WEP5541 Emergency Broadcast Audio Decoder

Features

- With LCD screen to display signal intensity and playing status
- Built-in 2 channel RDS radio, for normal and emergency FM
- With 2 Aux input and one Aux output
- Local mic and superior level broadcasting with priority
- Can connect with external FM transmitter, cover the village
- With telephone input and SMS function

Description

WEP5541 is a multi-functional emergency broadcast host that integrates multiple controls, which can be used with different front and rear devices to form a variety of application systems. It is mainly used for addressable systems such as wireless/wired co-cable transmission, rural broadcasting village sound projects, small broadcasting projects, external and internal network broadcasting systems, etc.

*S*pecification

Technical Parameter			Technical Requirements
Input Interface	1 FM Input		F Head（75Ω）
	1 IP input		100/1000Mbps，UDP Protocol
	1 GPS Receive Module		Support SMS or telephone remote emergency insertion
	2 Sets of Audio Line Inputs		RCA
	1RDS Input		BNC
	1 USB Input		USB Interface
			Stream Format: communication
	1Microphone Connector		6.35mm
Output Interface	IP Output		1 IP output UDP protocol，100/1000Mbps Network port
	1 Set of Audio Output		RCA
	1-way Monitor Speaker		Output power: 3W
	1 FM output		F Head（75Ω）
	2 controlled power outputs		220V 5A
Indicator Parameters	Frequency Output Range		87-108MHZ
	RF Signal Input Level		FM: ≤-50dBm
	Modulation Output Parameters	Distortion （100% modulation）	＜0.5%
		Frequency Response	±0.5dB
		SNR（100% Modulation）	＞60 dB
		Left/Right Channel Separation	＞40 dB
		Left and right channel level difference	＜0.4 dB
		Carrier Frequency Allowable deviation	≤2KHZ

		Carrier output level	≥110dBuV	
		Amplitude-modulated Noise	≤-45dB	
		Audio Frequency Response 100Hz-10kHz	≤1.5dB,≥-1.5dB	
		Audio Frequency Response 40Hz-15kHz	≤1.5dB,≥-3dB	
		Audio THD	≤1.5%（frequency offset±75kHz,test frequency is 1kHz）	
	IP Network Audio Decoding or Encoding	Decoding or Encoding	AAC,MP3,FLAC,WAV	
		Sampling Rate	32KHz	
		Sampling accuracy	16-bit	
		Bitrate	64Kbps	
System	LCD display/key operation			
	Simplified Chinese Interface			
	Temperature Range	0~45℃(Work)；-20~80℃(Storage)		
	Power Supply	AC 100~265V±10%，50/60Hz		
	Power Consumption	<35W		