



**MOTOROLA**  
*intelligence everywhere™*



**MINITOR IV**  
Better by design



*Dispatch your fire fighters and emergency personnel with confidence with Motorola's upgraded MINITOR IV.*



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.



WHEN DISPATCHING YOUR EMERGENCY PERSONNEL,  
CHOOSE MINITOR IV – BETTER BY DESIGN



**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



*Standard Charger*



*Charger Adapter*



*Hard Leather Carry Case*



*Nylon Carry Case  
with Flag Emblem*

To order contact your Motorola representative at  
**1.800.422.4210** or [www.motorola.com/businessonline](http://www.motorola.com/businessonline)

**SINGLE FREQUENCY SEL-CAL**

Lowband	Model w/ Std. Charger	Model w/ Charger Amp
33.000 - 36.995	A01KUS723833000	A01KUS723833000AM
37.000 - 40.995	A01KUS723837000	A01KUS723837000AM
41.000 - 44.995	A01KUS723841000	A01KUS723841000AM
45.000 - 49.000	A01KUS723845000	A01KUS723845000AM
<b>VHF</b>		
143.000 - 150.995	A03KUS7238143000	A03KUS7238143000AM
151.000 - 158.995	A03KUS7238151000	A03KUS7238151000AM
159.000 - 166.995	A03KUS7238159000	A03KUS7238159000AM
167.000 - 174.000	A03KUS7238167000	A03KUS7238167000AM
<b>UHF</b>		
406.000 - 413.995	A04KUS7238406000	A04KUS7238406000AM
414.000 - 421.995	A04KUS7238414000	A04KUS7238414000AM
422.000 - 430.000	A04KUS7238422000	A04KUS7238422000AM
450.000 - 457.995	A04KUS7238450000	A04KUS7238450000AM
458.000 - 463.995	A04KUS7238458000	A04KUS7238458000AM
464.000 - 469.995	A04KUS7238464000	A04KUS7238464000AM
470.000 - 475.995	A04KUS7238470000	A04KUS7238470000AM
476.000 - 481.995	A04KUS7238476000	A04KUS7238476000AM
482.000 - 487.995	A04KUS7238482000	A04KUS7238482000AM
488.000 - 493.995	A04KUS7238488000	A04KUS7238488000AM
494.000 - 499.995	A04KUS7238494000	A04KUS7238494000AM
500.000 - 505.995	A04KUS7238500000	A04KUS7238500000AM
506.000 - 512.000	A04KUS7238506000	A04KUS7238506000AM

**DUAL FREQUENCY SEL-CAL**

Lowband	Model w/ Std. Charger	Model w/Charger Amp
33.000 - 36.995	A01KUS723933000	A01KUS723933000AM
37.000 - 40.995	A01KUS723937000	A01KUS723937000AM
41.000 - 44.995	A01KUS723941000	A01KUS723941000AM
45.000 - 49.000	A01KUS723945000	A01KUS723945000AM
<b>VHF</b>		
143.000 - 150.995	A03KUS7239143000	A03KUS7239143000AM
151.000 - 158.995	A03KUS7239151000	A03KUS7239151000AM
159.000 - 166.995	A03KUS7239159000	A03KUS7239159000AM
167.000 - 174.000	A03KUS7239167000	A03KUS7239167000AM
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414.000 - 421.995	A04KUS7239414000	A04KUS7239414000AM
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450.000 - 457.995	A04KUS7239450000	A04KUS7239450000AM
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482.000 - 487.995	A04KUS7239482000	A04KUS7239482000AM
488.000 - 493.995	A04KUS7239488000	A04KUS7239488000AM
494.000 - 499.995	A04KUS7239494000	A04KUS7239494000AM
500.000 - 505.995	A04KUS7239500000	A04KUS7239500000AM
506.000 - 512.000	A04KUS7239506000	A04KUS7239506000AM

**SINGLE FREQUENCY SEL-CAL WITH STORED VOICE**

VHF	Model w/ Std. Charger	Model w/ Charger Amp
143.000 - 150.995	A03KUS9238143000	A03KUS9238143000AM
151.000 - 158.995	A03KUS9238151000	A03KUS9238151000AM
159.000 - 166.995	A03KUS9238159000	A03KUS9238159000AM
167.000 - 174.000	A03KUS9238167000	A03KUS9238167000AM
<b>UHF</b>		
406.000 - 413.995	A04KUS9238406000	A04KUS9238406000AM
414.000 - 421.995	A04KUS9238414000	A04KUS9238414000AM
422.000 - 430.000	A04KUS9238422000	A04KUS9238422000AM
450.000 - 457.995	A04KUS9238450000	A04KUS9238450000AM
458.000 - 463.995	A04KUS9238458000	A04KUS9238458000AM
464.000 - 469.995	A04KUS9238464000	A04KUS9238464000AM
470.000 - 475.995	A04KUS9238470000	A04KUS9238470000AM
476.000 - 481.995	A04KUS9238476000	A04KUS9238476000AM
482.000 - 487.995	A04KUS9238482000	A04KUS9238482000AM
488.000 - 493.995	A04KUS9238488000	A04KUS9238488000AM
494.000 - 499.995	A04KUS9238494000	A04KUS9238494000AM
500.000 - 505.995	A04KUS9238500000	A04KUS9238500000AM
506.000 - 512.000	A04KUS9238506000	A04KUS9238506000AM

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151.000 - 158.995	A03KUS9239151000	A03KUS9239151000AM
159.000 - 166.995	A03KUS9239159000	A03KUS9239159000AM
167.000 - 174.000	A03KUS9239167000	A03KUS9239167000AM
<b>UHF</b>		
406.000 - 413.995	A04KUS9239406000	A04KUS9239406000AM
414.000 - 421.995	A04KUS9239414000	A04KUS9239414000AM
422.000 - 430.000	A04KUS9239422000	A04KUS9239422000AM
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464.000 - 470.000	A04KUS9239464000	A04KUS9239464000AM
470.000 - 475.995	A04KUS9239470000	A04KUS9239470000AM
476.000 - 481.995	A04KUS9239476000	A04KUS9239476000AM
482.000 - 487.995	A04KUS9239482000	A04KUS9239482000AM
488.000 - 493.995	A04KUS9239488000	A04KUS9239488000AM
494.000 - 499.995	A04KUS9239494000	A04KUS9239494000AM
500.000 - 505.995	A04KUS9239500000	A04KUS9239500000AM
506.000 - 512.000	A04KUS9239506000	A04KUS9239506000AM

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

Item Number	Description	Item Number	Description
<b>Carry Cases</b>			
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 Software & Manual
<b>Audio Accessories</b>			
5005178K01	Earphone	NYN8355	MINITOR IV Pager Programming Nest
5082202A03	Earpiece with Volume Control	<b>Extended Warranty</b>	
<b>Batteries</b>			
NYN8345A	1.25V AAA NiCd Battery	R336AA	3 Year Express Maintenance
<b>Chargers</b>			
NYN8346B	Single Unit Charger 110 Volts	R522AA	5 Year Express Maintenance
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) (typical)	33-41 MHz: 7.5 uV/m 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	
<b>Battery Life</b>					
Selective Call w/NiCd	>30 hours	>40 hours		>35 hours	
Selective Call w/Alkaline	>150 hours	>195 hours		>170 hours	
Monitor (2% duty cycle)/NiCd	>20 hours	>30 hours		>25 hours	
Monitor (2% duty cycle) w/Alkaline	>100 hours	>145 hours		>120 hours	



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