

## WEP253      Addressable Receiving Terminal



### *Features*

- The all-weather outdoor waterproof design, compact and beautiful appearance;
- The wireless/wired addressable receiving, RDS subcarrier decoding, high reliability encryption, ensure safe broadcasting;
- Gas lightning protection tube with built-in high voltage and strong current, protection against thunder and lightning, high reliability;
- The DSP digital radio unit, high quality output;
- Support for superior host remote boot timing and digital volume control, solve the problem of lose efficacy of mechanical potentiometer by long working time;
- DSPPA special control protocol, ultra high sensitivity to accept, even in the weak signal can be accurately adjusted the control signal;
- Customers can be customized for fixed frequency acceptance or automatic tracking transmitter frequency acceptance,very strong adaptability;
- Built in 25 W high fidelity amplifier circuit, protection function safety;
- With two line signal output interface to facilitate the expansion of high-power amplifier;
- Working status indicator light, easy to judge equipment failure
- Reserved communication port, convenient parameter setting and upgrade maintenance;
- Two way power supply mode of communication port, to support the external series equipment supply and external equipment to internal power supply;
- Through the PC software, control the host or a dedicated handheld receiver parameters, while remote wireless or wired settings;
- Support for solar energy, wind energy, AC, line power supply and other power supply;
- No signal automatic standby and mute function,ow power consumption, save energy, prolong the service life of the equipment

## Description

WEP253 is a addressable FM receiving terminal specially designed for wireless Public address system. It's a public address equipment with FM reception, audio decoding, signal amplification and audio output,support wireless and wired two transmission modes.This equipment is suitable for city and rural emergency broadcasting system;Campus, parks, squares, parks, factories and other places of public address system outdoor sound reinforcement, etc.. It is an ideal choice for outdoor audio reception and signal amplification.

## Specification

Functional Module	Parameter Item	Technical Index
FM receiving section	Receiving Frequency	76-108MHz
	Frequency Response	40Hz-15kHz
	SNR	≥62dB
	Receiving Sensitivity	2-100dBuV
	Data Demodulation	57 kHz,RDS Code
Line Output Section	Output Interface	2 way RCA style
	Output Level	1V
	Output Impedance	≤100Ω
Power And Communication Section	Rated Power	25W/8Ω
	Frequency Response	40Hz-15kHz
	SNR	≥65dB
	Distortion	≤0.2%
	Communication mode	RS232/9600bps
Power part	Standby Power	≤0.85W
	Full load power	≤40W
	Voltage And Frequency	AC180-240V/50Hz