

MAG2120II MAG2140II

Intelligent Public Address System



Description

The mini intelligent broadcast media matrix system is an intelligent public address system, which integrates such functions as playing, intelligent timing control, audio matrix, zone control, intelligent fire linkage, remote computer control and telephone paging as well as remote paging.

Leveraging on its integral public address functions and individualized intelligent control functions, the system can better satisfy demands of users for small and medium address systems, like the sound amplification at such public places as primary and high schools, small and medium plants, parks and squares.

Features

- The public address controller integrates such functions as playing, intelligent timing control, audio matrix and zone control.
- There are 5 timing schemes and 500 timing points for each timing scheme, for cycle on a 7-day basis. Each timing point is available for control of audio source selection, bell, built-in MP3, built-in AM/FM, 2-channel power supplies, 4 external peripheral audio sources (CD, tuner, socket and MP3 program player). The 5 timing schemes can be switched easily.
- It is a large audio matrix with 8-channel common audio source inputs, built-in MP3 and AM/FM, 1-channel local aviation microphone input (with first priority), 1-channel alarm signal input (with second priority), 1-channel remote paging microphone signal input (with third priority), 1-channel phone paging signal input (with fourth priority) and 40-channel outputs.
- 40-channel (MAG2140II) and 20-channel (MAG2120II) fire emergency inputs (short-circuit signal), and 1-channel fire linkage output (short-circuit signal, used for extension, which can be connected to MP9915E/8815E, MP9923S/8823S and others). (Each emergency input can trigger any programmable zone.)
- Can be connected to an external computer through LAN for control of the host via a software (It can realize remote timing settings, timing point settings and auto play of specified programs through the computer.) (Such functions can be realized by a remote control software available at an additional purchase.).
- The remote paging microphone can be extended through 9 pin ports.
- All timing programs are available for instantaneous and easy manual intervention.
- Can monitor each zone in real time with volume control (digital volume control).
- With DSP processor of high performance, digital matrix, digital volume control, digital equalizer, 7-inch color screen and touch pad.
- With USB interface, which can be used to copy songs in the USB directly to the host for playing. With built-in 8G storage capacity in the host.
- It can realize 100m wireless remote control with 12 programmable buttons. It can realize customized on/off of zone and selection of audio sources and songs with one button.
- With 3 types of bell signal output function (digital volume control).
- With alarm signal output function (digital volume control).
- With telephone zone paging function (digital volume control, with password alteration, all paging, optional paging and programmed paging).
- With timing control of playing status of external audio source.
- With calibration of touch points on the touch screen.
- Can realize remote control of digital volume control of 40-channel zone outputs.

Specification

Model	MAG2120II	MAG2140II	
Number of control zone	20 zones	40 zones	
Display	7-inch color screen		
Control mode	Touch screen / Remote control / Wireless remote control		
Host Built-in Storage Capacity	8G		
Input sensitivity	250mV(±25mV)		
Output	1V(0dBV)		
Built-in audio source	Radio, MP3		
MP3	Frequency response	20Hz-20kHz	
	SNR	85dB	
	Dynamic range	80dB	
	Harmonic distortion	0.05%	
Radio	AM	Sensitivity	52dBu
		Receiving range	522kHz-1620kHz
		Pass-band	6kHz
		SNR	35dB
	FM	Sensitivity	26dBu
		Receiving range	87.0MHz-108.0MHz
		Pass-band	15kHz
		SNR	75dB
Wireless control	12 groups, with control distance within 100-1000m		
Frequency response	20Hz-20kHz(±3dB) (Single zone)		
SNR	85dB		
Crosstalk	70dB		
Alarm trigger mode	Low level of 0V, and high level of 5V~24V		
Timing power output	PWR1	AC220V/50Hz/500W	
	PWR2	AC220V/50Hz/500W	
Fuse	Machine protection	F1AL	
	Power protection	F10AL	
Power supply	AC220V (±10%) / 50Hz		
Overall power consumption	22W		
Package dimension (mm)	(L×W×H) 555×460×235		
Machine dimension (mm)	(L×W×H) 484×360×132		
Gross weight	11.8kg	12.3kg	
Net weight	9.2kg	9.6kg	