



**FM Approvals
Canadian Standards Association
Product Listing
(For Use in Hazardous [Classified] Locations)
for ASTRO® SRX™ 2200/APX™ 5000/
APX 6000/APX 6000XE/APX 6000Li
Digital Portable Radios**



The SRX 2200/APX 5000/APX 6000/APX 6000XE/APX 6000Li radio models, when properly equipped with the FM-listed batteries NNTN7033, NNTN7035, NNTN7036 and NNTN8092A, are FM Approved as intrinsically safe for permitted use in hazardous classified location areas for Division 1, Class I, Groups C, D, and Class II, Groups E, F, G, and Class III, Temp Code T3C.

The APX radios are also FM Approved for use in Division 2, Class I, Groups A, B, C, D. Temp Code T3C.

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Operational Cautions for Intrinsic Safe Equipment

Radio units 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 they have been shipped.

Operational Cautions



Caution

- **DO NOT** operate radio communications equipment in hazardous areas unless it is certified as intrinsically safe. This could result in unsafe condition in hazardous areas.
- The use of a non-Motorola intrinsically safe battery and/or accessory with the Motorola-approved radio unit will void the intrinsically safety rating of the radio unit and could result in unsafe condition in hazardous areas. The use of a non-Motorola battery or accessory could also void the warranty and Regulatory compliance limits.
- **DO NOT** operate an approved intrinsically safe radio unit in hazardous areas if it has been physically damaged (for example, cracked housing, water intrusion, damaged antenna). The intrinsic safety rating will be compromised and could result in unsafe condition in hazardous areas.
- **DO NOT** remove or replace batteries, antennas, or accessories in hazardous areas. Contact sparking may occur and could result in unsafe condition in hazardous areas.

Operational Warnings



WARNING

- 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.

Note: The following radios and accessories are approved as intrinsically safe by Factory Mutual Approvals and the Canadian Standards Association. Refer to the radio label for intrinsic safety ratings and required batteries. Only the accessories and antennas listed below may be used on approved radios:

**APX 5000/APX 6000/APX 6000XE Radio Model
and Super Tanapas**

<i>Model Number</i>	<i>Super Tanapa Number APX 5000/6000</i>	<i>Super Tanapa Number APX 6000XE</i>
700/800 MHz, Model 1.5, Top Display		
H98UCD9PW5AN	MNUF1002_	MNUF1020_
	MNUF1003_	MNUF1021_
	MNUF1008_	MNUF1026_
	MNUF1009_	MNUF1027_
	MNUF1014_	MNUF1030_
	MNUF1015_	MNUF1033_
700/800 MHz, Model 2.5, Top and Front Displays, Limited Keypad		
H98UCF9PW6AN	MNUF1004_	MNUF1022_
	MNUF1005_	MNUF1023_
	MNUF1010_	MNUF1028_
	MNUF1011_	MNUF1029_
	MNUF1016_	MNUF1034_
	MNUF1017_	MNUF1035_
700/800 MHz, Model 3.5, Top and Front Displays, Full Keypad		
H98UCH9PW7AN	MNUF1006_	MNUF1024_
	MNUF1007_	MNUF1025_
	MNUF1012_	MNUF1030_
	MNUF1013_	MNUF1031_
	MNUF1018_	MNUF1036_
	MNUF1019_	MNUF1037_

**APX 5000/APX 6000/APX 6000XE Radio Model
and Super Tanapas (Continued)**

<i>Model Number</i>	<i>Super Tanapa Number APX 5000/6000</i>	<i>Super Tanapa Number APX 6000XE</i>
VHF, Model 1.5, Top Display		
H98KGD9PW5AN	MNUD1001_	MNUD1019_
	MNUD1002_	MNUD1020_
	MNUD1007_	MNUD1025_
	MNUD1008_	MNUD1026_
	MNUD1013_	MNUD1031_
	MNUD1014_	MNUD1032_
VHF, Model 2.5, Top and Front Displays, Limited Keypad		
H98KGF9PW6AN	MNUD1003_	MNUD1021_
	MNUD1004_	MNUD1022_
	MNUD1009_	MNUD1027_
	MNUD1010_	MNUD1028_
	MNUD1015_	MNUD1033_
	MNUD1016_	MNUD1034_
VHF, Model 3.5, Top and Front Displays, Full Keypad		
H98KGH9PW7AN	MNUD1005_	MNUD1023_
	MNUD1006_	MNUD1024_
	MNUD1011_	MNUD1029_
	MNUD1012_	MNUD1030_
	MNUD1017_	MNUD1035_
	MNUD1018_	MNUD1036_

**APX 5000/APX 6000/APX 6000XE Radio Model
and Super Tanapas (Continued)**

<i>Model Number</i>	<i>Super Tanapa Number APX 5000/6000</i>	<i>Super Tanapa Number APX 6000XE</i>
UHF1, Model 1.5, Top Display		
H98QDD9PW5AN	MNUE1005_	MNUE1052_
	MNUE1006_	MNUE1053_
	MNUE1011_	MNUE1058_
	MNUE1012_	MNUE1059_
	MNUE1032_	MNUE1064_
	MNUE1033_	MNUE1066_
UHF1, Model 2.5, Top and Front Displays, Limited Keypad		
H98QDF9PW6AN	MNUE1007_	MNUE1054_
	MNUE1008_	MNUE1055_
	MNUE1013_	MNUE1060_
	MNUE1014_	MNUE1061_
	MNUE1034_	MNUE1067_
	MNUE1035_	MNUE1068_
UHF1, Model 3.5, Top and Front Displays, Full Keypad		
H98QDH9PW7AN	MNUE1009_	MNUE1056_
	MNUE1010_	MNUE1057_
	MNUE1015_	MNUE1062_
	MNUE1016_	MNUE1063_
	MNUE1036_	MNUE1069_
	MNUE1037_	MNUE1070_
UHF2, Model 1.5 Top Display		
H98SDD9PW5AN	MNUE1017_	MNUE1090_
	MNUE1018_	MNUE1091_
	MNUE1023_	MNUE1096_
	MNUE1024_	MNUE1097_
	MNUE1038_	MNUE1103_
	MNUE1039_	MNUE1104_

**APX 5000/APX 6000/APX 6000XE Radio Model
and Super Tanapas (Continued)**

<i>Model Number</i>	<i>Super Tanapa Number APX 5000/6000</i>	<i>Super Tanapa Number APX 6000XE</i>
UHF2, Model 2.5, Top and Front Displays, Limited Keypad		
H98SDF9PW6AN	MNUE1019_	MNUE1092_
	MNUE1020_	MNUE1093_
	MNUE1025_	MNUE1098_
	MNUE1026_	MNUE1099_
	MNUE1040_	MNUE1105_
	MNUE1041_	MNUE1106_
UHF 2, Model 3.5, Top and Front Displays, Full Keypad		
H98SDH9PW7AN	MNUE1021_	MNUE1094_
	MNUE1022_	MNUE1095_
	MNUE1027_	MNUE1100_
	MNUE1028_	MNUE1101_
	MNUE1043_	MNUE1107_
	MNUE1044_	MNUE1108_

* Suffix I at the end of the model number refers to APX 5000 Radio Series.

**SRX 2200 Radio Model
and Super Tanapas**

<i>Model Number</i>	<i>Super Tanapa Number SRX 2200</i>
VHF, Model 1.5, Top Display	
H99KGD9PW5AN	MNUD1051_
VHF, Model 3.5, Top and Front Displays, Full Keypad	
H99KGH9PW7AN	MNUD1052_
UHF1 R1, Model 1.5, Top Display	
H99QDD9PW5AN	MNUE1138_

SRX 2200 Radio Model and Super Tanapas (Continued)

<i>Model Number</i>	<i>Super Tanapa Number SRX 2200</i>
UHF1 R1, Model 3.5, Top and Front Displays, Full Keypad	
H99QDH9PW7AN	MNUE1139_
Ultra Low Power, Model 3.5, Top and Front Displays, Full Keypad	
H99QDW9PW7ANULP	MNUE1155_

Antennas

<i>Option</i>	<i>Description</i>	<i>Kit</i>
QA00788AC	700/800 MHz, GPS Whip Antenna	NAF5085A
QA00785AA	Public Safety Microphone, GPS Stubby Antenna	NAG4000A
QA01838AA	VHF/GPS Antenna	NAR6593A
H122BR	1/4 Wave, 700/800 MHz Stubby/GPS Antenna	NAR6595A
QA01375AB	UHF1/UHF2/GPS Antenna	PMAE4065A
QA02017AC	UHF1/GPS Stubby Antenna	FAF5259A
QA02017AD	UHF2/GPS Stubby Antenna	FAF5260A

Batteries

<i>Option</i>	<i>Description</i>	<i>Kit</i>
QA00582AA	3900 mAh, IMPRES™, IP57	NNTN7033A
QA00581AA	2000 mAh, IMPRES NiMH (FM), IP57 Rugged	NNTN7035A
Q393BW	2000 mAh, IMPRES NiMH (FM), IP57	NNTN7036A
QA01954AC	2300 mAh, Li-Ion (FM)	NNTN8092A

Accessories

<i>Kit</i>	<i>Description</i>
BDN6664A	Earpiece with Standard Earphone, Beige
BDN6665A	Earpiece with Extra Loud Earphone, Beige
BDN6666A	Earpiece with Standard Earphone, Beige
BDN6667A	Two Wire Surveillance Earpiece with Microphone and PTT, Beige
BDN6668A	Three Wire Surveillance Earpiece with Microphone and PTT, Beige

Accessories (Continued)

<i>Kit</i>	<i>Description</i>
BDN6669A	Two Wire Surveillance Earpiece with Microphone and PTT, Beige
BDN6670A	Three Wire Surveillance Earpiece with Microphone and barrel PTT, Beige
BDN6719A	Earpiece with 3.5 mm threaded plug
BDN6726A	Earpiece with Standard Earphone, Black
BDN6727A	Earpiece with Extra Loud Earphone, Black
BDN6728A	Earpiece with Standard Earphone, Black
BDN6729A	Two Wire Surveillance Earpiece with Microphone and PTT, Black
BDN6730A	Three Wire Surveillance Earpiece with Microphone and PTT, Black
BDN6731A	Two Wire Surveillance Earpiece with Microphone and PTT, Black
BDN6732A	Three Wire Surveillance Earpiece with Microphone and barrel PTT, Black
BDN6780A	Single Earbud with PTT lapel microphone
BDN6781A	Single Earbud, Receive Only
BDN6783B	Adapter
HMN4101B	Remote Speaker Microphone with Jack
HMN4103B	Display Remote Speaker Microphone with Jack
HMN4104B	Display Remote Speaker Microphone with Jack and Channel Selector
NTN2570B	Wireless Bluetooth with Earpiece, 12 inch Cable
NTN2573B	Wireless Bluetooth with Earpiece, 9.5 inch Cable
NTN2574B	Wireless Bluetooth
NNTN8203A	XE Remote Speaker Microphone
NNTN8235A	Remote Speaker Microphone, IP57, Brown
NNTN8236A	IMPRES Remote Speaker Microphone, Brown
PMLN5101A	IMPRES Temple Transducer
PMLN5111A	3-Wire, One Programmable Button, Black
PMLN5112A	3-Wire, One Programmable Button, Beige
PMLN5275B/C	Heavy Duty Headset
PMLN5653A	GCAI Bone Conductor Kit

Accessories (Continued)

<i>Kit</i>	<i>Description</i>
PMMN4024A	Small Remote Speaker Microphone, IP54, 3.5 mm Jack, Receive Only
PMMN4025A	Small Remote Speaker Microphone, IP54, 3.5 mm Jack
PMMN4059A/B	Public Safety Microphone, 18 inch, IP55, 3.5 mm Jack
PMMN4060A/B	Public Safety Microphone, 24 inch, IP55, 3.5 mm Jack
PMMN4061A/B	Public Safety Microphone, 30 inch, IP55, 3.5 mm Jack
PMMN4062A	Large Noise Canceling Remote Speaker Microphone, IP54, 3.5 mm Jack, Receive Only
PMMN4065A	Standard Large IP57 Remote Speaker Microphone (based on PMM4046 with large speaker)
PMMN4069A	Remote Speaker Microphone, 3.5 mm Jack
PMMN4080A	IMPRES Remote Speaker Microphone
PMMN4084A	Noise Cancelling Remote Speaker Microphone, IP54, 3.5mm Jack
RLN6424A	Secondary Audio Accessory for Display Remote Speaker Microphone
RLN4885A	Receive Only Earbud for Remote Speaker Microphone, 3.5 mm Jack, Short Coiled Cable
RLN4941A	Receive Only Earpiece with Translucent Tube, 3.5 mm Jack, Short Coiled Cable, Receive Only
RLN5878A	1-Wire Earpiece, Black
RLN5879A	1-Wire Earpiece, Beige
RLN5880A	2-Wire, One Programmable Button, Black
RLN5881A	2-Wire, One Programmable Button, Beige
RLN5882A	2-Wire with Translucent Tube, One Programmable Button, Black
RLN5883A	2-Wire with Translucent Tube, One Programmable Button, Beige
RLN5886A	Low Noise Kit Tube
RLN5887A	High Noise Kit Tube
RMN5058A	Lightweight Headset
RMN5116A	Transducer Bone Conductor

Option

<i>Option</i>	<i>Description</i>
QA00782AC	GPS
QA01954AC	Bluetooth