

STANDARD LINE

PLUS LINE

TECHNICAL SPECIFICATION	DEP450 (EOL) ¹	DEP550e (EOL) ²	DEP570e (EOL) ²	DEM500 ³	DGP5050e ⁴	R5 ⁶	R2 ⁷	R7 ⁵	DGM8000 Series ⁸
Radio Type	Portable	Portable	Portable	Mobile	Portable	Portable	Portable	Portable (PLUS)	Mobile (PLUS)
Main Technology	Analog/ Digital DMR	Digital DMR	Digital DMR	Analog/ Digital DMR	Digital DMR	Analog/ Digital DMR	Analog/ Digital DMR	Analog/ Digital DMR	Analog/ Digital DMR
Frequency Bands	VHF, UHF1, UHF2, 350	VHF, UHF	VHF, UHF	VHF, UHF1	VHF, UHF	VHF, UHF	VHF, UHF1, UHF2, 350	VHF, UHF, 350, 800/900	VHF, UHF1, UHF2, 350, 800/900
Tx Power (W)	VHF: 1-5, UHF: 1-4	VHF: 1-5, UHF: 1-4	VHF: 1-5, UHF: 1-4	VHF: 1-25/25- 45, UHF: 1- 25/25-40	VHF: 1-5, UHF: 1-4	VHF: 1-5, UHF: 1-4	VHF: 1-5, UHF: 1-4, 350: 1-4	VHF: 1-5, UHF: 1- 4, 8/900: 1-2.5	VHF: 1-25/25-45, UHF1: 1-25/25-40, UHF2: 1-40, 8/900: 10-35/10-30
Rx Sensitivity (Digital, Typical)	0.19 µV	0.19 µV	0.19 µV	0.19 µV	0.19 µV	0.16 µV	0.16 µV	0.14 µV	0.19 µV (0.3 µV for 8/900)
Display	No	No	Monochro matic	Numeric	None	Monochromatic (LKP)	None	Large Color QVGA	Color (8500) / Numeric (5x00)
Keypad	No	No	Limited	No	No	Limited (LKP) / None (NKP)	No	Full (FKP) / None (NKP)	Limited
Channels	32	16	128	128	32	256 (LKP) / 64 (NKP)	64	1000	1000 (8x00) / 99 (5x00)
GPS/GNSS	No	Optional	Optional	No	Integrated	Integrated (LKP)	No	Integrated Multi-Const.	Integrated (8xxx Series)
Bluetooth®	No	Yes (v?)	Yes (v?)	No	Yes (v2.1+EDR)	Yes v5.2 (LKP)	No	Yes v5.2	Integrated (v2.1+EDR)

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Wi-Fi	No	Optional	Optional	No	Optional	Integrated (2.4/5GHz, WPA3)	Integrated (LKP, 2.4/5GHz, WPA3)	No	No
IP Rating	IP54	IP55	IP55	IP54	IP57	IP68/IP66	IP67	IP55	IP54
MIL-STD 810	C,D,E,F,G	C,D,E,F,G	C,D,E,F,G	C,D,E,F,G	C,D,E,F,G	C,D,E,F,G,H	C,D,E,F,G,H	C,D,E,F,G,H	C,D,E,F,G
Intelligent Audio	No	Yes	Yes	Yes	Yes	Yes (Advanced)	Yes	Yes (Basic - AGC)	Yes
Audio Technology	AGC	IMPRES, Intel. Audio	IMPRES, Intel. Audio	IMPRES, Intel. Audio	IMPRES, Intel. Audio	IMPRES, Adaptive Dual-Mic Noise Supp., Acoustic Feedback Supp., 107 Phon	IMPRES, AI Noise Supp., SINC+, Acoustic Feedback Supp., 106 Phon	SINC+, AGC, Audio Profiles, 101 Phon	IMPRES, Intel. Audio, Noise Supp., Voice Announcement
Intrins. Safe Opt.	No	No	No	No	Yes (FM)	Yes (UL TIA-4950)	Yes (UL TIA-4950)	No	No
OTAP/OTA Update	No	No	No	OTAP (Option)	Yes (Option)	Yes (Wi-Fi)	Yes (Wi-Fi, LKP)	No	No
Privacy	Basic	Basic	Basic	Basic	Basic/Enhanced	Basic/Enhanced/AES256 (Opt)	Basic/Enhanced (Opt)	Basic/Enhanced (Opt)	Basic/Enhanced
Transmit Interrupt	Decode (Opt)	Yes (Opt)	Yes (Opt)	Yes (Opt)	Yes (Premium)	Yes	Yes	Yes (Opt)	Yes
System Compatibility	Conv., DC Direct Mode	Conv., DC Direct Mode, IPSC	Conv., DC Direct Mode, IPSC	Conv., DC Direct Mode, IPSC	Conv., IPSC, Cap+ (SU/MU)	Conv., IPSC, Cap+ (SU/MU), CapMax	Conv., IPSC, Cap+ (SU/MU)	Conv., DC/ER Direct Mode, IPSC (Opt), Cap+ (2R, Opt)	Conv., IPSC, Cap+ (SU), Linked Cap+ Connect+