

Standard Features and Functions for PSERN Radios

(For King County Public Safety, General Government, and Public Works)

This document is a specification sheet for what radio end-users can expect to receive from the Puget Sound Emergency Radio Network (PSERN) standard radios. There are two categories of PSERN radios: 1) Public Safety, and 2) General Government and Public Works Radios. The deployment of radios will begin in the fall of 2021. For more information on PSERN, please visit PSERN.org, email PSERN-INFO@kingcounty.gov, or call 206-47-PSERN (77376).

Chart Key for Radio Features and Functions:

S = Standard *(provided by PSERN to agencies for each radio exchanged)*

○ = Optional *(available for purchase by individual agencies)*

Public Safety Radio Standard Features and Function

Mobile Radios

Mobile Radio Configurations	Vehicle Dash Mount	Vehicle Truck Mount	Vehicle Dual Head Trunk Mount	Vehicle Quad Head Trunk Mount	Motorcycle Mount	Encryption & OTAR	GPS Capable +Antenna	Over the Air Programming (OTAP)
Configuration 1								
Fire, EMS & Law ENF Motorola APX4500 w/ O2 Control Head Motorola Brochure	S					S	S	S
Configuration 2								
Fire, EMS & Law ENF Motorola APX4500 w/ O2 Control Head Motorola Brochure		S				S	S	S
Configuration 3								
Fire, EMS & Law ENF Motorola APX6500 w/ E5 Control Head Motorola Brochure			S			S	S	S
Configuration 4								
Fire, EMS & Law ENF Motorola APX8500 w/ E5 Control Head Motorola Brochure				S		S	S	S
Configuration 5								
Fire, EMS & Law ENF Motorola APX6500 w/ E5 Control Head Motorola Brochure					S	S	S	S

Portable Radios

Portable Radio Configurations	Lapel Mic	Encryption & OTAR	GPS Capable +Antenna	Limited Keypad	Bluetooth	Ruggedized Hazard/Enviro Capable	Over the Air Programming (OTAP)
Configuration 1							
Law Enforcement Motorola APX6000 2.5 Motorola Brochure	S	S	S	S	S	O	S
Configuration 2							
Fire & EMS Motorola APX6000XE 2.5 Motorola Brochure	S	S	S	S	S	S	S

The APX6000 portable radios come with either a single unit rapid charger (Model WPLN7080) or, for every six radios, a 6-pocket multi-unit charger (Model NNTN8844) is provided. Also, for every six radios ordered, end-user agencies can decide between either a 6-pocket multi-unit charger or six individual chargers.

Control Stations

Control Station Configuration	Encryption & OTAR	Over the Air Programming (OTAP)
Configuration 1		
Fire, EMS & Law ENF Motorola APX 4500 w/ O2 Motorola Brochure	S	S

Consolettes

Consolette Configuration	Encryption & OTAR	Over the Air Programming (OTAP)
Configuration 1		
Fire, EMS & Law ENF Motorola APX Motorola Brochure	S	S

Government and Public Works Radio Standard Features and Functions

Mobile Radios

Mobile Radio Configurations	Vehicle Dash Mount	Vehicle Truck Mount	Vehicle Dual Head Trunk Mount	Encryption & OTAR	GPS Capable +Antenna	Over the Air Programming (OTAP)
Configuration 1						
General Government Motorola APX4500 w/ O2 Control Head	S			O	O	S

Motorola Brochure						
Configuration 2						
General Government Motorola APX4500 w/ O2 Control Head Motorola Brochure		S		O	O	S
Configuration 3						
General Government Motorola APX6500 w/ E5 Control Head Motorola Brochure			S	O	O	S

Portable Radios

Portable Radio Configuration	Lapel Mic	Encryption & OTAR	GPS Capable +Antenna	Limited Keypad	Bluetooth	Ruggedized Hazard/Enviro Capable	Over the Air Programming (OTAP)
Configuration 1							
General Government Motorola APX4000 Motorola Brochure	S	O	O	S	O	O	S

APX 4000 portable radios come with either a single unit rapid charger (Model WPLN4232) or, for every six radios, a 6-pocket multi-unit charger (Model PMPN4284). Also, for every six radios ordered, end-user agencies can decide between either a 6-pocket multi-unit charger or 6 individual chargers.

Control Stations

Control Station Configuration	Encryption & OTAR	Over the Air Programming (OTAP)
Configuration 1		
General Government Motorola APX 4500 w/ O2 Motorola Brochure	O	S

Consolettes

Consolette Configuration	Encryption & OTAR	Over the Air Programming (OTAP)
Configuration 1		
General Government Motorola APX Motorola Brochure	O	S