

MINITOR IV
BETTER BY DESIGN



Reliable. Durable. Ready on demand. These are precisely the qualities that fire departments and other emergency-response professionals need in a paging device.

Motorola's upgraded MINITOR IV has all those traits and more. One of the most robust paging devices to date, MINITOR IV's enhanced design delivers improved functionality for even greater dependability. Confidently dispatch your fire and safety personnel with MINITOR IV, and you'll benefit from these outstanding built-in features:

INTRINSICALLY SAFE CERTIFICATION

The MINITOR IV is UL Certified as intrinsically safe for use in hazardous classified locations. The intrinsic safety rating of the MINITOR IV is approved for use: Division 1, Class I, Group C, D, Class II, Group E, F, G.

IMPROVED FUNCTIONALITY FOR BETTER RELIABILITY

Several performance-enhancing features make the MINITOR IV especially durable and user-friendly.

- The redesigned Function Select switch enables users to feel a firm, solid click when toggling between functions
- Redesigned knobs- a sturdier, one-piece construction- are larger and more tapered, making it easier for gloved hands to secure a firm grip
- Rugged housing design adds value to the unit's overall durability.

FIELD PROGRAMMABLE FUNCTION SWITCH ADAPTS TO MOST SITUATIONS

Four separate and customizable functions- scan; monitor; selective call; tone/vibrate- allow users to adapt the device's capabilities to meet changing field based requirements.

2-CHANNEL PRIORITY SCAN

2-Channel MINITOR IV's enable users to scan both channels for pages while giving priority to pages received on channel 1.

MONITOR MODE

MINITOR IV's monitor mode feature permits users to listen to all communication on the selected channel.



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MINITOR IV ALSO HAS THESE ADDITIONAL FEATURES.

- Manual reset
- Synthesized receiver
- Field-programmable frequencies and codes
- 4 individual and 2 group codes per channel
- 2 minutes dynamic voice storage
- Tone or vibrate alert
- Speaker/earphone jack
- MIL standard 810 F Procedures II for rain
- 2 AAA batteries NiCd/Alkaline
- User-friendly styling
- Compatible with MINITOR III chargers and accessories
- Ships with standard charger, belt clip and 2 NiCd batteries



To order contact your Motorola representative at
1.800.367.2346
US Federal Govt.
Customers: call
1.800.826.1913
or
www.motorola.com/businessonline

SINGLE FREQUENCY SEL-CAL		DUAL FREQUENCY SEL-CAL	
With Vibra Page		With Vibra Page	
Lowband	Model	Lowband	Model w/Std. Charger
33.000-49.000 MHz	A01KUS7238_C	33.000-49.000 MHz	A01KUS7239_C
VHF	Model	VHF	Model
143.000-174.000 MHz	A03KUS7238_C	143.000-174.000 MHz	A03KUS7239_C
UHF	Model	UHF	Model
406.000-430.000 MHz	A04KUS7238_C	406.000-430.000 MHz	A04KUS7239_C
450.000-512.000 MHz	A04KUS7238_C	450.000-512.000 MHz	A04KUS7239_C
Vibra-Page, w/Stored Voice		Vibra-Page, with Stored Voice	
VHF	Model	VHF	Model
143.000-174.000 MHz	A03KUS9238_C	143.000-174.000 MHz	A03KUS9239_C
UHF	Model	UHF	Model
406.000-430.000 MHz	A04KUS9238_C	406.000-430.000MHz	A04KUS9239_C
450.000-512.000 MHz	A04KUS9238_C	450.000-512.000MHz	A04KUS9239_C

Above models ship with standard charger.

CHARGER OPTION- To replace standard charger with amplified charger, the following item needs to be ordered as an option at the time of original order.

Number	Description
R687	Charger Amp/w Relay

CARRY CASES, AUDIO ACCESSORIES, BATTERIES, CHARGERS, SERVICE AIDS

Item Number	Description	Item Number	Description
Carry Cases		Service Aids	
RLN5453A	American Flag Nylon Carry Case	NYN1591	Software Programming Kit
RLN5454A	Hard Leather Carry Case	NLN3548	Universal Programming Kit, 100 Volt
RLN5452A	Nylon Carry Case	6881035B20	MINITOR IV Pager Programming
Audio Accessories		NYN8355	Software & Manual MINITOR IV Pager Programming Nest
5005178K01	Earphone	Extended Warranty	
5082202A03	Earpiece with Volume Control	R336AA	3 Year Express Maintenance
Batteries		R522AA	5 Year Express Maintenance
NYN8345A	1.25V AAA NiCd Battery		
Chargers			
NYN8346B	Single Unit Charger 110 Volts		
RLN5230A	Single Unit Charger 110 Volts, w/2.5 Watt Audio Amp, Low Band		
NYN1552A	Single Unit Charger, 110 Volt, w/2.5 Watt Audio Amp, VHF		
RLN5231A	Single Unit Charger 110 Volt, w/2.5 Watt Audio Amp, UHF		
2505050L03	Transformer For Charger/Amp		

MINITOR IV PRODUCT SPECIFICATIONS				
	Lowband	VHF		UHF
	Standard	Standard	Stored-Voice	Standard Stored-Voice
1-Channel Models	A01KUS7238_C	A03KUS7238_C	A03KUS9238_C	A04KUS7238_C A04KUS9238_C
2-Channel Models	A01KUS7239_C	A03KUS7239_C	A03KUS9239_C	A04KUS7239_C A04KUS9239_C
Frequency Range	33-49MHz	143-174 MHz		406-430 & 450-512 MHz
Max Freq Separation	4 MHz	143-167: 8 MHz; 167-174: 7 MHz		406-430MHz: 8MHz 450-464MHz:8MHz & 470-512MHz:6MHz
Sensitivity Alerting (on body)	33-41 MHz:7.5 uV/m (typical) 41-49 MHz:6.5 uV/m	7.5 uV/m		8.5 uV/m
Selectivity	>60db@ 20KHz	>60 db@30KHz		>60 db@25KHz
Spurious Image Reduction	>55db	>55db		>50db
Audio Output @12 inches (Alert/Voice)	93db/90db	93db/90db		93db/90db
Frequency Stability	+/-0.0015%	+/-0.0015%		+/-0.0005%
Channel Spacing	20KHz	30KHz		25KHz
Power Supply	Two "AAA" Batteries	Two "AAA" Batteries		Two "AAA" Batteries
Battery Life				
Selective Call w/NiCd	>30 hours	>40 hours		>35 hours
Selective Call w/Alkaline	>150 hours	>195 hours		>170 hours
Monitor (2% duty cycle)w/NiCd	>20 hours	>30 hours		>25 hours
Monitor (2% duty cycle) w/Alkaline	>100 hours	>145 hours		>120 hours



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