Audio player

AP-SA600 Integrated P.A. S host

AP-SA600 is a mixed equipment for both conventional broadcasting and emergency broadcasting a multifunctional integrated broadcasting host of high quality, full functionality and high standards. This device integrates MP3, FM/AM, monitor broadcast, zone playback, paging broadcast, timed playback, etc. One device can literally take the place of 8 machines combined.
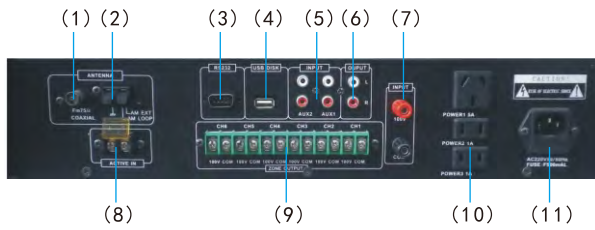
Descriptions:

◎ System display: Menu operation in Chinese/English, with 122x32 LCD screen display
◎ Multiple audio outputs: Equipped with MP3 and FM/AM, playback can be manually or automatically operated.
◎ MP3 music from USB drive can be played, and the local USB drive can store up to200 MP3 songs.
    Two external line inputs: with AUX1 and AUX2 audio input channels.
◎ Mic mixing plug input: Multiple output modes can be selected, including mixing, strong plugging, or emergency broadcasting.
◎ System settings: can set time and date in Chinese or English.
◎ System timing setting: can select songs and tracks for playback at a fixed time;can open zones at a setting time and can connect to the power supply
◎ Built-in pre amplifier.
◎ Built in external amplifier monitoring.
◎ Three output power supply controls: can be manually or automatically controlled. Three output power supplies (one 660W and the other two 200W) can be manually turned on or automatically turned on at a scheduled time.
◎ Six broadcast zone outputs: one zone can have 500W, and the other five can have 300W in total. Zones can be manually opened or automatically opened on a scheduled basis.
◎ The alarm activation signal input can trigger local alarms for the entire area.
◎ Computer download timing recording: This machine can download the edited timing record on the computer.

Model	AP-SA600
MIC input sensitivity	MIC: 600 ohms (Ω) 1 ohms, unbalanced
Rated output power	10k ohms(Ω) 0.775V
Frequency response	20Hz-20kHz (± 3 dB)
Nonlinear distortion THD	<0. 5% at 1kHz
Signal to noise ratio S/N	>80 dB
Protection	AC FUSE x 0.5 Ax1
Power cable	(3X1.5mm2) X1.5M (standard)
Power supply	AC 220V±10% 50-60Hz
Power consumption	10-30W
Machine dimensions	89(H)x438(W)x366(D)mm
Packaging size	185 (H)x 520 (W) x 435(D)mm

Rear panel

(1) FM antenna
(2) AM antenna
(3) RS-232 data interface

(4) External USB port
(5) External audio input port
(6) Audio output port

(7) Constant voltage input terminal
(8) Alarm activation input port
(9) Six zone interface
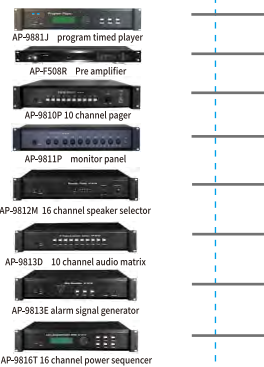
(10) Three sets of power output
(11) AC 220V power input

Equipment advantage

Conventional rack-mounted broadcast devices

Broadcasting functionalities	Broadcast equipment
1. Background music play	AP-9881J program timed player
2. Audio signal pre amplifier audio	AP-F508R Pre amplifier
3. Monitor external audio from power amplifier	AP-9810P 10 channel pager
4. Zone selector	AP-9811P monitor panel
5. Emergency broadcasting	AP-9812M 16 channel speaker selector
6. Timing of system	AP-9813D 10 channel audio matrix
7. Program Timing playback	AP-9813E alarm signal generator
	AP-9816T 16 channel power sequencer

Integrated host

◎ Multi-mode operation
◎ Highly integrated and fully functional--one machine can take all.
◎ The system has a small volume and only requires to add an power amplifier to make a broadcasting system.
◎ Easy to operate, Chinese and English interfaces for human-machine dialogue
◎ Automatic control editing options: computer or the machine itself can be selected to operate the system.
◎ High cost-effective.

Integrated P.A.S host

Typical connection

FM/AM
PC
USB flash drive
AP-DV12 DVD player
Power amplifier

Download computer editing timer
Audio input
Audio input
Audio output
Constant voltage signal input
Power output

Broadcasting paging, audio input
Power output
220V/50Hz AC input

Alarm activation signal input (short circuit signal)

AP-SA600 timing broadcasting host

Playground
Classroom 1
Classroom 2
Classroom 3
Office
Campus green belt

Outdoor column speaker
Wall mount speaker
Wall mount speaker
Wall mount speaker
Ceiling speaker
Garden speaker