



**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 #: 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-A 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.
ANSI/ISA 12.12.01-2015 and CAN/CSA C22.2 No.213-15
Class I, Division 2, Groups A, B, C, D;
T3C. Tamb = -25° C to +60° C.
Intrinsically Safe (Sécurité Intrinsèque)
when used with Motorola Battery: NNTN8921A NNTN8930A 7.4V



The APX 7000 / APX 7000XE Radio Models for HAZ LOC are listed by UL to standards:
ANSI/TIA 4950-A 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.
ANSI/ISA 12.12.01-2015 and CAN/CSA C22.2 No.213-15
Class I, Division 2, Groups A, B, C, D;
T3C. Tamb = -25° C to +60° C.
Intrinsically Safe (Sécurité Intrinsèque)
when used with Motorola Battery: NNTN8921A NNTN8930A 7.4V

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PMLN7376B

Operational Cautions for Intrinsic Safe Equipment

Radio unit must be ordered with the intrinsic safety option and shipped from the Motorola 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 hazard 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 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 parts or substitution of parts will void the intrinsic safety approval rating of the Motorola unit and could result in unsafe condition in hazardous areas.

The following Radio models, Batteries and Audio Accessories, can be used with the Radio model series.

APX 6000/XE/Li

<i>Description</i>	<i>Model</i>
700/800 MHz, Model 1.5, Top Display	H98UCD9PW5AN
700/800 MHz, Model 2.5, Top and Front Displays, Limited Keypad	H98UCF9PW6AN
700/800 MHz, Model 3.5, Top and Front Displays, Full Keypad	H98UCH9PW7AN
VHF, Model 1.5, Top Display	H98KGD9PW5AN
VHF, Model 2.5, Top and Front Displays, Limited Keypad	H98KGF9PW6AN
VHF, Model 3.5, Top and Front Displays, Full Keypad	H98KGH9PW7AN
UHF R1, Model 2.5, Top and Front Displays, Limited Keypad	H98QDF9PW6AN

Note: Regional prefix: AA(NAG), AZ(Asia),LA(Latin America), or MD(Europe)

APX 5000

<i>Description</i>	<i>Model</i>
700/800 MHz, Model 1.5, Top Display	H98UCD9PW5ANI
700/800 MHz, Model 2.5, Top and Front Displays, Limited Keypad	H98UCF9PW6ANI
700/800 MHz, Model 3.5, Top and Front Displays, Full Keypad	H98UCH9PW7ANI
VHF, Model 1.5, Top Display	H98KGD9PW5ANI
VHF, Model 2.5, Top and Front Displays, Limited Keypad	H98KGF9PW6ANI
VHF, Model 3.5, Top and Front Displays, Full Keypad	H98KGH9PW7ANI

Note: Regional prefix: AA(NAG), AZ(Asia),LA(Latin America), or MD(Europe)

SRX 2200

<i>Description</i>	<i>Model</i>
700/800 MHz, Model 1.5, Top Display, Brown	H99UCD9PW5AN
700/800 MHz, Model 3.5, Top and Front Displays, Full Keypad	H99UCH9PW7AN
VHF, Model 1.5, Top Display, Brown	H99KGD9PW5AN
VHF, Model 3.5, Top and Front Displays, Full Keypad	H99KGH9PW7AN

Note: Regional prefix: AA(NAG), AZ(Asia),LA(Latin America), or MD(Europe)

Antennas

<i>Description</i>	<i>Model</i>
7/8 GPS ANTENNA	NAF5085A
1/4 WAVE 7/8 STUBBY	NAR6595A
VHF GPS ANTENNA	NAR6593A
UHF (380-520) GPS ANTENNA	PMAE4065A
UHFR1 GPS STUBBY ANTENNA	FAF5259A

APX 7000

<i>Description</i>	<i>Model</i>
700/800 MHz/VHF, Model 1.5, Top Display	H97TGD9PW1AN
VHF/7/800 MHz, Model 3.5, Top Display, Full Keypad	H97TGD9PW1AN
UHF R2/7/800 MHz, Model 3.5, Top Display, Full Keypad	H97TGD9PW1AN

Note: Regional prefix: AA(NAG), AZ(Asia),LA(Latin America), or MD(Europe)

APX 7000XE

<i>Description</i>	<i>Model</i>
700/800 MHz/VHF, Model 1.5, Top Display	H49TGD9PW1AN
700/800 MHz/VHF, Model 3.5, Top Display, Full Keypad	H49TGD9PW1AN
UHF R1/VHF, Model 3.5, Top Display, Full Keypad	H49TGD9PW1AN

Note: Regional prefix: AA(NAG), AZ(Asia),LA(Latin America), or MD(Europe)

Antennas

<i>Description</i>	<i>Model</i>
DUAL BAND 7/800 VHF (136-174MHz) GPS ANTENNA	NAR6594A
1/4 WAVE 7/8 STUBBY (NAR6595)	NAR6595A
7/800 UHF(380-520) GPS ANTENNA	PMAS4001A
UHFR2 GPS STUBBY ANTENNA (FAF5260)	FAF5260A
UHF (380-520) GPS ANTENNA	PMAE4065A
7/800 GPS ANTENNA	NAF5085A
UHFR1 GPS STUBBY ANTENNA	FAF5259A
VHF (136-174) UHFR1(380-520) GPS ANTENNA	PMAT4001A

Batteries

<i>Description</i>	<i>Model</i>
TIA4950 BATT IMPRES 2 LIION STD	NNTN8930A
TIA4950 BATT IMPRES 2 LIION 4500T (HIGH CAP)	NNTN8921A

**Accessories for SRX 2200 / APX 5000 / APX 6000 / APX 6000XE /
APX 6000Li / APX 7000 / APX 7000XE**

<i>Description</i>	<i>Model</i>
IMPRES 3-Wire Surveillance Kit with translucent tube, programmable button, black	PMLN6123A
IMPRES 3-Wire Surveillance Kit with translucent tube, programmable button, beige	PMLN6124A
1-Wire Receive-only earpiece, black	PMLN6125A
1-Wire Receive-only earpiece, beige	PMLN6126A
IMPRES 2-Wire Surveillance Kit, programmable button, black	PMLN6127A
IMPRES 2-Wire Surveillance Kit, programmable button, beige	PMLN6128A
IMPRES 2-Wire Surveillance Kit with translucent tube, programmable button, black	PMLN6129A
IMPRES 2-Wire Surveillance Kit with translucent tube, programmable button, beige	PMLN6130A
Earpiece with Standard Earphone, Beige	BDN6666A
Three Wire Surveillance Earpiece with Microphone and PTT, Beige	BDN6668A
Earpiece with Standard Earphone, Black	BDN6726A
Earpiece with Extra Loud Earphone, Black	BDN6727A
Earpiece with Standard Earphone, Black	BDN6728A
Two Wire Surveillance Earpiece with Microphone and PTT, Black	BDN6729A
Three Wire Surveillance Earpiece with Microphone and PTT, Black	BDN6730A
Two Wire Surveillance Earpiece with Microphone and PTT, Black	BDN6731A
Three Wire Surveillance Earpiece with Microphone and barrel PTT, Black	BDN6732A
Remote Speaker Microphone, IP57, Brown	NNTN8235A
IMPRES Remote Speaker Microphone, Brown	NNTN8236A
Small Remote Speaker Microphone, IP54, 3.5 mm Jack, Receive Only	PMMN4024A
Remote Speaker Microphone, Submersible (IP57)	PMMN4040A
Large Noise Canceling Remote Speaker Microphone, IP54, 3.5 mm Jack, Receive Only	PMMN4062A
Standard Large IP57 Remote Speaker Microphone (based on PMM4046 with large speaker)	PMMN4065A

**Accessories for SRX 2200 / APX 5000 / APX 6000 / APX 6000XE /
APX 6000Li / APX 7000 / APX 7000XE**

<i>Description</i>	<i>Model</i>
Remote Speaker Microphone, 3.5 mm Jack	PMMN4069A
D-Shell Receive Only Earpiece (3.5mm)	PMLN4620B
D-Shell Core Earset (earset with boom mic) [GCAI]	PMLN5096B
Heavy Duty Headset	PMLN5275C
Otto Headset, (BTH),	PMLN6853A
Receive Only Earbud for Remote Speaker Microphone, 3.5 mm Jack, Short Coiled Cable	RLN4885B
Receive Only Earpiece with Translucent Tube, 3.5 mm Jack, Short Coiled Cable, Receive Only	RLN4941A
PSM IP55 WITH 3.5MM JACK RX 18	PMMN4059A
PSM IP55 WITH 3.5MM JACK RX 24	PMMN4060A
PSM IP55 WITH 3.5MM JACK RX 30	PMMN4061A
AUDIO ACCY ADPT 3.5MM W/PTT	BDN6783B
RECEIVE ONLY EARBUD FOR REM SPK MIC	(AA)RLN4885B
1 Wire Receive only Surveillance Kit with Translucent Tube, BLK, Requires BDN6783	RLN5313B
Secondary Audio Accessory for Display Remote Speaker Microphone	RLN6424B
Main housing assembly, black, model 1	NHN7030AS
Main housing assembly, black, model 2	NHN7027AS
Main housing assembly, black, model 3	NHN7024AS
Main housing assembly, yellow, model 1	NHN7031AS
Main housing assembly, yellow, model 2	NHN7028AS
Main housing assembly, yellow, model 3	NHN7025AS
Main housing assembly, green, model 1	NHN7032AS
Main housing assembly, green, model 2	NHN7029AS
Main housing assembly, green, model 3	NHN7026AS
Main housing assembly, orange, model 1	NHN7070AS
Main housing assembly, orange, model 2	NHN7071AS
Main housing assembly, orange, model 3	NHN7072AS
Main housing assembly, blue, model 1	NHN7073AS
Main housing assembly, blue, model 2	NHN7074AS

**Accessories for SRX 2200 / APX 5000 / APX 6000 / APX 6000XE /
APX 6000Li / APX 7000 / APX 7000XE**

<i>Description</i>	<i>Model</i>
Main housing assembly, blue, model 3	NHN7075AS
Main housing assembly, red, model 1	NHN7076AS
Main housing assembly, red, model 2	NHN7077AS
Main housing assembly, red, model 3	NHN7078AS
Main housing assembly, brown, model 1	NHN7080AS
Main housing assembly, brown, model 3	NHN7079AS
Main housing assembly, black, model 3	NHN7011AS
Main housing assembly, yellow, model 3	NHN7054AS
Main housing assembly, green, model 3	NHN7062AS
Main housing assembly, orange, model 3	NHN7055AS
Main housing assembly, blue, model 3	NHN7056AS
Main housing assembly, red, model 3	NHN7057AS
Main housing assembly, black, model 1	NHN7012AS
Main housing assembly, yellow, model 1	NHN7058AS
Main housing assembly, green, model 1	NHN7063AS
Main housing assembly, orange, model 1	NHN7059AS
Main housing assembly, blue, model 1	NHN7060AS
Main housing assembly, red, model 1	NHN7061AS
Main housing assembly, black, model 1	15009584001
Main housing assembly, green, model 1	15009584003
Main housing assembly, yellow, model 1	15009584002