

D-STAR Mobile Radio Selection Chart

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RADIO/FEATURES	ID-4100A	ID-5100A	IC-7100	ID-880H
Production	Current	Current	Current	Discontinued
D-STAR Ready	Yes	Yes	Yes	Yes
Mode	AM / FM / DV	FM / DV	AM / FM / SSB / CW / DV	FM / DV
Transmit Power	50 / 15 / 5W	50 / 15 / 5W	100W (HF/6M) 50W (VHF) 35W (UHF)	50 / 15 / 5W
Digital Monitor	Auto / Digital / Analog	Auto / Digital / Analog	Auto / Digital / Analog	Auto / Digital / Analog
DR Mode	DV / FM	DV / FM	DV / FM	1st Generation (Select Uplink/Downlink/Transmit)
Near Repeater	DV / FM / ALL	DV / FM / All	DV (optional GPS unit required)	N/A
Receivers	Single	Dual	Single	Single
Display	Full Dot-Matrix	Touch Screen	Touch Screen	LCD
Character Size	Fixed	Variable	Variable	Fixed
Remote Head Mount	Optional (MBA-8 / MBF-1 required)	Magnet	Optional (MBA-1 / MBF-2 required)	Magnetic
Band Scope	Yes	Yes	Yes	No
D-STAR Dualwatch	N/A	Yes, RX 1 signal at a time	N/A	No
DV Automatic Detection	Off / On	Off / On	Off / On	Off / On
One Touch Reply	Yes	Yes	Yes	Yes
Auto Answer / Reply	Off / On / Voice	Off / On / Voice	Off / On / Voice	Off / On
DV Data Sending	PTT / Auto	PTT / Auto	PTT / Auto	PTT / Auto
Data Cable	Yes (OPC-1529R)	Yes (OPC-1529R)	Yes (OPC-1529R)	Yes (OPC-1529R)
Sound Recorder Function	Yes (Optional SD card required)	Yes (Optional SD card required)	Yes (Optional SD card required)	N/A
Memory Channels	1000	1000	900	1000
Memory Banks	26	26	25	26
Memory Name	16 Character	16 Character	16 Character	8 Character
Frequency/Name Priority	Frequency / Name	Frequency / Name	Frequency / Name	Frequency / Name
Call Channel	4	2	4	2
Scan Edges	25	25	6	25
DTMF Memory	16	16	16	16
Digital RPT Set	Off / On	Off / On	Off / On	Off / On
My Callsign	6	6	6	6
Your Callsign	200	200	200	60
Repeater Callsign	Repeater List (1200)	Repeater List (1200)	Repeater List (1200)	Repeater List (300)
Received Callsign Record	Off / Auto (50)	Off / Auto (50)	Off / Auto (50)	Off / Auto (20)
Received RPT Callsign Record	Yes	N/A	Yes	Off/Auto
TX Message	5	5	5	5
TX GPS Message	1	1	1	1
RX Message	1	1	1	1

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