

A black Motorola Curve Wi-Fi Enhanced Business Radio is shown vertically on the left side of the page. It has a long antenna at the top, a power button, a call button, and a Wi-Fi button on the left side. The Motorola logo is visible on the front. The background is dark blue with bokeh light effects and a stylized Wi-Fi signal icon at the top.

curve

WI-FI ENHANCED BUSINESS RADIO



**RELIABLE BUSINESS COMMUNICATION,
NOW WITH WI-FI AND VOICE
ASSISTANCE CAPABILITIES.**

ESSENTIAL COMMUNICATIONS DEVICE FOR ESSENTIAL STAFF

Today's business environment has added pressure and challenges to you and your teams. New shopping behaviors, staff shortages and increased health and safety concerns have created a necessity to deliver what the competition can't. Curve, the first business communication device with Wi-Fi and voice assistance capabilities, is here to do just that. Designed specifically for retailers, the Curve radio combines simple, intuitive radio operation with advanced, Wi-Fi-enabled features that help your team stay connected while remaining productive and focused on their work.

Curve combines radio-based push-to-talk with Wi-Fi-powered cloud connectivity, giving you the best of both worlds: simple, clear, robust voice communications and advanced features with intuitive operation. By using digital radio for voice communications, Curve can take advantage of Wi-Fi where it's most effective: leveraging data for advanced applications that help make the radio more useful and intuitive.

Curve's ergonomic design, familiar form factor and simple operations make it easy to stay in touch. Its durable construction means that the occasional drop won't necessitate a trip to the back room for a replacement; Curve is built for the real-world challenges of a retail environment. With a 300,000 square foot range*, Curve will not slow you or your team down.

KEY FEATURES

- Wi-Fi/LMR Capabilities**
- Color LED Status Indicator
- Virtual Assistant
- Voicemail
- Extended Range
- License-Free Operation
- Rugged (MIL-STD 810C, D, E, F, G, H)





GENERAL SPECIFICATIONS

| | |
|-------------------|---|
| Channels | 10 |
| Frequency | 902-928 MHz |
| Range | Up to 300,000 Sq. Feet or 20 Floors* |
| License Free Band | Operates FCC license-free in 900 MHz ISM Band |

DIMENSIONS

| | WITH BT90 BATTERY | WITH BT110 BATTERY |
|------------------------------|--|---|
| HxWxD with battery and door | 4.55" x 1.87" x 0.95" 115.5 x 47.5 x 24.0mm | 4.55" x 1.87" X 1.02" 115.5 x 47.5x 26.0mm |
| Weight with battery and door | 5.11 oz/145 g | 5.45 oz/155 g |

POWER

| | WITH BT90 BATTERY | WITH BT110 BATTERY |
|--|-------------------|--------------------|
| Battery Capacity | 1800 mAh | 2500 mAh |
| Charging Time | 4 hours | 5 hours 15 minutes |
| Battery Life*** (Wi-Fi off) | 11.5 hours | 16 hours |
| Battery Life*** (Wi-Fi on, Voice Assistant active) | 10 hours | 14.5 hours |

*Coverage depends on terrain and environmental conditions.

**Service subscription required for Wi-Fi capabilities.

*** Based on 5/5/90 use pattern. Actual battery life will vary.

RECEIVER

| | |
|---------------------------------------|------------------|
| Preamble Sensitivity | -125dBm |
| Frequency Stability | ± 1PPM |
| RX Spur Emissions- Radiated | <43.5dBuV/m (3m) |
| Blocking Immunity: ±500 kHz to ±1 MHz | 75dB |
| Blocking Immunity: ±1 MHz to ±15 MHz | 80dB |
| Audio Distortion @ Rated | <5% |

TRANSMITTER

| | |
|-------------------------------------|-------------------------|
| RF Output | 1W |
| Channel Spacing | 50kHz |
| Frequency Stability (-30°C to 60°C) | ± 1PPM |
| TX Spurious Emissions - radiated | <54dBuV/m (3m) |
| Audio Distortion | <3% |
| TX ACPR | -50dBc |
| FCC Modulation | 8-level FSK 900MHz FHSS |

ENVIRONMENTAL

| | |
|-----------------------|------------------------|
| Operating Temperature | -20°C to +60°C (Radio) |
| Storage Temperature | -40°C to +85°C (Radio) |
| Dust Intrusion | IEC 60529 IP5X |

MILITARY STANDARDS

| | MIL-STD 810C | | MIL-STD 810D | | MIL-STD 810E | | MIL-STD 810F | | MIL-STD 810G | | MIL-STD 810H | |
|-------------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|-------------|--------------|-------------|
| | Method | Procedure | Method | Procedure | Method | Procedure | Method | Procedure | Method | Procedure | Method | Procedure |
| Low Pressure | 500.1 | I | 500.2 | II | 500.3 | II | 500.4 | II | 500.6 | II | 500.6 | II |
| High Temperature | 501.1 | I, II | 501.2 | I/A1, II/A1 | 501.3 | I/A1, II/A1 | 501.4 | I/Hot, II/Hot | 501.6 | I/A1, II/A1 | 501.7 | I/A1, II/A1 |
| Low Temperature | 502.1 | I | 502.2 | I/C3, II/C1 | 502.3 | I/C3, II/C1 | 502.4 | I/C3, II/C1 | 502.6 | I/C3, II/C1 | 502.7 | I/C3, II/C1 |
| Temperature Shock | 503.1 | I | 503.2 | A1/C3 | 503.3 | A1/C3 | 503.4 | I | 503.6 | I-C | 503.7 | I-C |
| Solar Radiation | 505.1 | II | 505.2 | I/Hot-Dry | 505.3 | I/Hot-Dry | 505.4 | I/Hot-Dry | 505.6 | I/A1 | 505.7 | I/A1 |
| Humidity | 507.1 | II | 507.2 | II/ hot-humid | 507.3 | II/ hot-humid | 507.4 | - | 507.6 | II/Agg | 507.6 | II/Agg |
| Dust | 510.1 | I | 510.2 | I | 510.3 | I | 510.4 | I | 510.6 | I | 510.7 | I |
| Vibration | 514.2 | VIII/F, W, XI | 514.3 | I/10, II/3 | 514.4 | I/24, II/5 | 514.5 | I/24, II/5 | 514.7 | I/24, II/5 | 514.8 | I/24, II/5 |
| Shock | 516.2 | I, II | 516.3 | I, IV | 516.4 | I, IV | 516.5 | I, IV | 516.7 | I, IV | 516.8 | I, IV |

For more information, please visit motorolasolutions.com/curve



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