



# PT618/617

## Compact-Design Mobile Radio

- **COMPACT OUTWARD DESIGN**
- **101 MEMORY CHANNELS, 99 NORMAL CHANNELS AND 2 EMERGENCY CHANNELS**
- **HIGH VOICE QUALITY**  
Voice compander enables clearer voice when in weak signal strength.
- **LARGE SCREEN FOR DISPLAY**  
Large LCD screen with orange backlight enables clear display.
- **CTCSS/DCS**  
Built-in CTCSS/DCS encoder/decoder prevents interference in the same frequency and initiates repeater and selective call.
- **CHANNEL SPACING PROGRAMMABLE**  
Channel spacing of 25kHz or 12.5kHz is programmable by PC software.

- **PC PROGRAMMABLE**  
Frequency and various functions can be set by programming software.
- **CHANNEL SCANNING**  
Priority channel scanning can be preset.
- **WIRED CLONE**  
All stored data can be transferred to another radio of the same model by a specific cable.
- **BUSY CHANNEL LOCKOUT**  
Transmitting signal is prohibited when the channel is busy.





# PT618/617

## FM VHF/UHF Portable Radio

### SPECIFICATION



General	PT618	PT617
Frequency	440 ~ 480 MHz	136 ~ 174 MHz
Channels	101	
Channel space	25 kHz / 12.5 kHz	
PLL steps	5KHz,6.25KHz,12.5KHz,25KHz,1MHz	
Operating temperature	-30°C ~+60°C	
Microphone impedance	2kΩ	
Antenna impedance	50Ω	
Modulation type	16KF3E(W)/8KF3E(N)	
Frequency stability	$\pm 2.5 \times 10^{-6}$	
Power supply	DC 12.5V $\pm 20\%$	
Operating current	$\leq 8A$	
Dimension(W×H×D)	140mm×40mm×145mm	
Weight	1000g(net)	

Receiver	PT618	PT617
Sensitivity (12dB SINAD)	0.25 $\mu$ V(W)/ 0.28 $\mu$ V(N)	
Operating band width	$\pm 7KHz(W)/ \pm 3.5KHz(N)$	
Adjacent channel selectivity	$\geq 75dB(W)/\geq 65dB(N)$	
Intermodulation reject ratio	$\geq 70dB(W)/\geq 65dB(N)$	
Spurious response reject ratio	$\geq 75dB$	
AF output power	2W (8Ω, distortion less 5%)	

Transmitter	PT618	PT617
RF power	25W/10W/5W	
Spurious and harmonics	$\leq -70$ dB	
FM noise(300~3000Hz)	$\leq -45$ dB(W)/ $\leq -40$ dB(N)	
Audio distortion(300~3000Hz)	$\leq 5\%$	
Maximum frequency deviation	$\pm 5kHz(W)/ \pm 2.5kHz(N)$	

Dealer:

### Standard accessories



**NOTICE:** The specification and the outward are subject to change without notice due to advancement in technology, for more detailed information, please contact KIRISUN Electronics [Shenzhen] Co., Ltd.