



The Motorola GP328 EX (or GP328+Ex) is a rugged, explosion-proof (intrinsically safe) two-way radio designed for hazardous industrial environments like chemical plants and oil fields, featuring enhanced audio with X-PAND technology, optional voice storage/man-down boards, emergency signaling, and robust IP68 waterproofing for critical communication where standard radios can't operate safely,



## Unsurpassed Audio Quality

- Equipped with Motorola's special voice processing technology, X-PAND™ and LLE, enables crisper, clearer and stronger audio quality, allowing you to keep communicating, even in noisy environment.

## Smart Choices

- Motorola's unique MDC signalling allows the transfer of data communications at the high-speed rate of 1200 bits per second.
- The Forward error correction technology enables radio to receive message, like call alert and send out the PTT-ID even though the voice signal is too weak to be heard.
- Expandable & easy to install in the field, by simply adding on option boards like voice storage board whenever your needs arise. The option board also allows up to 2 minutes of recording.
- The plug-in mandown option board feature will trigger an emergency procedure in situations where the radio is horizontal or still for longer than a pre-programmed time. It is critical for radio users who work alone or in isolated environments.
- The GP328 is certified by the US Factory Mutual standard intrinsically safe to operate in hazardous atmosphere.
- The built-in voice-activated feature (VOX) enables users to transmit their message in a hands-free environment, without pressing the push-to-talk button.

## Easy To Use

- Switchable RF Power Levels: with one button, users can switch between high and low power with reference to their specific application to conserve battery life.
- Tri-colour LED Battery Gauge indicates battery status with early warning on low battery strength.
- Tone Tagging allows 8 different ringing tones to be assigned to 8 specific users/talkgroups making audio caller identification to these 8 groups possible.
- Lightweight Lithium Ion battery option makes the radio one of the lightest in its range.

## Performance Characteristics

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- **Battery life (based on a 05 05 90 duty cycle)**

8 hours (High Power), 10 hours (Low Power) - With Standard Hi-Capacity NiMH battery

- **Frequency range**

136 - 174 MHz / 330 - 400 MHz (available in 16 channels only) / 403 - 470 MHz / 450 - 527 MHz

- **Power output**

5W - 136 - 174 MHz, 4W - 403 - 470 MHz, 450 - 527 MHz

## Physical Characteristics

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- **Keypad** None
- **Display** No display
- **Emergency button** Yes
- **Weight (with standard battery)**  
420gms (with standard NiMH battery)
- **Dimensions H x W x D (with standard battery)**  
137 mm x 57.5 mm x 37.5 mm ( With Standard NiMH battery)
- **Available option board** Yes

### Radio Features

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- **Signalling**  
Quick Call II, DTMF, limited MDC1200
- **Number of channels** 16

### User Environment

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- **Mil spec** 810 C, 810 D, 810 E
- **Intrinsically safe** Yes



(Manual measurement may have errors. Please refer to the actual product.)

Product Model	GP328	TALK TIME	48 hours
POWER	10W	Standby Time	3-6days
Talk Distance	3-15KM	Working Voltage	7.4V
Battery Capacity	6000mAh	Weight	290g
Usage Scenarios	Construction sites, shopping malls, outdoors, property security, logistics fleets		
	Dimensions		
	133X60X40mm		

### Questions et réponses de l'acheteur (1)

- ① Bonsoir, sur quelles fréquences sont réglés les canaux radio ?
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