



# MOTOTRBO™ DP3000e SERIES

## INTRODUCING DP3661e

New compact, display and limited keypad portable radio

## PRESENTER NAME

Presenter Title



**MOTOROLA SOLUTIONS**



# MOTOTRBO™ DP3000e Series

**BUILT FOR THE MOBILE PROFESSIONAL**

**WHO NEEDS EFFECTIVE COMMUNICATION**

**WITH A COMPACT DESIGN**

***YOU'RE READY FOR ANYTHING***



# INTRODUCING LIMITED KEYPAD MODEL

- 5-line Colour Display with Limited Keypad
  - Receive Text Messaging
  - Battery Life Status
  - Front Panel Programming
  - Notification List
  - Channel and Radio Settings
  - ...
- Full Suite of Accessories
  - Radio Holster and Belt Clip
  - High Capacity Battery Available
- IP68 sealing against dust and water



YOU'RE READY FOR ANYTHING



# RUGGED DESIGN



# ENERGY

## IMPRES™ HIGH CAP BATTERIES

3000mAh / 2900mAh TIA

UP TO 27.5 HOURS OF LIFE



# ENERGY

## STANDARD BATTERY

1600mAh

UP TO 16 HOURS OF LIFE



# ACCESSORIES

## IMPRES HIGH CAP BATTERY CARRY CASE



# ACCESSORIES

**STANDARD BATTERY  
CARRY CASE**





# ACCESSORIES

## RADIO HOLSTER

FITS STANDARD AND HIGH  
CAPACITY BATTERIES



# MOTOTRBO RADIO PORTFOLIO

## ENTRY



DP1400

## MID



SL1600



DP2400e



DP2600e

## HIGH TIER



DP4400e/  
DP4401e



DP4600e/  
DP4601e



DP4800e/  
DP4801e



DP3441e



DP3661e



SL4000e/  
SL4010e

## ATEX



DP4801Ex/  
DP4801Ex Ma



DM1400



DM1600



DM2600



DM4600e/  
DM4601e



DM4400e/  
DM4401e



DM4000/DM4000e  
Handheld Control Head



DP4401Ex/  
DP4401Ex Ma

## VOICE

## VOICE, BASIC SYSTEMS

## SUPERB VOICE, ENHANCED DATA, SYSTEMS, APPS, FEATURES

## HAZARDOUS LOCATIONS



# NEXT GENERATION MOTOTRBO

## YOU'RE SAFER

Indoor Location Tracking  
Multi-Constellation GNSS  
Integrated Accelerometer  
Environmentally Responsible

## YOU'RE MORE EFFICIENT

Wi-Fi® Software Update  
Clearer Audio  
Future Capabilities

## YOU'RE MORE PRODUCTIVE

Longer Range  
Longer Talk Time  
Improved Durability



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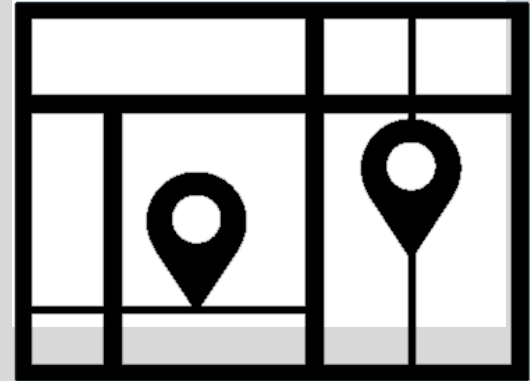
Longer Range  
Longer Talk Time  
Improved Durability



# INDOOR LOCATION TRACKING

- New radios have integrated Bluetooth® 4.0
- Enables power-efficient indoor location tracking solution:
  - Place Bluetooth “ibeacons” around facility
  - Radios sense their proximity to the beacons
  - Application displays radio locations on map or floor plan
- Will be supported by MOTOTRBO Control Room Solutions and third-party location tracking apps
- Optional, chargeable feature

NOW YOU CAN KEEP  
TRACK OF EVERYONE



# MULTI-CONSTELLATION GNSS

- New radios support multiple satellite navigation standards:
  - GPS (USA)
  - GLONASS (Russia)
  - Galileo (Europe – future)
- Increases positioning reliability
  - Easier to get a satellite fix in difficult areas – like city centres
- Enhances positioning accuracy
  - Select both GPS and GLONASS during programming for added accuracy
  - Dual-receiver mode gives better triangulation
- Will be supported by third-party location monitoring/tracking apps



YOU'RE  
SAFER

# INTEGRATED ACCELEROMETER

- New radios have a built-in accelerometer
- Senses radio orientation and motion
- Enables Man Down alarm based on:
  - Angle
  - Movement
  - No Movement
  - Angle + No Movement
- Man Down is an optional, chargeable feature

NOW YOU CAN SAFEGUARD  
VULNERABLE WORKERS



YOU'RE  
SAFER

# ENVIRONMENTALLY RESPONSIBLE

- New radios meet and exceed all regulations for minimising potentially hazardous substances
- Zero halogen content
- Phthalate-free
- Compliant with European RoHS regulations

NOW YOU CAN TAKE MORE  
CARE OF YOUR ENVIRONMENT





# FEATURES AND BENEFITS

## YOU'RE SAFER

Indoor Location Tracking  
Multi-Constellation GNSS  
Integrated Accelerometer  
Environmentally Responsible

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Clearer Audio  
Future Capabilities

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Longer Talk Time  
Improved Durability

# WI-FI REMOTE UPDATE

- New radios have integrated Wi-Fi capability
  - 802.11b / g / n, up to 8 Mbps
- New Radio Management 2.0 functionality uses Wi-Fi to download new radio firmware
  - Radio firmware update
  - Code plug programming
  - CFS licence activation over Wi-Fi (except Wi-Fi CFS key activation)
- Complete no-touch radio management
  - Available as a customer feature
  - Available as a service
- Optional, chargeable feature

NOW YOU CAN MANAGE  
YOUR RADIOS MORE EFFICIENTLY

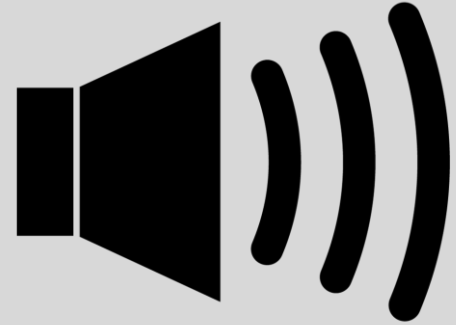


YOU'RE  
MORE  
EFFICIENT

# CLEARER AUDIO

- New radios have improved audio
- Redesigned audio amplifier
  - Speech is now much clearer, especially at high volumes
- Dual porting for microphone
  - Effectively reduces wind noise
- New noise cancellation feature: SINC+
  - “Single microphone Industrial Noise Cancellation”
  - Optional, chargeable feature

NOW YOU CAN  
COMMUNICATE MORE RELIABLY

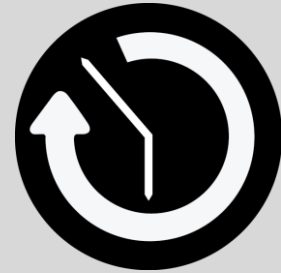


YOU'RE  
MORE  
EFFICIENT

# FUTURE-READY

- New radios have increased memory
- Double the memory
  - RAM increased from 64 MB to 128MB
  - Flash storage Increased from 128MB to 256MB
- More space for growth
  - Current capabilities: for example voice announcement files
  - Future growth: new features may require more storage
- Standard on all next-gen radios

NOW YOU CAN  
INVEST WITH CONFIDENCE



# FEATURES AND BENEFITS

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Multi-Constellation GNSS  
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Environmentally Responsible

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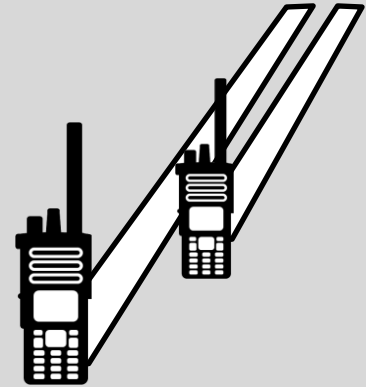
Longer Range  
Longer Talk Time  
Improved Durability

YOU'RE  
MORE  
PRODUCTIVE

# LONGER RANGE

- New radios have redesigned receiver circuitry
- Analogue sensitivity is improved
  - From  $0.22\mu\text{V}$  to  $0.16\mu\text{V}$  (typical, 12dB SINAD)
- Digital sensitivity is improved
  - From  $0.19\mu\text{V}$  to  $0.14\mu\text{V}$  (typical, 5% BER)
- Coverage area is increased by 10 – 16%

NOW YOU CAN  
REACH EVEN FURTHER

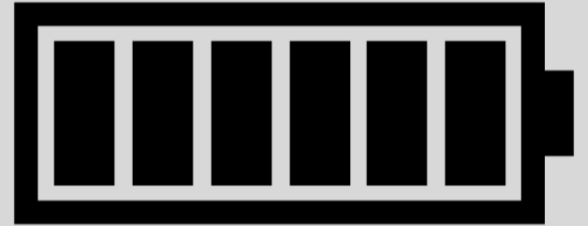


YOU'RE  
MORE  
PRODUCTIVE

# LONGER TALK-TIME

- New radios have extended battery life
  - IMPRES technology
  - High capacity battery
- Longer battery life for data or call intensive applications

NOW YOU CAN STAY  
IN TOUCH FOR LONGER



# ENHANCED DURABILITY

- New radios have improved sealing to keep out dust and water
- IP rating:
  - DP3000e Series: IP68 (was IP67)
- IP Rating: First digit refers to dust resistance, second digit refers to water resistance
  - IP68: Completely dust-tight, waterproof to 2m for 2 hrs
  - IP67: Completely dust-tight, waterproof to 1m for 30 mins

NOW YOUR RADIO  
IS EVEN TOUGHER





# MOTOTRBO DP3000e SERIES

**COMPACT DESIGN**  
**FOR THE MOBILE PROFESSIONAL**  
WHO NEEDS EFFECTIVE COMMUNICATION

**YOU'RE READY FOR ANYTHING**

- Next-generation, high-performance portable radio
- Plain and colour screen/limited keypad models
- Supports voice, data, text and apps
- Integrated Wi-Fi, Bluetooth 4.0 and GNSS
- Range of accessories
- IP68 protection against dust and water



DIRECT MODE  CONVENTIONAL  IP SITE CONNECT  CAPACITY PLUS  CAPACITY MAX  CONNECT PLUS

