



MOTOROLA SOLUTIONS

**UL Approvals
Product Listing
(For Use in Hazardous [Classified] Locations)
for ASTRO® SRX™ 2200/APX™ 5000/
APX 6000/APX 6000XE/APX 6000Li
APX 7000/APX 7000XE
Digital Portable Radios
Document Number: PMLN7376**



The SRX 2200 / APX 5000 / APX 6000 / APX 6000XE / APX 6000Li
Radio Models for HAZ LOC are listed by UL to standards:
ANSI/TIA 4950-B and CAN/CSA C22.2 NO. 157-92
Classification Rating Class I, Division 1, Groups C, D;
Class II, Division 1, Group E, F, G;
Class III, Hazardous (Classified) Locations.
UL 121201-2019 and CAN/CSA C22.2 No.213-19
Class I, Division 2, Groups A, B, C, D;
T3C. Tamb = -25° C to +60° C.
Intrinsically Safe (Sécurité Intrinsèque)
when used with Motorola Solutions Battery from; APX TIA Group 2, 7.4V



The APX 7000 / APX 7000XE Radio Models for HAZ LOC are listed by UL to standards:
ANSI/TIA 4950-B and CAN/CSA C22.2 NO. 157-92
Classification Rating Class I, Division 1, Group D;
Class II, Division 1, Group E, F, G;
Class III, Hazardous (Classified) Locations.
UL 121201-2019 and CAN/CSA C22.2 No.213-19
Class I, Division 2, Groups A, B, C, D;
T3C. Tamb = -25° C to +60° C.
Intrinsically Safe (Sécurité Intrinsèque)
when used with Motorola Solutions Battery from; APX TIA Group 2, 7.4V

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PMLN7376G

Operational Cautions for Intrinsic Safe Equipment

Radio unit must be ordered with the intrinsic safety option and shipped from the Motorola Solutions manufacturing facility with the hazardous location certification label. Radio will not be upgraded to this capability or labeled once it has been shipped.

Operational Cautions



Caution

- **Do not** substitute components. Substitution of component could void the intrinsic safety rating and result in unsafe condition of hazardous areas.
- **Do not** change batteries or accessories in hazardous areas. To reduce the risk of ignition of a flammable atmosphere, battery pack must only be changed in non-flammable areas.
- Unauthorized modification, or incorrect repair or service to the intrinsically safe product could adversely affect the certification rating and result in unsafe condition in hazardous areas.
- **Do not** operate equipment in a hazardous atmosphere unless it is a type especially qualified (for example, UL Approved) for such use. An explosion or fire may result.
- **Do not** operate a UL Approved Product in a hazardous atmosphere if it has been physically damaged (for example, cracked housing). An explosion or fire may result.
- **Do not** replace or change accessories in a hazardous atmosphere. Contact sparking may occur while installing or removing accessories and cause an explosion or fire.
- **Do not** disassemble a UL Approved Product unit in anyway that exposes the internal electrical circuits of the unit.

Operational Warnings



WARNING

- **Do not** disassemble, heat above 100 °C (212 °F), crush or incinerate Li-Ion Battery NNTN8930A and NNTN8921A to avoid risk of fire, explosion and burns.
- Failure to use a Motorola Solutions intrinsically safe battery or accessory specifically certified for that radio unit will negate the certification rating and could result in unsafe condition in hazardous areas.
- **Do not** disassemble an intrinsically safe product in any way that exposes the internal circuits of the unit. This could result in unsafe condition in hazardous areas.
- Unauthorized modification, or incorrect repair or service to the intrinsically safe product could adversely affect the certification rating and result in unsafe condition in hazardous areas.
- Use of non-Motorola Solutions parts or substitution of parts will void the intrinsic safety approval rating of the Motorola Solutions unit and could result in unsafe condition in hazardous areas.

APX 6000 Series:

Radio Models

APX6000/XE/Li Radio Models

<i>Frequency, Range, Configuration</i>	<i>Model</i>
700/800, Model 1.5 NKP	H98UCD9PW5AN
700/800, Model 1.5 NKP	H98UCD9PW5BN
700/800, Model 2.5 LKP	H98UCF9PW6AN
700/800, Model 2.5 LKP	H98UCF9PW6BN
700/800, Model 3.5 FKP	H98UCH9PW7AN
700/800, Model 3.5 FKP	H98UCH9PW7BN
VHF, Model 1.5 NKP	H98KGD9PW5AN
VHF, Model 1.5 NKP	H98KGD9PW5BN
VHF, Model 2.5 LKP	H98KGF9PW6AN
VHF, Model 2.5 LKP	H98KGF9PW6BN
VHF, Model 3.5 FKP	H98KGH9PW7AN
VHF, Model 3.5 FKP	H98KGH9PW7BN

APX6000/XE/Li Radio Models (Continued)

<i>Frequency, Range, Configuration</i>	<i>Model</i>
UHF1, Model 1.5 NKP	H98QDD9PW5AN
UHF1, Model 1.5 NKP	H98QDD9PW5BN
UHF1, Model 2.5 LKP	H98QDF9PW6AN
UHF1, Model 2.5 LKP	H98QDF9PW6BN
UHF1, Model 3.5 FKP	H98QDH9PW7AN
UHF1, Model 3.5 FKP	H98QDH9PW7BN
UHF2, Model 1.5 NKP	H98SDD9PW5AN
UHF2, Model 1.5 NKP	H98SDD9PW5BN
UHF2, Model 2.5 LKP	H98SDF9PW6AN
UHF2, Model 2.5 LKP	H98SDF9PW6BN
UHF2, Model 3.5 FKP	H98SDH9PW7AN
UHF2, Model 3.5 FKP	H98SDH9PW7BN

Regional prefix: AA (NAG), AZ (Asia), LA (Latin America), or MD (Europe). No Keypad (NKP), Limited Keypad (LKP), Full Keypad (FKP).

APX 5000 Radio Models

<i>Frequency, Range, Configuration</i>	<i>Model</i>
700/800, Model 1.5 NKP	H98UCD9PW5ANI
700/800, Model 1.5 NKP	H98UCD9PW5BNI
700/800, Model 2.5 LKP	H98UCF9PW6ANI
700/800, Model 2.5 LKP	H98UCF9PW6BNI
700/800, Model 3.5 FKP	H98UCH9PW7ANI
700/800, Model 3.5 FKP	H98UCH9PW7BNI
VHF, Model 1.5 NKP	H98KGD9PW5ANI
VHF, Model 1.5 NKP	H98KGD9PW5BNI
VHF, Model 2.5 LKP	H98KGF9PW6ANI
VHF, Model 2.5 LKP	H98KGF9PW6BNI
VHF, Model 3.5 FKP	H98KGH9PW7ANI
VHF, Model 3.5 FKP	H98KGH9PW7BNI
UHF1, Model 1.5 NKP	H98QDD9PW5ANI
UHF1, Model 1.5 NKP	H98QDD9PW5BNI
UHF1, Model 2.5 LKP	H98QDF9PW6ANI
UHF1, Model 2.5 LKP	H98QDF9PW6BNI

APX 5000 Radio Models (Continued)

<i>Frequency, Range, Configuration</i>	<i>Model</i>
UHF1, Model 3.5 FKP	H98QDH9PW7ANI
UHF1, Model 3.5 FKP	H98QDH9PW7BNI
UHF2, Model 1.5 NKP	H98SDD9PW5ANI
UHF2, Model 1.5 NKP	H98SDD9PW5BNI
UHF2, Model 2.5 LKP	H98SDF9PW6ANI
UHF2, Model 2.5 LKP	H98SDF9PW6BNI
UHF2, Model 3.5 FKP	H98SDH9PW7ANI
UHF2, Model 3.5 FKP	H98SDH9PW7BNI

Regional prefix: AA (NAG), AZ (Asia), LA (Latin America), or MD (Europe). No Keypad (NKP), Limited Keypad (LKP), Full Keypad (FKP).

SRX 2200 Radio Models

<i>Frequency, Range, Configuration</i>	<i>Model</i>
700/800, Model 1.5 NKP	H99UCD9PW5AN
700/800, Model 1.5 NKP	H99UCD9PW5BN
700/800, Model 3.5 FKP	H99UCH9PW7AN
700/800, Model 3.5 FKP	H99UCH9PW7BN
VHF, Model 1.5 NKP	H99KGD9PW5AN
VHF, Model 1.5 NKP	H99KGD9PW5BN
VHF, Model 3.5 FKP	H99KGH9PW7AN
VHF, Model 3.5 FKP	H99KGH9PW7BN
UHF1, Model 1.5 NKP	H99QDD9PW5AN
UHF1, Model 1.5 NKP	H99QDD9PW5BN
UHF1, Model 3.5 FKP	H99QDH9PW7AN
UHF1, Model 3.5 FKP	H99QDH9PW7BN

Regional prefix: AA (NAG), AZ (Asia), LA (Latin America), or MD (Europe). No Keypad (NKP), Limited Keypad (LKP), Full Keypad (FKP).

APX7000 Series:

Radio Models

APX 7000/APX 7000XE Radio Models

<i>Frequency, Range, Configuration</i>	<i>Model</i>
UHF R1/VHF, Model 3 FKP	H49TGD9PW1AN H97TGD9PW1AN
UHF R2/700–800 MHz, Model 3 FKP	H49TGD9PW1AN H97TGD9PW1AN
VHF/700–800 MHz, Model 3 FKP	H49TGD9PW1AN H97TGD9PW1AN
VHF/700–800 MHz, Model 1 NKP	H49TGD9PW1AN H97TGD9PW1AN

Regional prefix: AA (NAG), AZ (Asia), LA (Latin America), or MD (Europe). No Keypad (NKP), Limited Keypad (LKP), Full Keypad (FKP).

For approved batteries, antennas, and accessories, please see Addendum PMLN7770.

Notes

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