



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



SL1600



DP2400e



DP2600e

MID



DP4400e/
DP4401e



DP4600e/
DP4601e



DP4800e/
DP4801e



DP3441e



DP3661e



SL4000e/
SL4010e

HIGH TIER

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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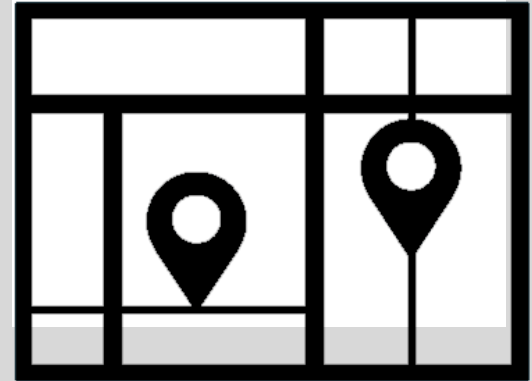
Longer Range
Longer Talk Time
Improved Durability



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

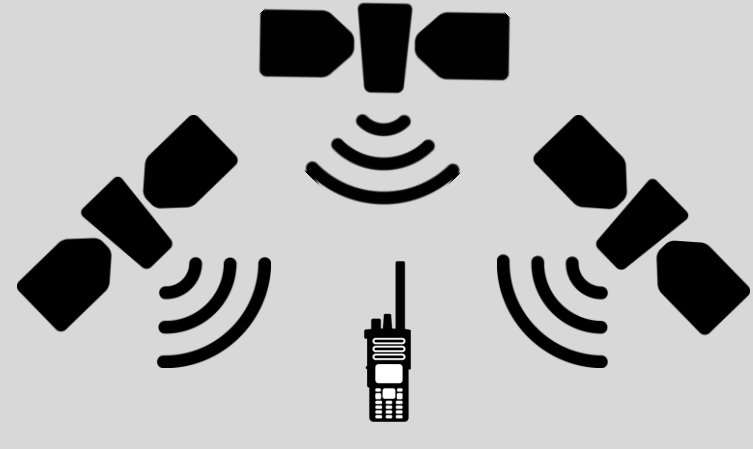
NOW YOU CAN KEEP
TRACK OF EVERYONE



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

NOW YOU CAN TRACK YOUR
ASSETS MORE ACCURATELY



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

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Multi-Constellation GNSS
Integrated Accelerometer
Environmentally Responsible

YOU'RE MORE EFFICIENT

Wi-Fi® Software Update
Clearer Audio
Future Capabilities

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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

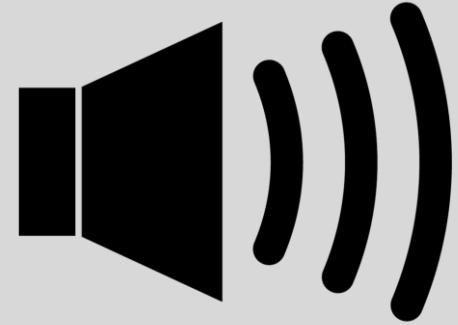


YOU'RE
MORE
EFFICIENT

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

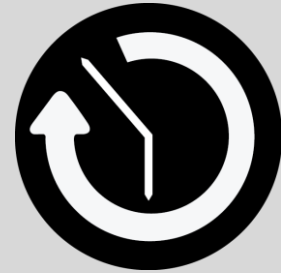


YOU'RE
MORE
EFFICIENT

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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Integrated Accelerometer
Environmentally Responsible

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Wi-Fi® Software Update
Clearer Audio
Future Capabilities

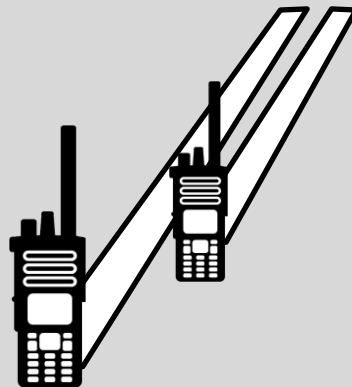
YOU'RE MORE PRODUCTIVE

Longer Range
Longer Talk Time
Improved Durability

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

