

ETMY

IP68 DMR

# Professional digital walkie-talkies

## DMR Professional Digital Radio

Digital-analog compatibility · Short message function 1024 dual-half channel/32 area

# ET-D68



- 1.77 inch color screen
- AES256 (Optional)
- Wide and narrow band selection
- Noise cancellation
- Remote kill/activation
- AMBE+2™ Digital speech codec
- Individual call/group call/everything
- Programmable key function
- Speech encryption
- Scanning function
- Emergency alarm

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IP68 DMR Professional digital walkie-talkies **ET-D68**

### Product technical parameters

#### Whole machine part

|                          |                            |
|--------------------------|----------------------------|
| Power requirements       | 7.4V                       |
| Battery                  | 2200mAh (standard version) |
| Dimensions               | 134*61*39mm                |
| Weigh                    | Around 305g                |
| Waterproof and dustproof | IP68                       |
| LCD display              | Yes                        |
| AES                      | Optional                   |

#### General specification

|                     |                                |
|---------------------|--------------------------------|
| Frequency Range     | VHF: 136-174MHz UHF:400-470MHz |
| Channel capacity    | 1024/ 32 Zones                 |
| Channel spacing     | 6.25KHz / 12.5KHz / 25KHz      |
| Frequency stability | ±1ppm                          |

#### Reception performance

|                              |                                            |
|------------------------------|--------------------------------------------|
| Analog Sensitivity           | 0.22μV (12dB SINAD)                        |
| Digital Sensitivity          | 0.3uV/-117.4dBm (5% BER)                   |
| Intermodulation              | 55dB                                       |
| Adjacent Channel Selectivity | TIA603C: ≥55dB@12.5KHz ETSI: ≥55dB@12.5KHz |

#### Transmitter

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Output power        | Low:1W;High:5W                                                                                               |
| Audio Distortion    | ≤3%                                                                                                          |
| 4FSK modulation     | 12.5KHz data only: 7K60F1D&7K60FXD<br>12.5KHz voice only: 7K60F1E&7K60FXE<br>12.5KHz voice and data: 7K60FXW |
| Modulation Limiting | 2.5KHz @12.5KHz 5.0KHz @25KHz                                                                                |
| Digital Protocol    | ETSI TS 102 361-1, -2, -3                                                                                    |
| Vocoder             | AMBE+2™                                                                                                      |

#### Environmental

|                       |           |
|-----------------------|-----------|
| Operating Temperature | -20℃~+55℃ |
| Storage Temperature   | -40℃~+60℃ |

### Parts list



Host machine    Antenna    Battery    Back clip    Sling    Charging base    Charger

### Scope of application



Logistics team    Outdoor self-driving    Property security    Hotel catering    Construction site    Logistics warehouse

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