

XB-Z1 Offline master control



一、Offline playback system features

Salient features:

1. Configurable BTS synchronization function, integrated offline playback function, easy to use and reliable.
2. Can realize any timing, multi-level encryption function.

General features:

- 1、 The playback content is stored in the SD card. The SD card can store up to 32 effect files. The SD card capacity supports 4G-32GB. It supports single-effect playback, effect loop playback, and the effect playback speed up and down.
- 2、 The controller adopts the standard TCP/IP network protocol, and the signal transmission is more stable.
- 3、 It can be used with our T-700K for offline use, support up to 100,000 pixels or 50 T-700K controllers.
- 4、 The main control and the main control can be cascaded, and the cascading distance is 100M
- 5、 Support timing(holidays) playback.
- 6、 Support a variety of encryption methods.
- 7、 The IC controller for DMX lights comes with a write address function; in addition, with our LedEdit-K V4.6 or higher software, you can perform one-click address writing function setting, long press SET to realize it.

Remarks: 1. The 50,000-point speed of the offline main control lamp can reach 22 frames/second, and the speed of 100,000 points can reach 15 frames/second. (The above parameters take the 1903 protocol IC data as an example. Different ICs will exist. difference).

2. The offline version of the regular version has no BTS base station synchronization function. Please request

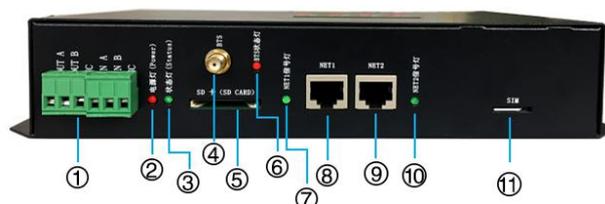
the salesman if you need this.

二、Support controller

T-700K

三. Product diagram

脱机主控正面图



脱机主控反面图



1、Cascade terminal	2、Power indicator	3、Status indicator	4、BTS antenna	5、SD card slot
6、BTS signal indicator	7、Network port indicator 1	8、Network port 1	9、Network Port 2	10、Network port indicator 2
11、SIM card slot	12、Power interface	13、Switch		

1. Button meaning:

BUTTON	MEANING	
SET	Save the present status	Press SPEED+ and SPEED- at the same time to enter the file loop playback mode. At this time, an * will appear after the program, indicating that the file loop mode has been entered.
MODE	Switch file	
SPEED+	Speed up	
SPEED-	Speed down	

2. Port definition

Power supply	AC110-240V input	IN A	GPS sync signal A/cascading signal input A
POWER	Power indicator	IN B	GPS sync signal B/cascading signal input B

SYNC	Status indicator	OUT A	Cascading signal output A
NET1	Cascading signal input	OUT B	Cascading signal output B
NET2	Cascading signal output	BTS signal light	BTS signal light

3. Speed grade corresponding to frame rate:

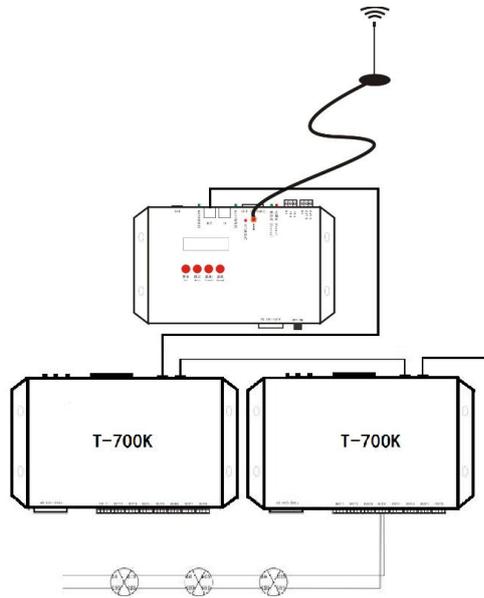
Speed grade	Frame/Second	Speed grade	Frame/Second
1	4 frame	9	14 frame
2	5 frame	10	16 frame
3	6 frame	11	18 frame
4	7 frame	12	20 frame
5	8 frame	13	23 frame
6	9 frame	14	25 frame
7	10 frame	15	27 frame
8	12 frame	16	30 frame

3. XB-Z1 Display vocabulary summary

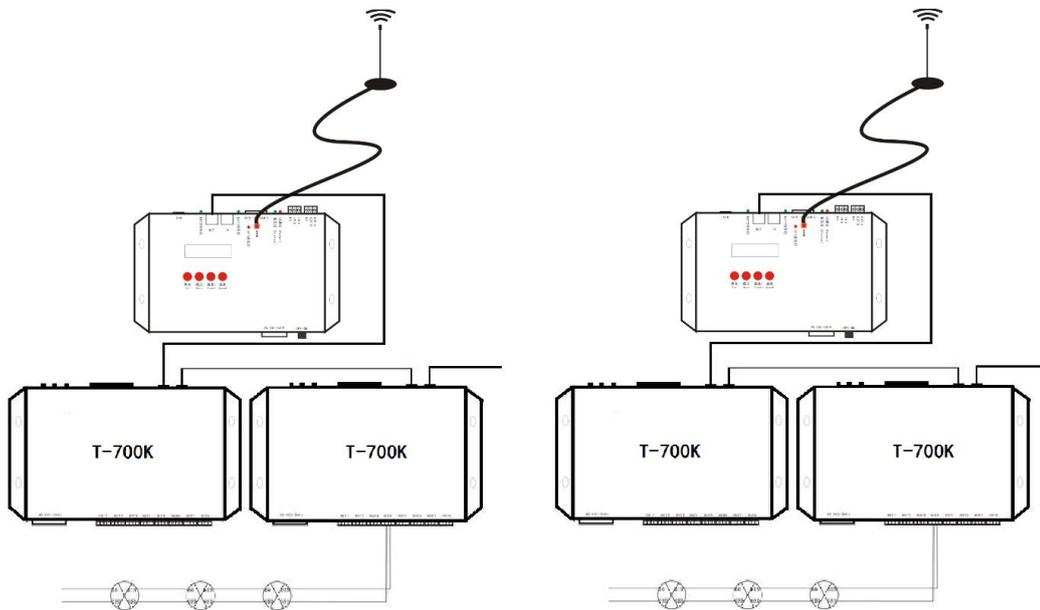
Display vocabulary	Meaning	Display vocabulary	Meaning
BTS turn OFF!	BTS mode OFF	Has expired!	Has expired
BTS turn ON!	BTS mode ON	Controller Err!	Controller does not match (replace the encrypted offline master with an unencrypted offline master)
Please restart	Restart	Pwd not match!	Password not match
Set Slave ID...	Set the s control ID number	No Password!	No password
Writing address	Writing the address	Pwd not right!	Password not correct
Writing finish!	Writing finished	Clear Pwd OK!	Clear password successfully
No SD Card	No SD card	Num	Encryption times
		Set Password OK	Set password successfully
Password is OK!	Password correct	Can't repeated!	Cannot repeat encryption
Password exist!	Password exist	Contact factory!	Pls contact the factory

三、Wiring diagram

1、Single master control



2、 Synchronous control of multiple master BTS base stations

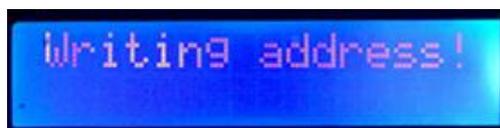


四、 Function instruction

1、 One-click address writing

After booting, press and hold the “Save” button for ten seconds. “Writing address!” appears on the screen to start writing. When the “Writing finish!” appears on the screen, the controller has already written the address. Please check the address of the lights.

Writing address:



Address writing finished:



2、 Set BTS mode (Need to control the configuration BTS function)

Press and hold the “Save” “Mode”, “Speed+” and “Speed-” buttons at the same time and power on. The screen will display “BTS turn OFF!” or “BTS turn ON!” and press “Speed +” and “Speed -” To switch the BTS on state;



or



After the switch is completed, press the “Save” button to set the current state and restart the controller to take effect;



In playback mode, the display shows the “I-BTS” logo.

3、 Set time

- ① Power on the controller while holding down the “Mode” button;
- ② Press the “Mode” button to move the cursor. Press “Speed +” and “Speed -” to adjust the number. When the time is set, press the “Save” button to save the current settings.

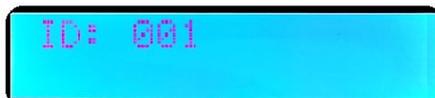


4、 T-700K (master control) number

- ①. The main control presses the "Save" button to power on, enters the main control number mode, and displays the following picture. **Set Slave ID...**



- ②. The main control display enters the numbering page. The “Speed+” button and the “Speed—” button adjust the number of the starting sub-control, as shown below:



- ③. After completing the number setting, press the "Save" button to start the numbering.



- ④. The controller number is the first step to count the number of sub-controls. The display

is Write OK: 003 (take 3 sub-control numbers as an example):



⑤. Numbering finished, the main control display: as below picture Write Num: 003 nu,bering quantity 3 sets;

Last ID: 003 the last numbering is No.3;



T-700K sub-control as below:



First set A-01 Second set A-02 Third set A-03

⑥. The master reboots and restarts, returning to normal mode.

Note 1: When the controller is numbered, the level networking ports must be connected in strict accordance with the controller silkscreen prompt (IN/OUT) order; the maximum number of numbers is 50.

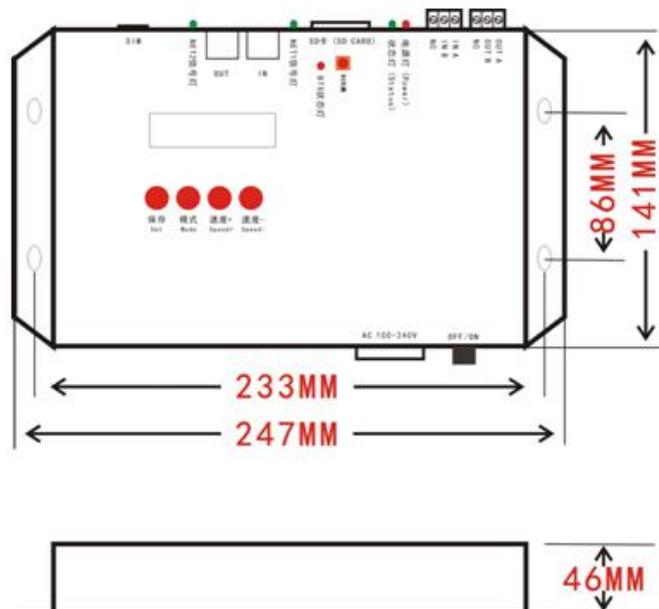
五、 Specific parameter

Memory card:

Type: SDHC card
capacity: 4GB-32GB
Format: FAT32
Stored files: *.BIN

Physical parameter:

Operating temperature: -30°C—85°C
Working power: AC110-240V
Power: 5W
Weight: 1.2Kg
Data transmission interface: network port
Dimension: L247mm *W141mm*H46mm



六、 Remarks:

1. Before copying the file to the SD card, you must first format the SD card. Note that it must be formatted before each copy.
2. The SD card must be formatted in "FAT32" format and the allocation unit size selected as the default configuration size. .
3. The SD card on the controller cannot be hot swapped. That is, each time the SD card is inserted or removed, the controller must be powered off first.



4. Controller and controller, controller and master, controller and computer, between each two nodes using more than five types of specifications network cable can be cascading up to 100 meters, beyond this distance can increase the switch or fiber for long distance transmission.

Network cable crimping method is 568B straight through

