



Motorola r765 and r765IS radio series



# *the* **CLEAR** ADVANTAGE

The easy-to-use Motorola r765 and r765IS radios are engineered to be LOUD and CLEAR in the most demanding situations. When the job site is noisy, that's when the message really matters. The r765 has components designed with power to spare so you always hear better with less distortion at higher volume. Plus you'll have the convenience of 16 selectable talkgroup options at the twist of a knob and the flexibility of dual SIM card operation.

**HELLOMOTO®**



simplicity, functionality & ease of use  
**motorola r765** and **r765IS** radio series

Designed with the customer in mind, this hybrid radio and iDEN® handset offers the ease of use and simplicity of a radio with the multiple features of the iDEN systems. Use radio private call, talkgroup call, telephone interconnect, messaging, data and more. Talkgroup changes are a simple turn of a knob. Emergency operations are facilitated with the press of the Emergency talkgroup button located at the base of the antenna. Simplify the main menu structure to as few as 8 items for effortless operations. The new r765 and r765IS are designed to be simple and easy to use with robust features that let you customize functionality to your needs.

## FEATURES

### GENERAL

Color Display

Meets US Military 810 Specs for:

*Dust, Shock, Vibration, High and Low Temperature, Pressure, Humidity, Salt Fog, Blowing Rain and Solar Radiation*

Java™ Technology-Enabled

Bluetooth® Wireless Technology

Integrated GPS

Fixed Upright Antenna

Dual SIM Card Slots

600-entry Contact List per SIM card

Intrinsically Safe/Non-Incendive (r765IS only)

### DIGITAL PHONE

Speaker Phone

3-way Calling\*, Call Waiting\*, Call Forwarding\*

### DIGITAL TWO-WAY RADIO

MOTOTalk® Off-Network Digital Walkie-Talkie

One-Touch Private and Group Call

Talkgroup Knob

*Assign combinations of up to 256 talkgroups and MOTOTalk channels*

Multi-Simultaneous Talkgroup Scan\*

Emergency Group Call\*

Isolated Site Operation\*

Selective Dynamic Group Calls\*

### SOFTWARE

Downloadable Java™ Applications\*

Menu Simplification\*

### MOBILE OFFICE

Wireless Modem\*

Date Book Functionality

### MESSAGE CENTER

MO-SMS\* or MMS\*

### r765IS INTRINSICALLY SAFE CLASSIFICATIONS:

Factory Mutual Approvals (FM) and Canadian Standards Associations (CSA) certification as Intrinsically Safe (IS) for use in Classes I, II and III, Division 1, Groups C, D, E, F, G and Nonincendive (NI), Class 1, Division 2, Groups A, B, C and D when used with battery PMNN4086A.

## TYPICAL SPECIFICATIONS

Criteria	Requirement
iDEN Frequency Range (800 MHz Band)	TX 806-825 MHz, RX 851-870 MHz
iDEN Frequency Range (SMR 900 MHz SMR/Narrow Band PCS Bands)	TX 896-902 MHz, RX 935-941 MHz
MOTOTalk Frequency Range (ISM Band)	TX/RX 902-928 MHz
GPS Frequency	1.575 GHz (Receive Only)
Bluetooth Frequency	2.4 GHz, Class II Device <i>compliant to specification version 1.2</i>
Modulation Type	iDEN or MOTOTalk
iDEN Channel Spacing	25 kHz
iDEN Transmitter Output Power	1.0 Watt (r765) 0.6 Watt (r765IS)
iDEN Receiver Sensitivity	-111dBm @ 10% BER

	r765 with battery	r765IS with battery
Dimensions	146.6 x 56 x 36.6 mm	146.6 x 56 x 36.6 mm
Weight	337g	337g
Talk Time (6:1)**	Up to 330 minutes	Up to 375 minutes
Talk Time (3:1)**	Up to 250 minutes	Up to 260 minutes
Standby Time (no DPS)**	Up to 140 hours	Up to 140 hours
MOTOTalk® 5/5/90**	12 hours	12 hours
MOTOTalk Standby**	Up to 50 hours	Up to 50 hours
Operating Temperature	-10°C to +60°C	-10°C to +60°C



## HELLOMOTO®

Certain mobile phone features may not be available throughout the entire network or their functionality may be limited. All features, functionality and other product specifications are subject to change without notice or obligation.

\* Network dependent feature, not available in all areas. Airtime, data charges and/or additional charges may apply.

\*\* All talk and standby times are quoted in Digital Mode, and are approximate. Battery performance depends on network configuration, signal strength, operating temperature, features selected, and voice, data and other application usage patterns.

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