Product Specifications

Full color Asynchronous –Synchronous Play ControllerA60X

V3.0 20170901

Overview

HDPlayer asynchronous-synchronous dual-mode control system is a remote control, autonomy playback of HD video, pictures, text and other LED display dual-mode control solution for the full color advertising Led screen. Dual-mode control system includes the Dual-mode sending box, R500 / R501 receiving card and software HDPlayer three parts.

Dual-mode sending box the core of the system, is responsible for the configuration parameters and programs passed to the receiving card; can play offline, but also real-time playback of the contents of the desktop computer; with storage capabilities.

Receiving card R500 / R501 is connected to the screen of the board, is responsible for receiving the playback box of the data sent to display it on the LED screen.

Control software HDPlayer control LED display intelligent point-screen, performance parameters, brightness adjustment, screen correction, the display screen to adjust to the best display state; also edit programs, send programs, cluster management multiple LED display.
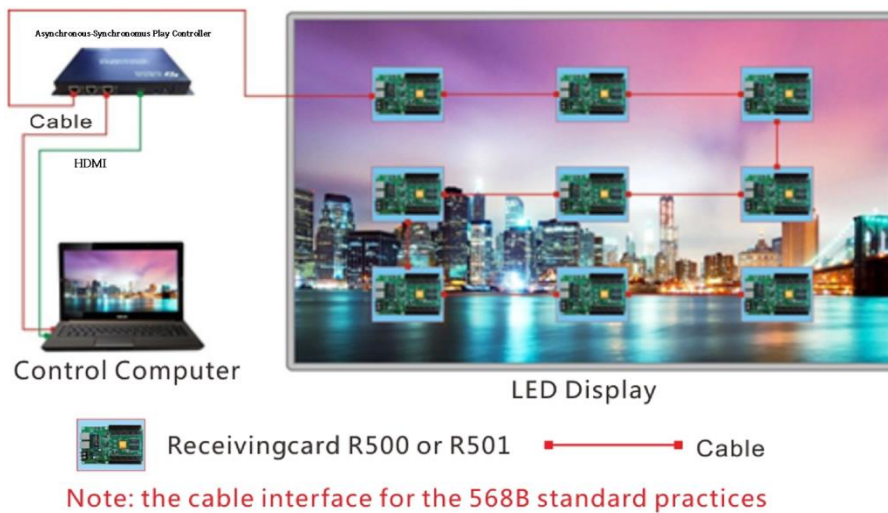
Configuration list

Product	Model	Functions
Asynchronous And Synchronous Player	A601/A602/A603	Asynchronous core control panel, with storage capabilities
Receiving card	R500/R501	Connected to the screen，send the programs to the LED screen.
Control software	HDPlayer	Screen parameter settings、edit the program、send program , etc.
Accessories		12V Power Adapter、HUB、cable、HDMI、etc.

Application scenario

1-1 Asynchronous cluster management mode

1-2Synchronous mode

Note：Each screen only using one A60x, the number of received cards are depends on the screen size.

Program features

a. Support Asynchronous and Synchronous using, Plug and play；

b. Control Range：A601:800*600；A602:1280*720；A603:1920*1080；

c. Indefinitely expanding memory by U-disk；

d. HMDI video input；

e.Support synchronous playback Maximum display size of 1280 points up to 720 points；

f. No complex network settings, plug and play；

g.Network Cluster Management.
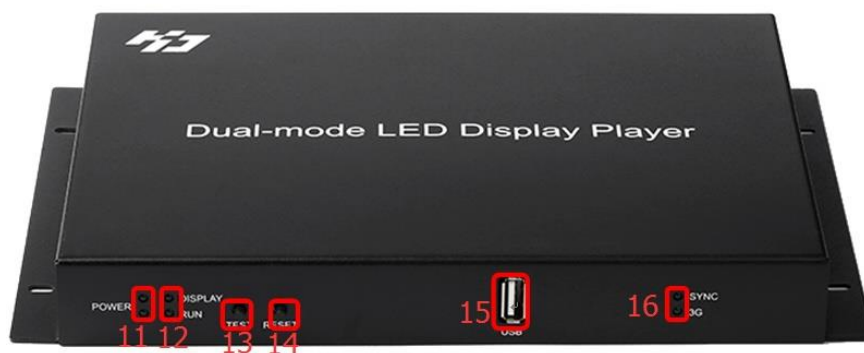
System function list

Module Type	Indoor& outdoor full-color& single/dual color module； Support for virtual modules； Support MBI5041/5042、MBI5050、MY9221、MY9268ect.PWM
Scan Mode	Static to 1/32 scan mode
Control Range	A601 800*600,3840*124,234*2048；（asynchronous） A602 1280*720,3840*240,450*2048；（asynchronous） A603 1920*1080,3840*540,1012*2048；（asynchronous） Synchronize：1366*768
Single receiving card with load pixel area	Recommend：128（Width）*128（High）
Gray Scale	0-65536
Program update mode	Synchronous computer, LAN, public network, U-disk, mobile hard disk
Function	Video、Pictures、Gif、Text、office、Clocks、Timing 、etc.； Remote、Temperature、Humidity、Brightness、etc.
Video Format	AVI、WMV、RMVB、MP4、3GP、ASF、MPG、FLV、F4V、MKV、MOV、DAT、VOB、TRP、TS、WEBM、etc...
Image Format	BMP、GIF、JPG、JPEG、PNG、PBM、PGM、PPM、XPM、XBM、etc...
Text	Text editing, image insertion, but also supports the word, txt, rtf, html and other text directly into.
Document	DOC、DOCX、XLSX、XLS、PPT、PPTX、etc.Office2007Document format
Time	Classic Analog clock, digital clock and various of clock with image background
Audio output	Double track stereo audio output
Memory	4GB Flash memory; Indefinite expanding of U-disk memory.

Communication	Gigabit LAN; Internet, LAN networking
Working Temperature	-20℃-80℃
Port	IN：12V Power Adapter x1，10/100/1000M RJ45 x1，USB 2.0 x1， HDMI x1，Power switchx1，test button x1 OUT：1000M RJ45 x2AUDIO x1，HDMI x1
Receiving card point	1 x 5VAdapter，2 gigabit Ethernet port
Player Working Voltage	12VAdapter
Receiving card Working Voltage	4.5V~5.5V
Software	HDPlayer

Model Selection Reference ━━━━━━━━

Model	Control rage	Widest/ Highest
A601	800*600	800*600,3840*124,234*2048
A602	1280*720	1280*720,3840*240,450*2048
A603	1920*1080	1920*1080,3840*540,1012*2048

Appearance Description ━━━━━━━━

①：Output network port 1，connect with the Receiving card network port；

②：Output network port lights1，normal working state is steady green light, orange light flashing；

③：Enter the network port2，connect with the Receiving card network port；

④：Enter the network portlights2，normal working state is steady green light, orange light flashing；

⑤：Output network，connect with the computer network port;

⑥：Enter the network port，normal working state is steady green light, orange light flashing；

⑦：HDMI port，connect with the HDMI port、Set-top box HDMI interface or video processor HDMI interface；；

⑧：Audio Output，Double track stereo audio output；

⑨：Power connector, connect 12V power supply；

⑩: Power switch, power off；

⑪: Power light, normal working condition is two green light；

⑫: Display and running lights, the normal working state is 2 green light；

⑬: Test button, each press, the screen shows a test status, the test status is white, red, green, blue, horizontal, vertical, left slash, right slash, the program is played；

⑭: Reset button, restore factory settings；

⑮: USB interface, connect USB devices, such as: U disk, mobile hard disk

⑯: SYNC indicator light and 3G indicator light, plug in HDMI, SYNC light flashes; plug 3G card, the 3G light flashes.

Dimension Chart

Technical Parameters

	Minimum	Typical value	Maximum
Rated voltage (V)	11.2	12.0	12.5
Storage temperature(℃)	-40	25	105

Work environment humidity (℃)	-40	25	80
Work environment humidity (%)	0.0	30	95

Precautions

1）In order to ensure the long-term stable operation of the system; please try to use the standard 12V power adapter voltage