

Specification:

	ST-618VHF	ST-618UHF
General		
Frequency Range	M Type: 136-174MHz	M Type: 350-390MHz M2 Type: 400-470MHz
Number of Channels	At most 50 channels	
Channel Spacing	25 kHz/12.5 KHz (PLL spacing: 5kHz/6.25kHz)	
Channel Step	5, 6.25KHz	
Working Voltage	6.25 V DC (± 20%)	
Battery Life (5-5-90 duty cycle and close the save power)	More than 12 hours (1100mAh)	
Working Temperature	-20°C ~ 60°C	
Frequency Stability	±2.5ppm	
Antenna Impedance	50Ω	
Channel Frequency Spread	38MHz	70MHz
Size (W×H×D)	52×110×25mm (including battery)	
Weight (Net Weight)	190g (including Battery, Antenna)	
Receiver (According to TIA /EIA-603 Standard Testing)		
	WideBand	NarrowBand
Sensitivity (12dB SINAD)	0.2 μ V	0.25 μ V
Selectivity	More than 65dB	More than 60dB
Intermodulation Distortion	More than 65dB	More than 60dB
Noise Respose	More than 60dB	
Audio Power Output	400mW when distortion less than 10%	
Transmitter (According to TIA /EIA-603 Standard Testing)		
RF Power Output(H/L)	4W/1W	
Spurious Response	Less than -70dB	
Modulation	16K∅ F3E / 11 K∅ F3E	
FM Noise	Less than -45dB	
Audio distortion	Less than 5%	

Sorry for no further advise for changing the specification.