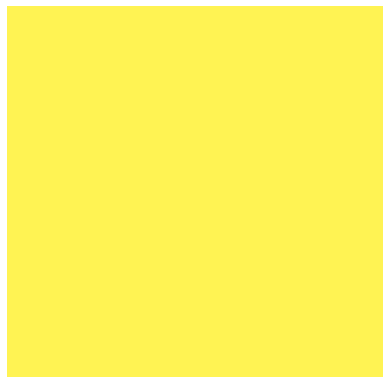


# MINITOR V™

## Two-Tone Voice Pager

Strengthening The Link: A New Generation Voice Pager  
for a More Secure Community



# MINITOR V™

## Two-Tone Voice Pager

### **Community improvements – a major upgrade in performance and options.**

As the primary pager supplier for many community fire departments, we at Motorola take that responsibility seriously by providing the best performing, most reliable paging products. Where improvements can be made, we make them. When customers request options, we surpass expectations.

The result is the MINITOR V, a new generation of pager, ideal for fire departments as well as businesses and other organizations that must react quickly in times of emergency.

A few of the important features and enhancements you should know:



# Responsive



## MINITOR V

**Bandwidth options** – You now have the option to program the MINITOR V on narrow or wide-band channels for both UHF and VHF.

**Improved paging sensitivity** – To receive signals consistently over a wide area, even with a weak signal.

**Expanded alert tones** – As many as 12 programmable tones, including new musical options, are available to communicate specific alerts.

**Tremendous stored voice capacity** – Recording time increased to eight minutes.

**Rugged dependability** – Sturdy housing and solid, responsive knob action. The MINITOR V meets Military Standard 810, Procedures 1 for driving rain.

**Did you know?** Of the more than 1.1 million U.S. firefighters, nearly 73% are volunteers.

Source: National Fire Protection Association

# MINITOR V

Customizable options along  
with dependable reception



## Single and Dual Channel Models

### 1- Wide and Narrow-band Programmable Channel Spacing

VHF and UHF models only

### 2- Expanded Stored Voice Capacity

Records up to 8 minutes of voice message for playback

### Silent Scan (Dual Frequency model)

Scans both channels silently, alerts on either channel

### Priority Scan (Dual Frequency model)

Plays all traffic on Channel 2, alerts on Channel 1

### Speaker/Earphone Jack

### 12 Alert Tones Per Channel

Supports 8 two-tone pairs and 4 long-tone alerts

### Programmable Music Alerts

Supports 10 different musical alerts

### Function Mode Announcement (Stored Voice option)

Announces operating programmed mode

# In Control



## MINITOR V Additional Features

**Meets MIL-STD 810E, Procedures 1 for driving rain**

**Tone, Vibrate or Vibrate then Tone Alerting Options**

**Field Programmable Frequencies and Tones**

**Certified UL Intrinsically Safe**

Division 1, Class I, Group C, D, Class II, Group E, F, G

## MINITOR V Standard Package

**Battery Pack**

**Charger**

**User Guide**

**One-Year Warranty**

**Did you know?** Underwriters Laboratory has certified the MINITOR V as intrinsically safe for hazardous locations.

Division 1, Class I, Group C, D, Class II, Group E, F, G

# MINITOR V

## Specifications



### GENERAL SPECIFICATIONS

	Low Band		VHF		UHF	
	Standard	Stored Voice	Standard	Stored Voice	Standard	Stored Voice
Single Channel	A01KMS7238_A	A01KMS9238_A	A03KMS7238_C	A03KMS9238_C	A04KMS7238_A	A04KMS9238_A
Dual Channel	A01KMS7239_A	A01KMS9239_A	A03KMS7239_C	A03KMS9239_C	A04KMS7239_A	A04KMS9239_A
Frequency Range	33-49 MHz		143-174 MHz		406-430 & 450-512 MHz	
Maximum Frequency Separation	4 MHz		143-166.9975: 8 MHz 167-173.9975: 7 MHz		406-430: 8 MHz 450-493.9975: 8 MHz 494-503.9975: 10 MHz 504-512: 8 MHz	
Sensitivity Alerting						
Typical (Wide/Narrow Band)	4.0 $\mu$ V/m	4.5 $\mu$ V/m	3.5 / 4.5 $\mu$ V/m		3.0 / 4.0 $\mu$ V/m	
Maximum (Wide/Narrow Band)	5.0 $\mu$ V/m	5.5 $\mu$ V/m	4.5 / 5.5 $\mu$ V/m		4.0 / 5.0 $\mu$ V/m	
Selectivity	65 dB		65 dB		65 dB	
Spurious Image Rejection	55 dB		55 dB		55 dB	
Audio Output @ 12" (Alert/Voice)	96/94 dB		96/94 dB		96/94 dB	
Audio Distortion	3%		3%		3%	
Frequency Stability	+/- 0.0010%		+/- 0.0010%		+/- 0.0005%	
Channel Spacing Wide/Narrow Band <sup>1</sup>	20 kHz		30 / 15 kHz		25 / 12.5 kHz	
Programmable Addresses	12 Per Channel		12 Per Channel		12 Per Channel	
Voice Storage Time	N/A	8 Minutes	N/A	8 Minutes	N/A	8 Minutes
Power Supply	3.6v NiMH Battery Pack		3.6v NiMH Battery Pack		3.6v NiMH Battery Pack	
Battery Life <sup>2</sup> (between charge cycles)	10 Days		10 Days		10 Days	

1. Low band models do not support narrow band channel spacing

2. Duty Cycle: 8 Hour Day / 5 messages @ 30 seconds each

UL certified intrinsically safe for hazardous locations: Division 1, Class I, Group C, D, Class II, Group E, F, G

## MINITOR V Accessories

Part Number	Description	Benefits
RLN5703A	Standard Charger	Charges battery pack while in pager, as well as spare.
RLN5704A	Charger Amplifier, Lowband	Charges battery pack while in pager, as well as spare. Also has 2.5 watt audio amplifier for louder output in high noise environments.
RLN5705A	Charger Amplifier, VHF	
RLN5706A	Charger Amplifier, UHF	
RLN5707A	Battery Pack	

### Accelerated Life Test

Motorola's Accelerated Life Test (ALT) is a developmental process of rigorous laboratory testing that simulates years of field use. Motorola has a firm commitment to quality and reliability. These radios have been designed, manufactured and tested to achieve high levels of component and workmanship quality. Motorola radios are designed to minimize costly repairs and downtime.

**Did you know?** The MINITOR V meets Military Standard 810, Procedure 1 for Driving Rain.



## MINITOR V Service and Warranties

Motorola stands firmly behind its products. Whether it's a warranty, availability of parts and service, support of dealer-provided service or other offerings, we're here to help you succeed.

Ensure MINITOR V two-tone voice pagers are in peak operating condition with Extended Warranty Service. This is an optional service plan available for depot service coverage for a period of 2 or 4 years beyond the original Motorola warranty. These plans are available on MINITOR V pagers for an additional fee, and are available for purchase at the time of an equipment order. Service is provided by the Radio Support Center. When your equipment needs service, rely on Motorola's factory-trained service personnel to help ensure their equipment remains within factory operating specifications.



**Motorola Original** – When an accessory is purchased with this seal, it certifies a Motorola Original<sup>®</sup> Accessory. These high-quality accessories allow your customers to properly charge and safely transport the PR Professional Series radios. Motorola Original Accessories carry a one-year limited warranty.

# Rassbach Communications



**MOTOROLA**  
*Authorized Dealer & Service Center*



**MOTOROLA**  
*Authorized Channel Partner  
Wireless Broadband Devices*



**MOTOROLA**

MOTOROLA and the Stylized M Logo are registered in the U.S. Patent and Trademark Office. All other product or service names are the property of their registered owners. © Motorola, Inc. 2006

MD-MINITORVBROCHA

## Rassbach Communications

405 N. Hastings Pl.  
Eau Claire, WI 54703  
(800) 924-2612

[www.rassbachcommunications.com](http://www.rassbachcommunications.com)