

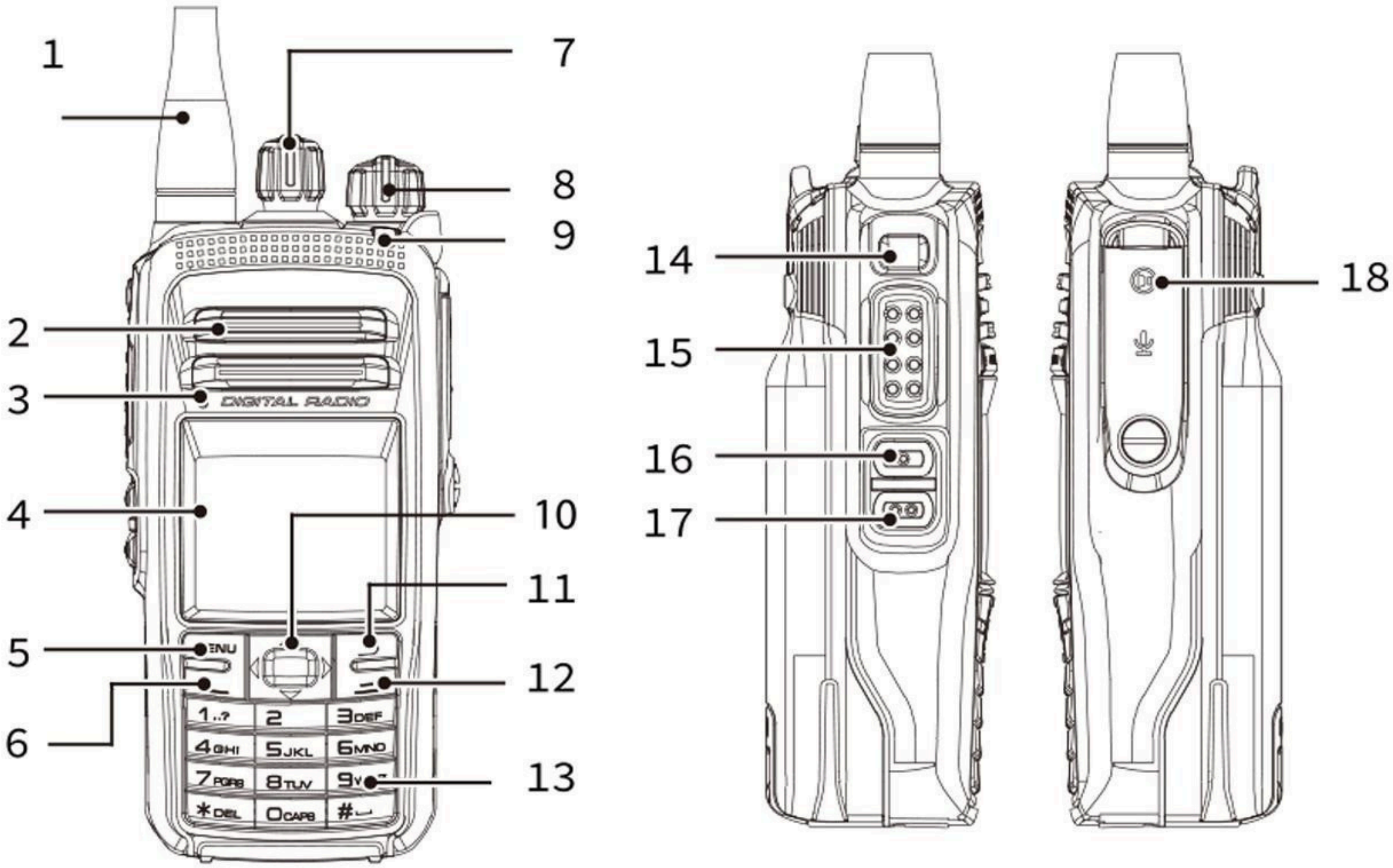
DIGITAL Professional Portable Radio
DMR Dual Bands Radio

TX-P213



- ✓ DMO 2 Slots
- ✓ AMBE+2™ Vocoder
- ✓ Dual-mode Digital/Analog Compatibility
- ✓ 1.77" Color Screen
- ✓ Background Noise Cancellation
- ✓ One Touch for Data/Voice Messages
- ✓ Supports Private Call/Group Call/All Call
- ✓ AES 256 Advanced Encryption(optional)
- ✓ Type-C Charging (optional)
- ✓ 300 Hours Recording(optional)
- ✓ Long-lasting Battery Performance
- ✓ Work Alone Function
- ✓ Emergency Alarm
- ✓ Date and Real-Time Clock Display
- ✓ Built-in SMS/Call Recorder
- ✓ Squelch Tail Elimination
- ✓ VOX

Product Layout



No.	Name	No.	Name
1	Antenna	12	Programming Key2 (P2)
2	Speaker	13	Keypad
3	MIC	14	Side Key 1
4	LCD Display	15	PTT Key
5	Menu Key	16	Side Key 2
6	Programming Key1 (P1)	17	Side Key 3
7	Channel Knob	18	Accessories Jack
8	Power/ Volume Knob		
9	LED Indicator		
10	Navigation Key		
11	Return Key		

Specification

Transmitter		Receiver		General	
RF Power	2W (Low) / 7W (High)	Analog Sensitivity	0.2μV (12dB SINAD)	Frequency Range	136~174MHz,350~400MHz 400~470MHz,450~520MHz
Power Margin Variation	+2/-3dB (under Extreme Conditions)	Digital Sensitivity	0.22μV (Typical) (BER 5%)	Channel Spacing	12.5 KHz / 25 KHz
Frequency Error	±1.0ppm	Adjacent Channel Selectivity	60dB @ 12.5KHz 65dB @ 25KHz	Channel/Zone Capacity	3000 Channels / 250 Zones
FSK Error	<5%	Intermodulation Rejection	60dB @ 12.5KHz 60dB @ 25KHz	Operating Voltage	7.4V
4FSK Transmission Bit Error Rate (BER)	≤1×10-4	Blocking	80 dB @ 12.5KHz 80 dB @ 25KHz	Battery Capacity	2200mAh
4FSK Modulation Frequency Deviation Error	≤10.0%	Co-Channel Rejection	-12dB @ 12.5KHz -8dB @ 25KHz	Battery Life (5/5/90)	Analog: 10 hours ; Digital: 13 hours
Occupied Bandwidth (PDT/DMR)	≤8.5KHz	Spurious Response Rejection	60dB @ 12.5KHz 60dB @ 25KHz	Vocoder Type	AMBE+2TM
TX Attack/Release Time	≤1.5ms	Rated Audio Output Power	1.0W /16Ω	Frequency Stability	±1.0ppm
Adjacent Channel Power	≤-55dB @ 12.5KHz / ≤-65dB @ 25KHz	Conducted Spurious Emission	<-57dBm (9KHz~1GHz) <-47dBm (1GHz~12.75GHz)	Antenna Impedance	50Ω
Transient Adjacent Channel Power	≤-50dB @ 12.5KHz / ≤-60dB @ 25KHz			Dimensions (without Antenna)	137mm*63mm*43mm
FM Modulation	16K0F3E @25KHz/ 11K0F3E @12.5KHz			Weight	Around 319g
4FSK Digital Modulation	12.5KHz (data only) : 7K60FXD 12.5KHz (data+voice) : 7K60FXE				
Audio Distortion	≤3% @ 40% Deviation				
Audio Response	+1 ~ -3dB				
FM Hum and Noise	40dB @ 12.5KHz / 45dB @ 25KHz				
Spurious Emission	≤-36dBm (9KHz~1GHz) ≤-30dBm (1GHz~12.75GHz)				

Standard Accessories



Antenna Battery Belt Clip Charger Dock AC Adaptor Hand strap