



I'm ready for a **D-STAR portable** radio.
Which one is right for me?

DIGITAL

D-STAR Portables	FEATURES	IC-V82/U82	IC-80AD	IC-91AD	IC-92AD
	Digital Functionality	D-STAR Upgradable	D-STAR Ready	D-STAR Ready (IC-91A is Upgradable)	D-STAR Ready
Display	LCD	LCD	Dot-Matrix	Dot-Matrix	
Character Magnification	N/A	N/A	Yes	Yes	
Memory Name	8 Character	8 Character	8 Character	8 Character	
Band Scope	N/A	N/A	Yes	Yes	
Menu Function	N/A	Yes	Yes	Yes	
Memory Channels	200	1000	850 A Band 400 B Band	850 A Band 400 B Band	
Program Scan Edge Channels	6	50	50 A Band 50 B Band	50 A Band 50 B Band	
Call Channel	1	2	2 A Band 2 B Band	2 A Band 2 B Band	
Memory Channel Banks	10	26	26	26	
• My Call Sign	6	6	6	6	
• Your Call Sign	6	60	60	60	
• Repeater Call Sign	6(R1C) + 6(R2C)	Repeater List (300)	60	60	
• Repeater List	N/A	300	N/A	N/A	
TX Message Channel	6	5	5	5	
GPS Memory	0	50	0	100	
DTMF Memory	16	16	10	10	
PC Control (RS)	N/A	N/A	Yes	Yes	
Data Transfer	Yes (OPC-1529)	Yes (OPC-1529)	Yes (OPC-1529)	Yes (OPC-1799)	
Auto Reply	Off/On	Off/On	Off/On/Voice	Off/On/Voice	
Received RPT Callsign Record	Off/On	Off / Auto	Off / Auto	Off / Auto	
Voice Recorder Function	N/A	N/A	Yes	Yes	
One Touch Respond	N/A	Yes	Yes	Yes	
DR Mode	N/A	Yes	N/A	N/A	
GPS Connectivity	Optional / External	Optional GPS Speaker Mic	Optional / External	Optional GPS Speaker Mic	
• Compass Display	N/A	D/F Display Only	N/A	Yes	
• GPS Sending Mode	Off / GPS	Off / GPS / GPS-A	Off / Select / Auto	Off / GPS/ GPS-A	
• GPS Sentence	RMC / GGA / GGL / GSA / VTG	RMC / GGA / GLL / GSA / VTG / GSV	RMC / GGA / GGL / GSA / VTG	RMC / GGA / GGL / GSA / VTG / GSV	
• GPS Auto Transmission	Off / 30 sec / 1 min / 3 min / 5 min / 10 min / 30 min	Off / 5 sec / 10 sec / 30 sec / 1 min / 3 min / 5 min / 10 min / 30 min	Off/ 5 sec / 10 sec / 30 sec / 1 min / 3 min / 5 min / 10 min / 30 min	Off / 5 sec / 10 sec / 30 sec / 1 min / 3 min / 5 min / 10 min / 30 min	
DV Automatic Detection	N/A	Off / On	Off / On	Off / On	
Callsign Compillation History	Off / Select / Auto	Off / Select / Auto	Off / Select / Auto	Off / Select / Auto	
GPS Memory	N/A	Yes	N/A	Yes	

D-STAR Portables	FEATURES	IC-V82/U82	IC-80AD	IC-91AD	IC-92AD
	GPS Alarm	N/A	Yes	N/A	Yes
	GPS-A Function	N/A	Yes	N/A	Yes
	Unproto Address	N/A	AP180, D-STAR	N/A	AP192, D-STAR
	Data Extension	N/A	Off / CUR-SPD	N/A	Off / Course / Speed
	Time Stamp	N/A	Off / DHM / HMS	N/A	Off / DHM / HMS
	Comment (Ext)	N/A	36	N/A	36
	GPS-A Symbol	N/A	16 Types (preset)	N/A	16 Types (preset)
	Comment Record	N/A	Yes	N/A	Yes
	Comment (Expansion)	N/A	Yes	N/A	Yes
	Waterproof Rating	N/A	IPX4	IPX4	IPX7
	Transmit Power	VHF 7.0 / 4.0 / 0.5 W UHF 5.0 / 2.0 / 0.5 W (High/mid/low)	5 / 0.5 W (High/mid/low/ super low)	5 / 0.5 W (High/low)	5.0 / 2.5 / 0.5 / 0.1 W (High/mid/low/ super low)
Weight	390 g; 13.8 oz.	290 g; 10.3 oz.	300 g; 10.6 oz.	325 g; 11.5 oz.	



IC-V82/U82



IC-80AD
shown with optional
GPS speaker mic



IC-91AD



IC-92AD