

# Reliable



**It's the one most important quality you should demand in a pager – reliability.** When an urgent call goes out, there should be no doubt it will be received. To meet this critical expectation, Motorola has designed the MINITOR V™ two-tone voice pager to be both highly sensitive and extremely rugged.

**Improved sensitivity** – to receive signals consistently over a wide area, even in fringe or weak signal areas.

**Rugged construction** – to withstand driving rain, tough work environments and jarring, heavy use.

The MINITOR V also features an expanded number of alert tones and up to eight minutes of stored voice capacity. No wonder hundreds of fire departments along with a growing number of businesses put their trust in Motorola to make sure the page goes through.

For more information, please contact:

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MD-MINITORVTRIFOLD



**STRENGTHENING THE LINK:**  
**A NEW GENERATION VOICE PAGER  
FOR A MORE SECURE COMMUNITY**

# MINITOR V™

Two-Tone Voice Pager

# MINITOR V



## MINITOR V™ Features

### Single and Dual Channel models

### Wide and Narrow-band Programmable

#### Channel Spacing

VHF and UHF models only

#### Silent Scan (Dual Frequency model)

Scans both channels silently, alerts on either channel

#### Expanded Stored Voice Capacity

Records up to 8 minutes of voice message for playback

#### 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

## GENERAL SPECIFICATIONS

	Low Band		VHF		UHF	
	Standard	Stored Voice	Standard	Stored Voice	Standard	Stored Voice
Single Channel	A01KMS7238_A	A01KMS9238_A	A03KMS7238_A	A03KMS9238_A	A04KMS7238_A	A04KMS9238_A
Dual Channel	A01KMS7239_A	A01KMS9239_A	A03KMS7239_A	A03KMS9239_A	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 µV/m	4.5 µV/m	3.5 / 4.5 µV/m		3.0 / 4.0 µV/m	
Maximum (Wide/Narrow Band)	5.0 µV/m	5.5 µV/m	4.5 / 5.5 µV/m		4.0 / 5.0 µV/m	
Selectivity	65 dB		65 dB		65 dB	
Spurious Image Rejection	55 dB		55 dB		55 dB	
Audio Output @ 12" (Alert/Voice)	94/96 dB		94/96 dB		94/96 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 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's 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.

### 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 pagers have been designed, manufactured and tested to achieve high levels of component and workmanship quality. Motorola pagers are designed to minimize costly repairs and downtime.