YOU'RE COMPLETELY CONNECTED

With this dynamic evolution of MOTOTRBO digital two-way radios, you’re better connected, safer and more productive. The DM4000e Series is designed for the skilled professional who refuses to compromise. With high performance integrated voice and data, and advanced features for efficient operation, these next-generation radios deliver complete connectivity to your organisation.

CONNECTED
The MOTOTRBO DM4000e Series is a family of ETSI DMR Standards compliant digital radios that delivers operation critical voice and data communications. Bluetooth® audio lets you talk without wires, integrated Wi-Fi® enables remote software updates, and indoor and outdoor location-tracking capabilities give you total visibility of your resources. With support for trunking as well as legacy analogue technology, you can keep your organisation connected as it grows.

SAFE
Safeguard your staff with responsive push-to-talk technology. The quick access buttons on DM4000e Series radios can summon help with one touch, using Transmit Interrupt to clear a channel when necessary. A range of safe driving accessories allow your workers to communicate hands-free, and Text-to-Speech technology helps your drivers keep their eyes on the road.

PRODUCTIVE
Text messaging and Work Order Ticketing simplify complex communications, and data capabilities support advanced applications. Featuring a high power audio amplifier, these radios deliver loud, clear speech, with background noise cancellation for better intelligibility. DM4000e Series radios are also ideal as a dispatcher solution, with desktop microphones and a rugged, durable design for everyday use.

WHAT’S NEW IN THESE NEXT GENERATION RADIOS
• Bluetooth 4.0
• Indoor location tracking
• Multi-constellation GNSS for increased location accuracy
• Integrated Wi-Fi
• Over-the-air software updates
# PRODUCT DATA SHEET
**MOTOTRBO™ DM4000e SERIES**
**DIGITAL TWO-WAY RADIOS**

## Model Numbers
- **Alphanumeric Model**
  - DM4601e / DM4600e
- **Numeric Model**
  - DM4401e / DM4400e

### General Specifications

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<td><strong>Model Number</strong></td>
<td>DM4601e / DM4600e</td>
<td>DM4401e / DM4400e</td>
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<tr>
<td><strong>Band</strong></td>
<td>VHF</td>
<td>VHF</td>
</tr>
<tr>
<td></td>
<td>300MHz</td>
<td>300MHz</td>
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<tr>
<td></td>
<td>UHF Band 1</td>
<td>UHF Band 1</td>
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<tr>
<td></td>
<td>UHF Band 2</td>
<td>UHF Band 2</td>
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#### Frequency
- **VHF**
  - 136-174 MHz
  - 300-360 MHz, 350-400 MHz
  - 403-470 MHz
  - 450-527 MHz

#### Low Power Output
- 1-25 W
- 25-45 W

#### High Power Output
- 1-40W

#### Channel Spacing
- 12.5, 25 kHz

#### Channel Capacity
- 1000
- 32

#### Dimensions (H x W x D)
- 53 x 175 x 206 mm

#### Weight
- 1.8 kg

### Power Supply (Nominal)
- **12 V**

### Max Current Drain

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<tr>
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<td>11 A</td>
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### TRANSMITTER SPECIFICATIONS

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<td>I</td>
<td>500.2</td>
<td>II</td>
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<tr>
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<td>I</td>
<td>503.2</td>
<td>A1/C3</td>
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<td>I</td>
<td>505.2</td>
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<td>516.3</td>
<td>I, IV</td>
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</table>

**NOTES**

1. DM4601e and DM4801e models include GNSS and Bluetooth as standard.
2. 20 kHz channel not available for 300MHz models.
**LONG RANGE WIRELESS MOBILE MICROPHONE**

Designed for customers who depend on their high power mobile radio but must work outside of their vehicle, the Long Range Wireless Mobile Microphone keeps you connected and communicating up to 100m (330 ft) from your vehicle. With instant touch pairing and in-vehicle charging cradles, you can maintain critical communications even on remote job sites.

**HANDHELD CONTROL HEAD**

When space is tight, and you need the flexibility to operate your radio from anywhere in the vehicle, opt for the Handheld Control Head. Its colour screen, full keypad and extendable cord gives you complete control within 8 m (26 ft) of the radio.

**BLUETOOTH AUDIO**

Improve the mobility of your work teams without wires getting tangled. Your delivery driver can sort through packages on the back of the delivery truck, your bus driver can check students in the back of the bus, and your limousine driver can open the door for their passengers and stay connected.

**CONNECT AND COORDINATE EFFORTLESSLY**

IMPRES™ Smart Audio accessories communicate with the radio to suppress ambient noise, improve voice intelligibility and amplify loudness. Choose from a range of standard and heavy duty microphones, with or without keypads and navigation buttons.

**INTERACT SAFELY WITHOUT DISTRACTIONS**

To help your drivers keep their eyes on the road, you can customise your installation with the IMPRES Visor Microphone and Remote Push-to-Talk.

To get connected with MOTOTRBO, visit www.motorolasolutions.com/mototrbo or find your closest Motorola representative or authorised Partner at www.motorolasolutions.com/contactus

Motorola Solutions Ltd. Jays Close, Viables Industrial Estate, Basingstoke, Hampshire, RG22 4PD, UK.

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