



# WJP-21

## VHF Portable Speaker System

### Features

- 20W
- VHF wireless MIC system
- Fixed frequency 160 ~ 245 MHz
- Optional MP3 player and recorder (WJP-21R)
- Priority mode
- Battery powered



WJP-21 is a complete portable speaker system for mobile presentations, teaching, background music and announcements. It is battery powered and it features a one channel VHF wireless microphone system. Very compact and very light, it is easy transportable and can be used in many applications with quick setup and easy operation. It works with VXM-298TS handheld transmitter or VT-22P pocket transmitter equipped with LM-60/ LM-10 lapel or HM-28 headset microphones. WJP-21R model features a MP3 player and recorder, WJP-21R ECHO includes an additional echo effect.



VXM-298TS



VP622P(J)  
with LM-60



LM-10



HM-28

## Specifications

WJP-21 / 21R / 21R ECHO	
<b>Power Supply</b>	AC: 20W (RMS) Max DC 12V: 10W (RMS) Max Internal battery: 10W (RMS) Max
<b>Speakers</b>	6.5" paper cone 6Ω, 20W
<b>Channel</b>	Single Channel
<b>Frequency Band</b>	VHF 160 ~ 245MHz
<b>Receiver Type</b>	WTU-212 (Non-diversity)
<b>Receiver Mode</b>	Quartz fixed frequency
<b>Collocate transmitter</b>	VXM-298TS or VT-22P
<b>Frequency Response</b>	MIC: 80 Hz-18kHz (+/- 3dB) AUX: 60 Hz-20kHz (+/- 3dB)
<b>Frequency Stability</b>	+/- 0.005%
<b>Modulation Mode</b>	FM (F3E)
<b>Audio Output Level</b>	300mV at +/- 40kHz Deviation
<b>THD</b>	< 1%
<b>S/N Ratio</b>	MIC1~MIC2: > 60 – AUX: > 70
<b>Controls</b>	BASS / TREBLE tone control +/-5dB
<b>Input Sensitivity</b>	MIC1~MIC2: -50dBv, AUX: -20dBv
<b>Rec. Output</b>	1V unbalanced
<b>Battery</b>	Rechargeable battery : BT-3.5AH (12V-3.5AH/20HR)
<b>Optional (WJP-21R)</b>	MP3-400 module with USB /SD /MMC reader and recording function
<b>Dimension (W x D x H)</b>	212 x 150 x 272 mm (8.3" x 5.9" x 11.1")
<b>Weight</b>	4.8 kg (10.58 lbs)

MODEL	VXM-298TS Handled Transmitter	VT-22P Pocket Transmitter
<b>Frequency Band</b>	VHF high band 160 ~245MHz	VHF high band 160 ~245MHz
<b>Frequency Response</b>	50 Hz-15kHz (+/- 3dB)	50 Hz-15kHz (+/- 3dB)
<b>Frequency Stability</b>	+/- 0.005%	+/- 0.005%
<b>Modulation Mode</b>	FM (F3E)	FM (F3E)
<b>Rated Deviation</b>	+/- 40KHz	+/- 40KHz
<b>RF Output Power</b>	10mW	10mW
<b>Spurious Emission</b>	45dBc	55dBc
<b>Current Drain</b>	< 30mA	< 30mA
<b>THD</b>	< 1%	< 1%
<b>Frequency Response</b>	50 Hz-15kHz (+/- 3dB)	50 Hz-15kHz (+/- 3dB)
<b>Battery</b>	9V alkaline	9V alkaline
<b>Battery Life</b>	7 ~ 8 Hours	7 ~ 8 Hours
<b>Tone Frequency</b>	30 ~ 33kHz	32.768 kHz
<b>Dimension (W x D x H)</b>	246 mm (9.7")	106 x 23 x 66 mm (4.2" x 0.9" x 2.6")
<b>Weight</b>	0.22 kg (0.47 lbs)	0.80 kg (1.77 lbs)
<b>Microphone Type</b>	Dynamic Capsule	Input: Dynamic Mic. / Condenser Mic. / Elec. Instrument

Specifications subject to modification without notice



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