Motorola DP4401 Ex Atex - Portable two way radio

The DP4401 Ex ATEX-certified portable delivers unrivaled voice and data communications with integrated GPS plus best-in-class audio that includes Intelligent Audio and customizable voice announcements.

Application
Threats from explosive gas or combustible dust, on an oil rig or in an open mine, your workers confront them daily. Safe, reliable communication is absolutely critical in such dangerous environments. Available in UHF and VHF frequency bands, the DP4401 Ex digital portable two-way radio is easy to use and features up to 32 channel capacity, three programmable buttons, emergency button, mandown and lone worker functions and IP67 specifications for submersibility.

Best-in-class
Loud front-facing speaker and Intelligent Audio feature that automatically adjusts the radio volume according the environment's noise level.

Text messaging
Send preprogrammed update messages to team members when radio communications need to be delivered without interrupting workers or guests.

Integrated GPS
Locate mobile work teams using integrated GPS.

Emergency button
Orange button on the top of the radio can be programmed to send an alert to a supervisor or dispatcher during an emergency situation.

Security
Three levels of scrambling or encryption built-in for increased security: 16-bit Basic Privacy, 40-bit Enhanced Privacy or 256-bit AES256 encryption.

Transmit interrupt
Enables a user to interrupt another radio conversation to deliver critical communication exactly when and where it's needed.

TECHNICAL SPECIFICATIONS

Frequency band	VHF, UHF
Battery life (based on a 05 05 90 duty cycle)	19 hours in digital mode, 16 hours in analogue mode
1 Watt	yes
Repeater capable	yes
Standard battery chemistry type	Lithium Ion
Emergency button	yes
Display	no display
Dimensions (h x w x d) with standard battery	138.5 x 56.7 x 37.8 mm (5.45 x 2.23 x 1.49 in)
Keypad	none
Weight (with 1400mAh LiIon battery)	455.5g (16.1 oz)
Noise reduction software	yes
Approvals	IP67, ATEX IECEx