

## Motorola EP350™ Series

#### **Industrial Portable Two-Way Radios**



#### Motorola EP350 Series

# Reliable Communication and Enhanced Functionality – A higher level of productivity

In today's demanding business environment, you need easy, discreet and prompt communication with your workforce to improve response time, empower employees to accomplish more in less time and increase customer satisfaction. Our two-way radios provide you with a durable, high-quality voice communication solution that helps your business increase productivity and serve your customers in the best manner possible.

Three versatile models of the EP350 Series Industrial Portable Two-Way Radios from Motorola are dependable and provide on-the-go voice communication across your business. These portable radios bring you the quality features you need at a competitive price. With an extensive feature set and ergonomic shape for comfortable use in a durable, lightweight, compact design, you can enhance communication while increasing efficiency and productivity. Choose the one that best meets your specific business needs: limited keypad, full keypad for increased ease of use or no display/no keypad for extreme affordability.

Ensure clear, dependable communication at all times, through simple and intuitive operation, with the strong performance and extensive features of the EP350 Series Industrial Portable Radios.



## Motorola EP350 Industrial Portable Radio **No-Display / No Keypad Model**

Keep your operations on schedule to increase customer satisfaction. This affordable model brings you a competitive edge in communications to enhance employee efficiency and overall productivity.

#### Functionality benefits include:

- **2 programmable buttons** enable easy, one-touch access to up to 4 user-selected features
- Increased privacy with simple built-in voice scrambling
- Enhanced rejection of interference with tighter specifications so you can get your message through clearly
- Caller identification when sending a call and receives selective communication through built-in DTMF signaling
- Channel selector knob
- Multi-channel capability with 16 channels to support communication amongst all your employees
- Hands-free communication. VOX ready so users can focus on the job at hand
- X-Pand™ technology provides crisp, clear and strong audio quality in virtually any noisy environment
- Talkaround capability allows communications even when a repeater is not being used

### Motorola EP350 Industrial Portable Radio

#### Limited and Full Keypad Models

- Increased privacy with built-in simple voice scrambling
- Hands-free communication. VOX ready so users can focus on the job at hand
- One-touch to up to 10 user-selected features with 5 programmable buttons
- X-Pand<sup>™</sup> technology provides crisp, clear and strong audio quality in virtually any noisy environment
- Multi-channel capability with 16 channels to support communication amongst all your employees
- Talkaround capability allows communications even when a repeater is not being used
- Enhanced rejection of interference from strong signals on adjacent channels so you can get your message through clearly

The full keypad model has all the same regular features as the Limited Keypad model, plus the following:

- Dial phone numbers
- Manual access repeater. Send DTMF tones to repeater
- User editable phone list
- Full keypad (3x4) provides easy accessibility to change channels or place a selective call (DTMF signaling) and allows for front panel programming



#### Programmable **Features**

The following features can be assigned as short press (press and release) or long press (press and hold for 1 second) in the side and front programmable buttons:

**FEATURE: FUNCTION:** 

Backlight Toggles backlight display between ON and OFF.

Toggles display between Channel Number and **Channel Alias** 

Channel Alias.

Locks or unlocks all buttons except PTT, Side Keypad Lock

Programmable Buttons, Rotary Channel

Knob and ON/OFF/Volume knob.

Monitor Monitors the channel for any activity as long as the button is pressed.

**Nuisance Channel Delete** Removes unwanted channel(s) temporarily

from scan list during scan.

TPL/DPL Enables or disables radio from requiring

matching TPL/DPL to unsquelch.

Power Level Reverse Burst Channel Scan Scrambling Selects required power level: High or Low. Select the Reverse Burst Type: None, 180 or 240. Starts or stops channel scan. Enables or disables the scrambling feature for

the selected channel.

Scrambling Code Select Selects either one of the two scrambling codes

available.

Squelch Level Selects desired squelch level:

Normal or Tight.

Sticky Monitor The radio monitors continually

until you press this button again.

**Talkaround** Allows the user to toggle between

Repeater and Talkaround mode

operations.

Volume Set Controls the audio and alert tone levels. The button emits a

continuous tone while the button is pressed to indicate the current

volume level.

VOX Enables or disables VOX feature

for the selected channel.



#### Motorola EP350 Industrial Portable Radio Accessories

The EP350 Series Industrial Portable Two-Way Radios offer a full range of Motorola Original® audio, energy and carrying accessories to customize a radio solution specific to your needs.

Headsets offer a comfortable, easy communication option when you need your hands free to focus on your operations. A high capacity battery is available to support long shifts and soft leather cases are available as a lightweight and comfortable carrying solution.

They also support Mag One™ audio accessories, which provide an affordable option for light-duty radio users.

Part #	Description		
Audio			
Remote Speaker Microphones			
PMMN4029	Remote Speaker Microphone, Submersible (IP57)		
PMMN4013	Remote Speaker Microphone with 3.5mm Audio Jack (IP54)		
PMMN4008	Remote Speaker Microphone (Mag One)		
Remote Speaker I	Remote Speaker Microphone Accessories		
AARLN4885	Receive-Only Covered Earbud with Coiled Cord		
PMLN4620	Receive-Only D-Shell Earpiece		
RLN4941	Receive-Only Earpiece with Translucent Tube and Rubber Eartip		
WADN4190	Receive-Only Flexible Earpiece		
Headsets			
HMN9013	Lightweight Headset, Over-the-head, Adjustable, Single-Muff with Swivel Boom Microphone and In-line PTT		
PMLN5003	Lightweight Temple Transducer with In-line PTT button and Microphone		
PMLN4445	Ultra Lightweight Headset with Boom Microphone and In-line PTT/VOX Switch (Mag One)		
Earsets	•		
PMLN5001	D-Style Earpiece with In-line Microphone and PTT		
PMLN4443	Ear Receiver with In-line Microphone and PTT/VOX Switch (Mag One)		
PMLN4442	Earbud with In-line Microphone and PTT/VOX Switch		
(Mag One)			
PMLN4444	Earset with Boom Microphone and In-line PTT/VOX switch (Mag One)		
Surveillance Kits and Associated Accessories			
HMN9754 2-Wire	Surveillance Kit, Beige (2-wire - rubber eartip style)		
RLN6232	Low Noise Kit (Includes Rubber Tips with Acoustic Tube), black		
RLN6241	Low Noise Kit (Includes Rubber Tips with Acoustic Tube), beige		
RLN6230	Extreme Noise Kit (Includes Foam Earplugs with Acoustic Tube), black		
RLN6231	Extreme Noise Kit (Includes Foam Earplugs with Acoustic Tube), beige		
RLN6242	Quick Disconnect acoustic tube		

Part #	Description		
Batteries and Cha	Batteries and Chargers		
PMNN4082	Battery, NiMH 1300 mAh min.		
PMNN4081	Battery, Lilon 1500 mAh min.		
PMNN4080	Battery, High Capacity Lilon 2150 mAh min.		
PMLN5398	Single Unit Rapid Charger Kit, 110V (Includes PMLN5228 & EPNN9288)		
PMLN5228	Single Unit Charger Base		
EPNN9288	Switchmode Power Supply, 110V with US plug		
Carry Devices			
HLN9844	Spring Action 2" Belt Clip		
PMLN5334	Soft Leather Carry Case with D-Ring		
Antennas			
PMAD40	12 VHF Stubby, 136-155 MHz, 9 cm		
PMAD40	13 VHF Stubby, 155-174 MHz, 9 cm		
NAD6579	VHF Whip, 148-161 MHz, 19 cm		
NAE6483	UHF Whip, 403-520 MHz, 16.5 cm		
PMAE4003	UHF Stubby, 430-470 MHz, 9 cm		
PMAE4006	UHF Stubby, 465-495 MHz, 9 cm		
HAD9338	VHF Heliflex, 136-162 MHz, 15.5 cm		
NAD6502	VHF Heliflex, 146-174 MHz, 15 cm		



PMLN5228





PMLN5334







5 HMN9013 PMLN5001 PMMN4013

#### EP350 Industrial Portable Two-Way Radio Enhanced Functionality for Hospitality



Provide your guests with a relaxing, enjoyable experience. Use your versatile EP350 radio with one of the many audio accessories available, and you will enjoy discreet voice communications without disturbing your guests. The robust, high-quality EP350 ensures employees can maintain on-the-go communication, resulting in responsive customer service and increased productivity.

Hospitality Challenges	EP350 Solutions	
Establishment must be clean and well organized.	Call for immediate help when clean-ups are needed.	
Safety and security concerns.	Security can respond swiftly to accidents or disturbances.	
Reducing operational costs.	Employees are more productive.	
Mobile workforce.	Stay connected. Communicate simultaneously with front desk, valet, room service, housekeeping, and wait staff.	
Customers want a more enjoyable experience.	Eliminate the noise and distraction of paging systems.	
Need for faster, more responsive service.	Instant communication enables faster room turnover, better response to guest requests, and precise valet coordination.	

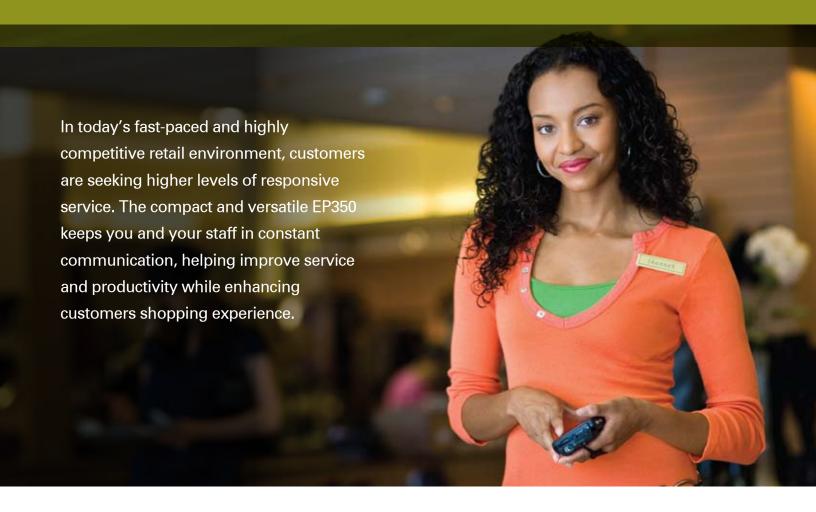
#### Dependable Communication for Light Manufacturing

Constant communication is essential for you to run an efficient manufacturing operation, and a noisy environment is your biggest challenge. Not anymore. The compact, easy-to-use EP350 featuring superior audio clarity and resistance to interference, provides a robust, high-quality voice communication solution – just what you need to avoid downtime and ensure fast responses to production problems or injuries.



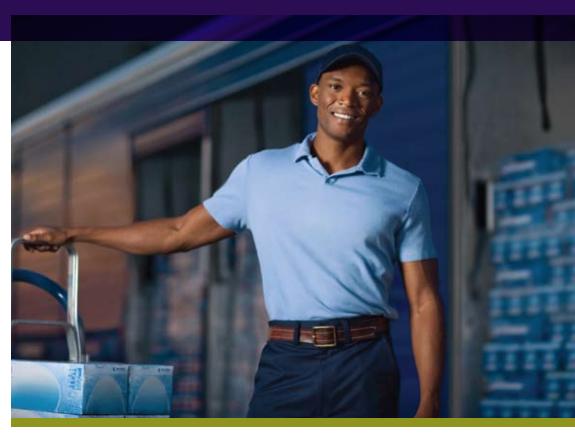
Light Manufacturing Challenges	EP350 Solutions
Worker safety and liability.	Workers can coordinate quickly and respond to accidents or emergencies.
Pressure to finish projects faster.	Managers can maintain constant contact with and among workers to mobilize them and get tasks completed faster.
Reducing operational costs.	Employees are more productive.
Getting more done with fewer workers.	Leaner work crews stay focused on the job at hand, work more efficiently, and keep projects moving.
Workers carry many tools on the job.	Durable, lightweight and easy to use, EP350 radios clip right on the tool belt.

# EP350 Industrial Portable Two-Way Radio *Improved Customer Service for Retail*



Retail Challenges	EP350 Solutions
Staff comfort & mobility.	Compact, light and ergonomic device easy to carry.
Provide simplified functionality	Activate/deactivate at the touch of a button
Ensure uninterrupted communication on the sales floor	Great capacity battery; battery saver feature
Hands-free capability	A wide range of audio accessories

# Increased Operational Efficiency or Transportation and Logistics



With the advanced functionality of the EP350, you can coordinate your transportation and logistics operations with additional accuracy. You can coordinate drivers to take the most efficient routes and also notify them, via data or voice, about a new delivery destination, change in route or emergency pickup

Transportation and Logistics Challenges	EP350 Solutions
Provide on-the-go workers with resilient and reliable devices	ALT, MIL Sandard approved
Ensure uninterrupted communication anywhere, anytime	Great capacity battery; battery saver feature
Ensure simplified functionality	Activate/deactivate at the touch of a button
Hands-free capability	A wide range of audio accessories

#### **Better Coordination for Construction Projects**

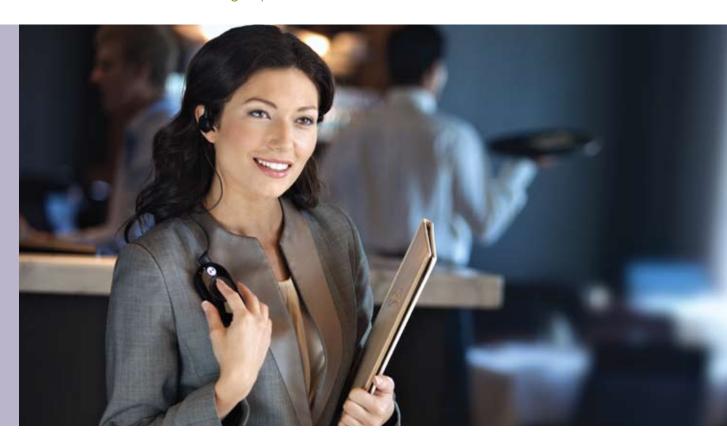


To keep any construction project on track, you need timely coordination from management to foremen, subcontractors, and individual trades people. The reliable and cost-effective EP350 helps keep projects on schedule, avoid errors, meet deadlines and keep costs on budget.

Construction Challenges	EP350 Solutions	
Provide construction workers with resilient and reliable devices	ALT, MIL Sandard approved	
Excellent audio in noisy environments	Powerful 500mW audio output with good RF specifications	
Large button for easy access	Keypad with programmable buttons and large PTT	
Noise-cancelling accessories	A wide range of audio accessories	

#### **Better Coordination for Event Management**

The event planning and management process includes a number of phases and a lot of people. Successful event management will require strong leadership, a commitment to preparedness and uninterrupted communication among all parties involved. The EP350 ensures reliable and discreet both individual and talk group calls



Event Management Challenges	EP350 Solutions
Availability of multiple channels	99 channels to support different talk groups
Ensure simplified functionality	Activate/deactivate at the touch of a button
Individual private call capability	DTMF signaling enables selective call
Clear audio	Good RF specifications (70dB Rx spurious rejection)



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