



# Baofeng DM-1801 Pro

Digital DMR Tier II / Analog VHF/UHF Handheld Radio · Specification summary



|                                |                                                                                                                        |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Frequency range</b>         | US TX 136-174/400-470 MHz; EU TX 144-146/430-440 MHz; RX 136-174/400-470 MHz; Airband RX 108-136 MHz; FM RX 65-108 MHz |
| <b>Transmit power</b>          | 7W/4W/1W                                                                                                               |
| <b>Channels</b>                | 4000; 250 zones                                                                                                        |
| <b>Battery</b>                 | 7.4V 2200mAh                                                                                                           |
| <b>Key features</b>            | DMR Tier II Dual Time Slot; 50000 CSV Contacts; Frequency Copy; 10-Hour DMR Recording; Man Down Alert                  |
| <b>Dimensions / weight</b>     | 133 x 61 x 34 mm; 269g                                                                                                 |
| <b>Transmit Frequency (TX)</b> | 136-174 MHz / 400-470 MHz (US); 144-146 MHz / 430-440                                                                  |
| <b>Receive Frequency (RX)</b>  | VHF 136-174 MHz / UHF 400-470 MHz / Aviation 108-136 MHz                                                               |
| <b>Output Power</b>            | 7W / 4W / 1W (Selectable)                                                                                              |
| <b>Operating Modes</b>         | DMR Digital / Analog                                                                                                   |
| <b>DMR Standard</b>            | Tier II, Dual Time Slot                                                                                                |
| <b>Channel Capacity</b>        | 4,000 Channels / 250 Zones                                                                                             |
| <b>Digital Contacts</b>        | 800 Standard Contacts + 50,000 CSV Contacts                                                                            |
| <b>DMR Voice Recording</b>     | Up to 10 Hours                                                                                                         |
| <b>Battery Capacity</b>        | 2,200mAh                                                                                                               |
| <b>Operating Voltage</b>       | 7.4V DC                                                                                                                |
| <b>Channel Spacing</b>         | 25 kHz / 12.5 kHz                                                                                                      |
| <b>Frequency Stability</b>     | ±2.5 ppm                                                                                                               |
| <b>Accessory Connector</b>     | Kenwood 2-Pin                                                                                                          |
| <b>Dimensions</b>              | 5.2 x 2.4 x 1.4 in / 133 x 61 x 34 mm                                                                                  |
| <b>Weight</b>                  | 9.49 oz / 269 g                                                                                                        |

Specifications are summarised from the manufacturer's published information (checked 2026-10-26). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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