

# FW-700

## WIFI HANDHELD RADIO

Reliable coverage

Solid frame with no display for maximum durability

Long Range LTE POC Radio • Group & Single Call • Compact Design / Easy Install • WIFI Network Compatible

### KEY BENEFITS

#### Nationwide / Wide-Area Coverage

Operates over LTE networks to overcome the short-range limits of conventional two-way radios. Idea for teams spread across cities, regions or multiple sites.

#### Instant, Flexible Communication

Dedicated PTT (Push-to-talk) button with support for:

- Group Calls
- One-to-one (Single Calls)
- Emergency Calls

#### WIFI Enabled

The FW-700 is our WIFI network compatible radio. This Enables companies working within a defined network area to leverage the coverage of their WIFI and save on cellular costs.

#### Configurable Side Keys & Optional GPS

Programmable side keys can be customized for quick access to key functions. Options GPS positioning supports location-based dispatching and safety workflows.

#### Built for Professional Use

Real-Time Operating System (RTOS) ensures fast response and stable performance.

### TYPICAL APPLICATIONS

- Field operations and maintenance teams
- Security and patrol services
- Logistics and fleet coordination
- Event and venue management
- Construction, hospitality, retail and more

The FW-700 fits wherever fast, coordinated voice communication is critical to safety, productivity, and customer service.



Field Operations • Security & Patrol • Logistics • Fleets • Event Management



FREEWAY  
COMMUNICATIONS

## SPECIFICATIONS

### KEY FEATURES

|                  |                                                                                                |
|------------------|------------------------------------------------------------------------------------------------|
| Network support  | LTE and WIFI network radio (suitable for all kinds of networks, depending on operator support) |
| Call types       | Group call, single call, friendly call, emergency call                                         |
| PTT / side keys  | Dedicated PTT button, side key assignment (programmable side keys)                             |
| Operating system | RTOS (Real-Time Operating System)                                                              |
| GPS              | GPS positioning (optional, depending on configuration)                                         |
| Design           | Ultra-thin, handheld POC (push-to-talk over cellular) radio                                    |

### GENERAL

|                            |                                        |
|----------------------------|----------------------------------------|
| Dimensions (H × W × D)     | 108 mm × 58 mm × 30 mm                 |
| Weight (including battery) | ≈ 243 g                                |
| Working temperature        | -30 °C ~ +75 °C                        |
| Operating voltage          | DC 3.3 V – 4.2 V (recommended 3.7 V)   |
| Working current (peak)     | ≈ 0.6 A                                |
| Average current            | ≈ 540 mA @ UMTS2100; ≈ 239 mA @ GSM900 |
| Stand-by current           | ≈ 5 mA @ UMTS; ≈ 5 mA @ GSM            |
| Battery capacity           | 2500 mAh                               |
| Charger mode               | Micro USB                              |
| Maximum power consumption  | ≈ 2.2 μW                               |

### FREQUENCY & RF

|                      |                                                                |
|----------------------|----------------------------------------------------------------|
| LTE frequency bands  | FDD: B1 / B2 / B4 / B5 / B7 / B8 / B12 / B13 / B17 / B25 / B26 |
| Wifi frequency bands | 2.4 Ghz, 5 Ghz                                                 |
| TX power             | LTE: +22 dBm (3GPP TS 36.101 R9 Class 3)                       |
| RX sensitivity       | LTE: +22 dBm (3GPP TS 36.101 R9 Class 3)                       |

## LET'S TALK



**TELEPHONE**  
1 800 737 0674



**EMAIL ADDRESS**  
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### WHY CHOOSE FW-700?

- Replaced or complements traditional two-way radios with far greater coverage
- Reduces the need for private repeaters or ISED licensing
- Improved coordination and response times for dispersed teams
- Ergonomic device that staff are comfortable carrying and using

 **ROGERS**

 **TELUS**

**Bell**

 **AT&T**

**BellMTS**

 **WIND**

 **Movistar**

 **VIDÉOTRON**

**tbaytel**

**SaskTel**

**eastlink**

**Others**

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