controller.


V、 Remote control operation during playing

1、 Turn off master controller playing

Press  button can Switchable master controller playing when MR-328DW is playing.

LCD screen display "NO PLAY" , Lamp turns black.



2、 Pause the master controller playing

In the MR-328DW player interface, press  button can pause the master controller playing , LCD screen display "PAUSE" , the lamp colors to stay in that frame before stopping playback color.

3、 Adjust program segment

when playing a segment , by pressing a button   or Remote control   Numeric keys to adjust the playback of fragment.

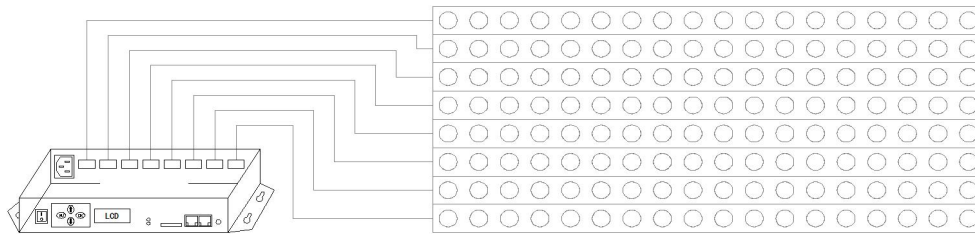
4、 Check master controller current time

In the MR-328DW player interface, press  Can display the current master controller time on the LCD screen. Continue to press  then can return to play interface.

Controller installation and Application

I、 Offline Mode

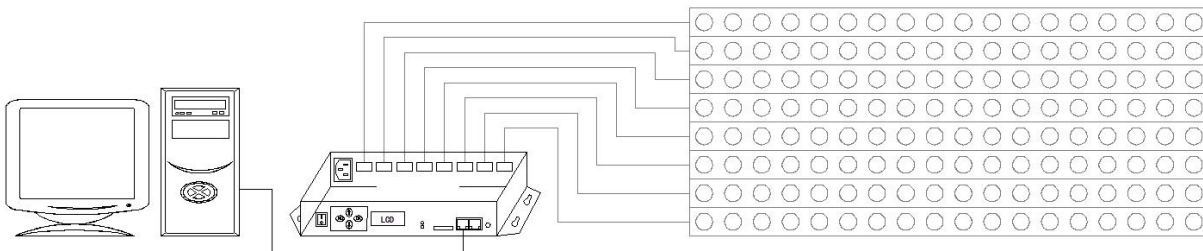
Offline mode directly load with lamps , as shown below :



MR-328DW

II、 Online/Offline Integrated model

Connected to the computer (Online signal priority. Automatic switching off line signal without online signal), as shown below :



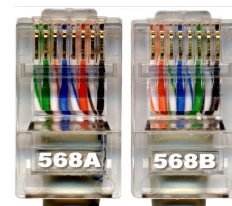
Computer (optional) MR-328DW

Attention matters

I、 Cat.5e twisted pair Application Notes

568B : orange-white/orange/green-white/ blue/blue-white/green/brown-white/brown

568A : green-white/green/orange-white/blue/blue-white/orange/brown-white/brown



Controller and offline master controller and switch these three devices between each other using a crossover cable is better , One head is 568B, the other head is 568A. Above any equipment and computer room with a straight line , that is both 568B or 568A , Do not define the order of the straight line.

II、 MR-328DW Controller SD Card Application Notes

MR-328DW SD memory card is used on the controller , need to use the FAT32 file system to format and then to store the corresponding offline files.

III、 Wire and connecting method from lights to controller

1. Controller output port to the lamp if the distance is too far , Recommended for the use of 485 dedicated lines or Cat.5e kind shielded cable connection , the best connection way is :

Orange-A ; Orange white-B ; Green-addressing+ (ADRI/PO+) ; Green white-addressing- (ADRI/PO-) ; Other connect to GND (Ground)

2. At the end of each road signal that is between A and B to add a 120R terminal resistance.

3. Do not connect the two wires that are intertwined to receive the signal, such as orange and orange white connect to A+or B- at same time.

IV、 Controller connect to ground application notes

MR-328DW Controller using metal case , rated supply voltage is AC100V-240V , Therefore, it is necessary to ensure the effective grounding of the controller equipment and the effective grounding of the metal outer box.

And the output port of the controller is exposed to the metal contact surface , therefore, according to the requirements of safety regulations , to ensure safe use of the operator , signal output port GND signal must be effectively grounded.