

PT 3208 (2)

Production Specification

1. General Specification

	Items	Specifications
1	Channel Number	16
2	Channel space	25KHz/12.5KHz
3	Frequency	450~470MHz
4	Temperature range	-30 °C~+60 °C
5	Antenna Impedance	50Ω
6	Microphone impedance	2K Ω
7	Power source	7.5VDC(20%)
8	Dimension/weight (net)	55(W)*115(H)*32mm(D) Body:130g, W/battery&antenna 240g

2. Detailed specification

A. Receiver sections

	Items	Specifications
1	Sensitivity (12dB SINAD)	0.35 μ v
2	Operating band width	$\pm$ 7KHz
3	Channel selectivity	$\geq$ 60dB
4	Intermodulation	$\geq$ 60dB
5	Spurious response	$\geq$ 60dB
6	Audio output power	500mW
7	Frequency stability	$\pm$ 5 ppm
8	Channel expanding range	20MHz

B. Transmitter sections

	Items	Specifications
1	RF output Power	4W
2	Modulation type	16kØ F3E
3	Spurious an harmonics	≤-60dB
4	FM noise 300~3000Hz	≤-40dB
5	Modulation distortion 300~3000Hz	≤5%
6	Frequency stability	±5ppm
7	Channel expanding range	20MHz
8	Max frequency deviation	±5KHz
9	Audio input level	6mv