Manuals+ — User Manuals Simplified.

SSG SW602 Integrated Machine Controller Instruction Manual

SSG SW602 Integrated Machine Controller

Instruction Manual

Beijing Soft Stone Optoelectronic Technology Co. , Ltd

**SS-SW602 Integrated Machine Controller
Instruction Manual**

Contents

An overview of product features:

A simple all-in-one machine, touch screen operation, powerful, can play the ssv generated offline file function, wireless synchronous play function lamp debugging addressing, simple operation, easy to use, to meet the needs of customers and debugging personnel in a variety of application scenarios.

Chapter 1: Offline file description:

1. Play instructions: Put the SSV file made into TF card and insert it into SW602, the controller will play it automatically. When the controller recognizes the storage device, a sign will appear in the upper right corner of the playback interface. All the recognized programs will be displayed in the "Playlist" and played in the order of the list.

Address: Building 65, No. 17, Jingsheng South 4th Street, Zhongguancun Science and Technology Park, Tongzhou District, Beijing, China
Postcode: 101102
Tel.: 010-56370005

Chapter 2:Product appearance and parameter description:

1 Appearance of controller:

SS-SW602 controller front view:
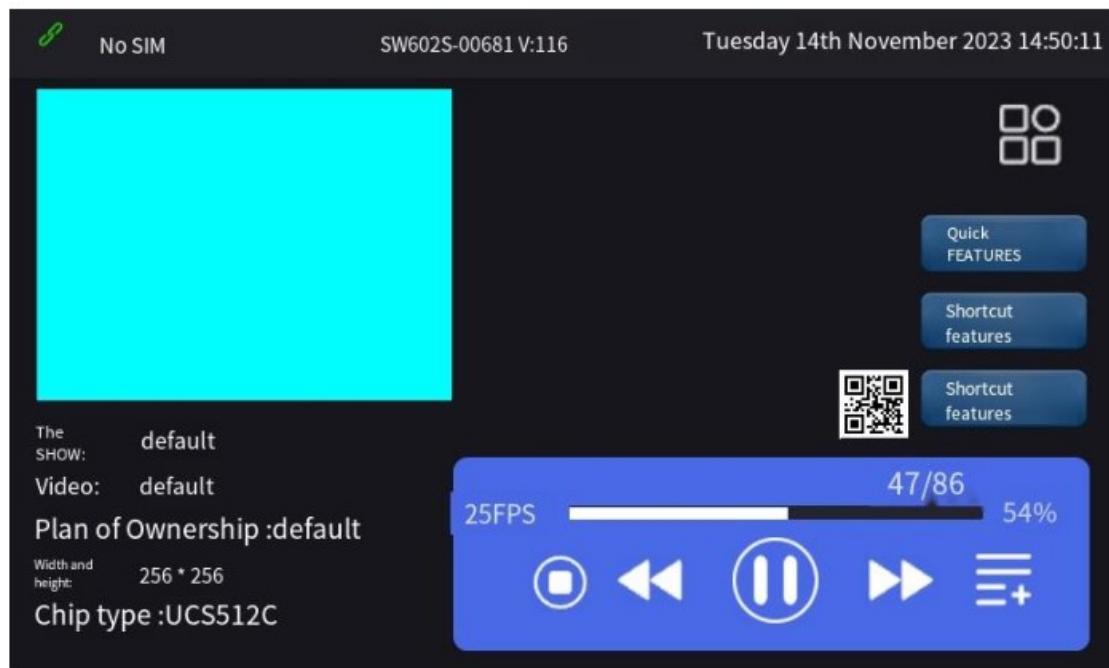

Side view of SS-SW602 controller:

2. Basic parameter table of controller:

Input voltage	DC5.5 V ~ 24 V
Rated power	3.5 W
Length	155.2 mm
Width	93mm
Height	32mm

Chapter 3:Basic function description:

1. The main page interface is as follows:

At the top of the interface is the network signal, controller ID number and the date, time and device software version display

⊞ Set and apply the controller icon, tap it will enter the application interface.

⊞ Click it will pop up Settings — Screen Test — console three options.

Console: Integrates the functions of DMX512 console in the controller, which is convenient for practical application.

Screen test: mainly test color, address, etc., which can provide debugging convenience to the maximum extent in practical applications.

The bottom of the interface is about the current playback scene setting interface.

2. Setting: involving brightness, speed, addressing, play plan, etc., focus on it, click the setting as follows:
⊞

Brightness setting	100%	DMX512 chip setup	
Speed Settings	25FPS	DMX512 addressing	
Sub-control selection	990	DMX02 chip setup	
Sync Settings	⬜	Control parameter Settings	
ID Controller ID	1	Separate control address Settings	
Program management		On-line branch control inquiry	

● ○ ○

Play plan	Strong current control	
BDW512 addressing write parameters	Calendar time	
Wiring Settings	Node mode	Disabled
The GH IP address setting	485 module setup	
LAN control	Enable	Screen lock Settings
Offline playback	Enable	Timing mode	Server

○ ● ○

Network speed	100 megabit	Hotspot Settings	
Cleaning up redundancy	257.4M/3.1G	Version upgrade	
Language	Chinese/English	Socket	66
arp	enable	Four-color mode	Disabled
About			

○ ○ ●

There are three screens inside the Settings that can be switched by sliding left and right.

Brightness setting: You can set the brightness of the lamp.

Speed setting: You can change the playback speed.

Sync setting: After enabled, multiple devices can be played simultaneously

Controller ID: You can set the controller ID manually.

Program management: you can add and delete programs, add, delete, modify and check the videos in the program, and set the video timing.

DMX512 chip Settings: Set some DMX512 chip self-test effect, current gain, self-channel number and other parameters.

DMX512 addressing: To DMX512 luminaire addressing.

DMX02 chip Settings: Set the parameters of the DMX02 chip.

Control parameter Settings: Controller parameters can be set or read.

Play plan: you can add and delete plans, modify programs in the plan and set planned timing.

BDW512 address write parameter: set for BDW512 chip.

Wiring Settings: Import the wiring, or update the wiring.

IP Address setting: Set the IP for the controller to access the Internet (you can access the Internet through a network port).

LAN control: Interface with other devices and systems.

Offline playback: Insert U disk or SD card to play offline files generated by the company's software.

Calendar time: Set the date and time of the controller.

Download address: APP Download index.

Screen lock Settings: The screen lock function can set the duration + numeric password, and can also be canceled to prevent miscontact.

Timing mode: Corrects system time by server,GPS, and GPS-V in different ways.

Hot spot setting: need to insert hot spot module, connect SS-SW602 hot spot WiFi with mobile phone.

Node mode: Our main control as a node to access the centralized control platform, receive the issued instructions (such as: down the program, wiring, play scene, etc.) to automatically operate, the centralized control platform real-time feedback sends heartbeat packets, check the status. (See the platform control protocol for detailed instructions)

About: Controller related information.

Language: English and Chinese can be switched at will.

Version upgrade:

1. You can upgrade any previously uploaded version in the Settings.
2. Insert the USB flash drive, pop up all the upgrade packages in the USB flash drive, you can choose to upgrade.

Clean up the redundancy: clean up all the playback files outside the program.

Socket: can be used to flexibly control output in different network states. The default value is 66. Set this parameter with caution

Arp: obtains the mac address and is used when the number of controllers is large.

Synchronization principle: The slave computer updates the system time in real time according to the synchronization frame received from the host, so as to ensure that the system time of all master devices in the same project is completely consistent. When the total number of SSV files played in the master is the same, at any point in time the master will play the corresponding frame at the same time to achieve synchronous playback screen synchronization.

In synchronous mode, the pause and play of the previous and next one at the bottom of the main interface cannot be operated to ensure synchronous playback. (SW602S with sync function, SW602 without sync function)

Introduce in detail, the relationship between video, program, play plan, and how to convert video to play file.

1. Click the "program management" of the setting interface to enter the following interface:
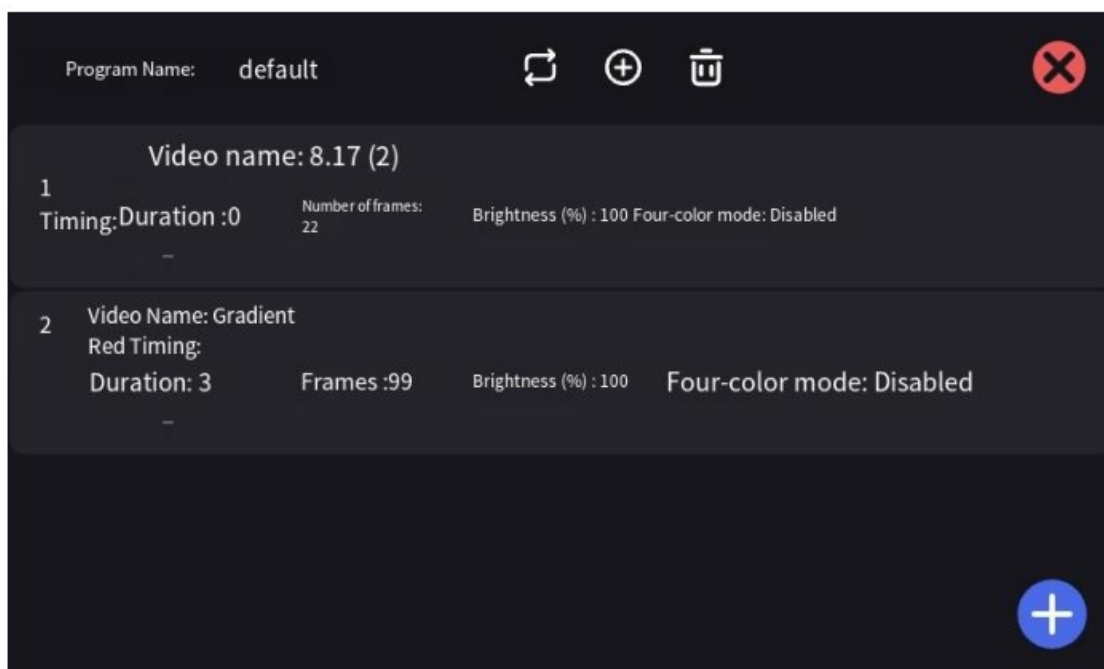
Controller factory prefabricated a program, program name is the default. It can be operated by the icon on the back

Trash can icon: represents the deletion of this program segment

Plus sign: Adds a new program segment

Double arrow: shows all programs, you can select the corresponding program to modify the Settings

There is a video file below the program clip, click on the video file, and a yellow box will appear in the lower right corner. Inside the yellow box
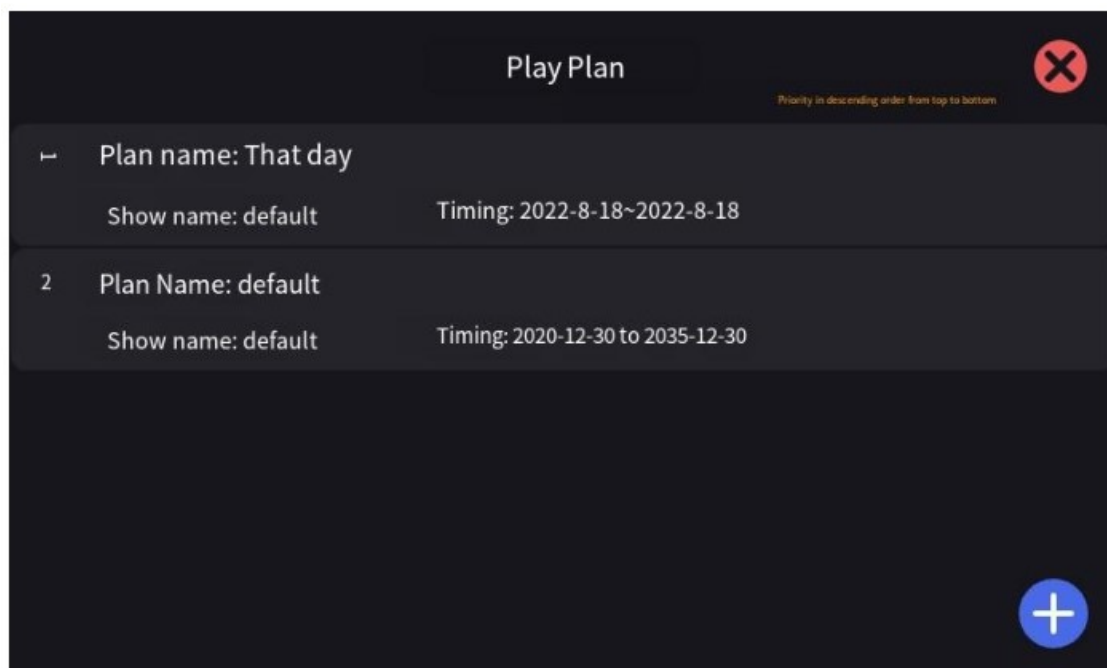
Alarm: Set the video's timing feature

Light bulb: Brightness adjustment

Up and down arrows: Change the order of this video file in this program segment

Cross: Delete this video file.

A plus sign inside the blue box at the bottom represents adding the video file.

2. Click the "Play plan" in the setting interface to enter the following interface:

Human logo: Set the name of the plan

Double arrow: Shows all programs, you can modify the program corresponding to the plan

Alarm clock: Set the timing function of the plan

Up and down arrow: Change the priority of the schedule, the higher the priority is

Minus: Delete the plan.

The plus sign at the bottom indicates that a new plan is added.

Describe the functions of the 485 module.

1. Ceiling infrared: When the infrared detector detects someone or an object moving, it plays the desired program effect (can be customized)
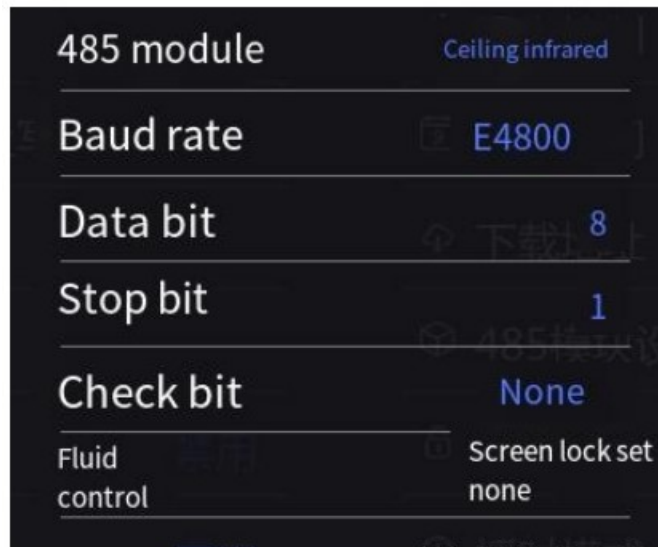
2. 485 protocol control: through the third party instructions, can play, stop, switch segments and other operations (see the control protocol for details).
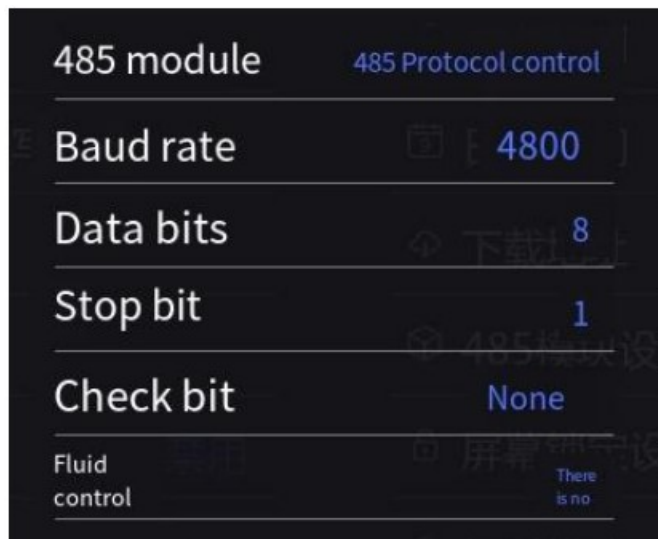
3. 485 console control: can receive the standard 512 protocol.

Describe the functions of node mode

Used as the node end of a large centralized control platform, it accesses the platform through TCP protocol and accepts the platform control; Set the relevant parameters required by the server, enable the node mode, and master the automatic connection platform.

Address: Building 65, No. 17, Jingsheng South 4th Street, Zhongguancun Science and Technology Park, Tongzhou District, Beijing, China
Postcode: 101102
Tel.: 010-56370005
Fax: 010-56370005-810
http://www.ssg-china.cn

Documents / Resources

[SSG SW602 Integrated Machine Controller](#) [pdf] Instruction Manual

SW602 Integrated Machine Controller, SW602, Integrated Machine Controller, Machine Controller, Controller

References

- **[User Manual](#)**