



D-STAR Handheld Radio Selection Chart

Full-featured radios; Icom has the right radio for the right job



| RADIO/FEATURES | ID-51Plus | ID-51A | ID-31 | IC-80AD | IC-92AD |
|--------------------------------------|---|---|---|--|---|
| Production | Current | Discontinued | Current | Discontinued | Discontinued |
| My Callsign | 6 | 6 | 6 | 6 | 6 |
| Your Callsign | CQCQCQ / Gateway CQ / Your Callsign / RX History / TX History / Up to 200 | CQCQCQ / Gateway CQ / Your Callsign / RX History / TX History / Up to 200 | CQCQCQ / Gateway CQ / Your Callsign / RX History / TX History / Up to 200 | 60 | 60 |
| Repeater Callsign | Repeater List (750) | Repeater List (750) | Repeater List (700) | Repeater List (300) | 60 |
| DR Mode | Yes, Callsign and Repeater Information | Yes, Callsign and Repeater Information | Yes, Callsign and Repeater Information | Yes, Callsign Only | N/A |
| Receiver RPT Callsign Record | Off / On | Off / On | Off / On | Off /Auto | Off /Auto |
| Speech | RX Callsign Kerchunk / All) RX>CS, Letter / Phonetic | RX Callsign Kerchunk / All) RX>CS, Letter / Phonetic | RX Callsign Kerchunk / All) RX>CS, Letter / Phonetic | N/A | N/A |
| TX Message Memories | 5 | 5 | 5 | 5 | 5 |
| GPS Connectivity | Built-in | Built-in | Built-in | Optional GPS Speaker Mic | Optional GPS Speaker Mic |
| GPS Memory | Yes | Yes | Yes | Yes | Yes |
| Compass Display | Yes | Yes | Yes | D/F Display only | Yes |
| GPS Sending Mode | Off / GPS / GPS-A | Off / GPS / GPS-A | Off / GPS / GPS-A | Off / GPS / GPS-A | Off / GPS / GPS-A |
| GPS-A Symbol | 76 Types (preset) | 64 Types (preset) | 16 Types (preset) | 16 Types (preset) | 16 Types (preset) |
| GPS Auto Transmission | Off / 5, 10, 30 sec. / 1, 3, 5, 10, 30 Min. | Off / 5, 10, 30 sec. / 1, 3, 5, 10, 30 Min. | Off / 5, 10, 30 sec. / 1, 3, 5, 10, 30 Min. | Off / 5, 10, 30 sec. / 1, 3, 5, 10, 30 Min. | Off / 5, 10, 30 sec. / 1, 3, 5, 10, 30 Min. |
| GPS Sentence | RMC / GGA / GLL / GSA / VTG / GSV | RMC / GGA / GLL / GSA / VTG / GSV | RMC / GGA / GLL / GSA / VTG / GSV | RMC / GGA / GLL / GSA / VTG / GSV | RMC / GGA / GLL / GSA / VTG / GSV |
| GPS Alarm | Yes | Yes | Yes | Yes | Yes |
| Near Repeater (DV) | Yes | Yes | Yes | Yes (with optional GPS Speaker mic) | Yes (with optional GPS Speaker mic) |
| Unproto Address | AP151, D-STAR | AP151, D-STAR | AP131, D-STAR | AP180, D-STAR | AP192, D-STAR |
| Data Extension | Off / Course / Speed | Off / Course / Speed | Off / Course / Speed | Off / Course / Speed | Off / Course / Speed |
| Time Stamp | OFF / DHM / HMS | OFF / DHM / HMS | OFF / DHM / HMS | OFF / DHM / HMS | OFF / DHM / HMS |
| GPS Output | Yes, output via the data jack with function enabled | Yes, output via the data jack with function enabled | Yes, output via the data jack with function enabled | Yes, when optional GPS speaker mic is attached | N/A |
| GPS Logging | Yes, optional Micro SD card required | Yes, optional Micro SD card required | Yes, optional Micro SD card required | N/A | N/A |
| Charging | Comes with 3 hour quick charger | Comes with 3 hour quick charger | 16 Hours | 16 Hours | 16 Hours |
| EXCLUSIVE TO ID-51PLUS/ID-51A | | | | | |
| Independent AM/FM Receiver | Yes | Yes | N/A | N/A | N/A |
| CSV Formatted Communication Log | Yes | Yes | N/A | N/A | N/A |
| 10-Step Battery Voltage Indicator | Yes | Yes | N/A | N/A | N/A |



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|--------------------------------|-------------------------------|--------|-------|---------|---------|
| EXCLUSIVE TO ID-51 PLUS | | | | | |
| Near Repeater (FM) | Yes | N/A | N/A | N/A | N/A |
| RS-MS1A Android App Interface | Yes, with optional OPC-2530LU | N/A | N/A | N/A | N/A |
| QSO Recording | Yes | N/A | N/A | N/A | N/A |
| Auto Position Reply Function | Yes | N/A | N/A | N/A | N/A |
| Audio Recording TX | Yes | N/A | N/A | N/A | N/A |
| DV Fast Data Mode | Yes | N/A | N/A | N/A | N/A |

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