



MSHA
Mine Safety and Health Administration
Product Listing
For HT750
Professional Radio® Models



The MSHA Approval Labels are located at the bottom and back of all HT750 series radios (VHF, UHF1, and UHF2) to identify each unit as MSHA-approved and tested for intrinsic safety for use in methane-air mixtures.

Operational Cautions



Caution

Blasting/RFI Distances

- Maintain the following minimum distance between the radio antenna and the blasting circuits, explosives, and detonators, based on the IME Publication No. 20.

<i>Distance</i>	<i>Model</i>	<i>Description</i>
27 ft.	AAH25KDC9AA3_N	VHF, 5W, 136 – 174 MHz
18 ft.	AAH25RDC9AA3_N	UHF1, 4W, 403 – 470 MHz
18 ft.	AAH25SDC9AA3_N	UHF2, 4W, 450 – 512 MHz

Batteries

- Charge batteries in fresh air only.
- **DO NOT** place battery charging devices in hazardous-classified areas.

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Note: The following radio models, batteries, antennas, and audio accessories have been MSHA-approved for use with HT750 radio unit. Radios must be ordered with the MSHA option and shipped from the Motorola facility with the MSHA Approval.

Models and Associated Super Tanapas

<i>Model</i>	<i>Super Tanapa</i>
AAH25KDC9AA3_N	PMUD1480_
AAH25RDC9AA3_N	PMUE1434_
AAH25SDC9AA3_N	PMUE1477_

Antennas

<i>Kit Number</i>	<i>Description</i>
NAD6502AR	VHF, 150 – 162 MHz, Heliflex Antenna
NAD6579A	VHF, 148 – 161 MHz, Whip Antenna (Enhanced Performance, 7.5")
PMAD4014A	VHF, 136 – 155 MHz, Whip Antenna
PMAE4015A	VHF, 155 – 174 MHz, Whip Antenna
NAE6483AR	UHF, 403 – 520 MHz, Whip Antenna
PMAE4003A	UHF, 403 – 470 MHz, Stubby Antenna (Natural Color Code)

Audio Accessories

<i>Kit Number</i>	<i>Description</i>
PMMN4027A	Remote Speaker Microphone with Coiled Cord and Swivel Clothing Clip, IP57
RMN4020B	PTT or VOX Heavy Duty Dual Muff Headset with Noise Canceling Microphone and PTT on Earcup

Batteries

<i>Kit Number</i>	<i>Description</i>
NNTN7380A	7.2 V, NiMH, MSHA

Options

<i>Option Number</i>	<i>Description</i>
QA01103AA	Option, Battery Assembly; Add MSHA NiMH Battery, VHF
QA01103AB	Option, Battery Assembly; Add MSHA NiMH Battery, UHF