

# VOSS AUDIO IN-EAR MONITOR SYSTEMS SR2050



## Main features

- UHF band Phase lock PLL
- Among the band of 32MHz, the preset 40 frequencies can be arbitrary switching
- Dynamic expansion circuit, greatly improve signal-to-noise ratio
- Elegant liquid crystal display panel
- With power and RF receiving indicator lamp
- With using two No. 5 batteries and efficient power circuit, long service time
- Metal housing, sturdy and durable
- The transmitter adopts balanced and unbalanced sharing socket
- The transmitter is with output monitoring phone jack

## Technical Data

		<b>Transmitter</b>
Case specification:	standard 1U	
Case material:	metal panel	
Oscillation mode:	PLL synthesized	
Frequency stability:	$\pm 0.005\%$	
Frequency range:	UHF798~830MHz	
Frequency interval:	32MHz	
Preset Channel:	40 channels separately set 4groups	
Operate mode:	manual adjust	
Max Deviation:	$\pm 48\text{KHz}$	
Frequency response:	50Hz~15KHz $\pm 3\text{dB}$	
Transmit output power:	100mW(50 $\Omega$ )	
Harmonic radiation:	<4NW	
AF input:	XLR, $\phi 6.35\text{mm}$ jack	
Earphone output:	$\phi 6.35\text{mm}$ stereophonic socket	
Earphone load impedance:	$\geq 16\Omega$	
Current consumption:	DC 12V/250mA	
Antenna socket:	TNC socket (50 $\Omega$ )	

**Receiver**

Oscillation mode: PLL synthesized

Frequency stability:  $\pm 0.005\%$

Frequency range: UHF798~830MHz

Frequency interval: 32MHz

Preset Channel: 40channels separately set 4 groups

Operate mode: manual adjust

Receiving mode: single tuning

Sensitivity: deviation 25 KHz, with connecting 7dBuV, S/N>78dB

Max Deviation:  $\pm 48\text{KHz}$

Comprehensive S/N ratio: >94 db (1KHZ-A)

Comprehensive T.H.D: <3% @ 1KHz

Frequency response: 80Hz~15KHz  $\pm 3\text{dB}$

Output power (32 $\Omega$ ): 2X35mw @ 1KHZ

Earphone load impedance:  $\geq 16\Omega$

Output socket:  $\phi 3.5\text{mm}$  stereo earphone socket

Volume output adjusts: adjust when using

Power box: batteries AAX2

Current drain: 3V/120mA (Under the median degrees of the volume control)

Antenna: fixed  $1 / 2 \lambda$