



U.S. Amateur Retail Price Book

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Contents

Handhelds	3
V86	4
T10.....	7
705.....	9
ID50A.....	11
ID52A.....	15
Mobiles	18
V3500.....	19
2730A.....	21
ID5100A.....	23
HF.....	25
718.....	26
7100.....	29
7300.....	31
7610.....	33
9700.....	35
905.....	37
Receivers.....	39
R6	40
R15	42
R8600	44
Discontinued Radios.....	46
R9500	47
7851	48
2300H	49
V80 Sport.....	50
ID4100A.....	51
ID31A & ID51A.....	52
9100.....	54
T70A	55
7200.....	56
92AD.....	57
R30	58

Handhelds



V86

VHF FM Handheld

SPECS

Frequencies:	144-148MHz
Modes:	FM
Output Power:	7.0W, 5.5W, 2.5W, 0.5W (High, Mid, Low)
Channels:	207 (200 alphanumeric, 1 call, 6 scan edges)
Waterproof Rating:	IP54 dust-and splash proof
Weight:	10g (w/BP298)
Numbers in Case:	10
Warranty:	1 Year



FEATURES

- Built-in DTCS/CTCSS encode/decode and tone scan
- Internal VOX function
- PC programmable
- Selectable volume level, VFO/memory channel selection control
- Mil Spec 810 C, D, E, F, G

SUPPLIED ACCESSORIES

- Antenna (FA45V)
- Battery (BP298)
- Belt clip (MB124)
- Charger (BC240)
- 1 year warranty



IP54
DUST PROTECTION
& SPLASH PROOF

V86

VHF FM Handheld

Configurations

Model	Description	MSRP
V86 12	2m 7W VHF handheld	\$156.00

Accessories

Model	Description	MSRP
Antennas		
FAB45V	144-148MHz antenna	\$21.00
Batteries		
BP263	Battery case that holds 6 AA alkaline batteries	\$32.00
BP298	2250mAh li-ion battery	\$77.00
BP299	3150mAh li-ion battery for the V86	\$95.00
Belt Clips		
MB124	Alligator type belt clip	\$13.00
Cables		
OPC515L	DC power cable for single unit rapid chargers	\$28.00
Chargers		
BC157S	AC adapter for gang chargers; 100-240V with US style plug	\$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	\$168.00
BC214N 27	Six unit charger for radios with the BP298/BP299 battery	\$536.00
BC240	Rapid charger for the V86	\$75.00
BC242	AC adapter	\$26.00
CP23L	12V cigarette lighter cable for use with rapid chargers	\$40.00
MB130	Vehicle charger bracket holds rapid charger; requires cigarette lighter cable	\$88.00
Headsets		
HS94LWP	Earhook headset with boom microphone with 2-pin screw down connector for hands-free operation.	\$63.00
HS95LWP	Behind-the-head type with boom microphone with 2-pin screw down connector	\$305.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	\$45.00
OPC2004LA	VOX conversion cable to use the HS-97 for the F1000/D products	\$28.00
VS4LA	PTT switch cable to communicate using the HS94/95/97	\$123.00
Microphones		
HM158LA	Compact speaker microphone with revolving clip and earphone jack (right angle 2-pin screw down connector, stereo mic/mono speaker)	\$50.00
HM159LA	Large speaker microphone with earphone jack and metal alligator clip (right angle 2-pin screw down connector, stereo mic/mono speaker)	\$84.00
HM168LWP	Waterproof speaker microphone	\$150.00
HM222HLWP	IP68 speaker mic	\$152.00
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	\$34.00
Software & Cables		
CSV86	V86 programming software	\$42.00

V86

VHF FM Handheld

Accessories

Model	Description	MSRP
Wire Kits		
HM166LA	Earphone microphone with 2-pin right angle connector	\$62.00

T10

VHF UHF Dual Band Handheld

SPECS

Frequencies:	TX 144-148, 430-450MHz RX 136-174, 400-479MHz
Modes:	FM
Output Power:	5W/2.5W/0.5W
Channels:	208 (2 call and 6 scan edges)
Waterproof Rating:	IP67
Weight:	278g, 9.8oz (w/BP280)
Number in Case:	10



FEATURES

- Home button for calling channel access
- 1500mW loud audio
- PC programmable
- Up to 11 hours of operation
- 6-character channel name
- 16 DTMF autodial memories
- Priority, program, memory, skip, and tone scan
- Direct-conversion system eliminates IF stages

SUPPLIED ACCESSORIES

- Antenna (FASC270C)
- Battery (BP280)
- Belt clip (MB133)
- Rapid charger (BC213)
- AC adapter cable (BC242)
- Owner's manual
- Warranty: 1-year

T10

VHF UHF Dual Band Handheld

Configurations

Model	Description	MSRP
T10 32 USA	5W VHF/UHF dual-band handheld	\$259.00

Accessories

Model	Description	MSRP
Antennas		
FAS270C	Wideband RX antenna (SMA)	\$37.00
Batteries		
BP280	Li-ion 7.2V 2280mAh battery	\$100.00
Belt Clips		
MB133	Alligator type belt clip	\$18.00
Chargers		
AD149H	IC-T10 DC battery adapter, requires the CP-12L or OPC-254L	\$69.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	\$168.00
BC213	Rapid charger with a US plug for radios with the BP279/BP280 battery (BC-123SA or BC242 included)	\$64.00
BC214	Six bank charger with US plug AC adapter and cups installed	\$541.00
BC214E	Six bank charger with EURO plug AC adapter and cups installed	\$541.00
BC242	AC adapter	\$26.00
CP23L	12V cigarette lighter cable for use with rapid chargers	\$40.00
MB130	Vehicle charger bracket holds rapid charger; requires cigarette lighter cable	\$88.00
Headsets		
HS94LWP	Earhook headset with boom microphone with 2-pin screw down connector for hands-free operation.	\$63.00
HS95LWP	Behind-the-head type with boom microphone with 2-pin screw down connector	\$305.00
Microphones		
HM158LA	Compact speaker microphone with revolving clip and earphone jack (right angle 2-pin screw down connector, stereo mic/mono speaker)	\$50.00
HM159LA	Large speaker microphone with earphone jack and metal alligator clip (right angle 2-pin screw down connector, stereo mic/mono speaker)	\$84.00
HM168LWP	Waterproof speaker microphone	\$150.00
HM222HLWP	IP68 speaker mic	\$152.00
Software & Cables		
OPC478UD	USB programming cable (2-pin connectors handhelds)	\$95.00
Wire Kits		
HM166LA	Earphone microphone with 2-pin right angle connector	\$62.00

705

HF/50/144/440 MHz Multimode Handheld

SPECS

Frequencies:	RX 0.030–199.999*1, 400.000–470.000* TX 1.800–1.999 3.500–3.999 5.255– 5.405*1 7.000–7.300 10.100–10.150 14.000–14.350 18.068–18.168 21.000– 21.450 24.890–24.990 28.000–29.700 50.000–54.000 144.000–148.000 430.000–450.000 * Some frequency bands are not guaranteed
Receiver System:	RF Direct Sampling at 0.030– 24.999 MHz Down Conversion IF Sampling at 25 MHz and above
Modes:	USB, LSB, CW, RTTY, AM, DV, FM, WFM (Rx only)
Output Power:	13.8V DC (10W SSB/CW/RTTY/FM/DV) (2.5W AM) 7.4V DC (5W SSB/CW/RTTY/FM/DV) (1.25W AM)
DSP Type:	FPGA
Channels:	529 (500 regular, 25 scan edges, 4 call)
Weight:	2.4lbs (Including BP272)
Number in Case:	4



FEATURES

- Real-time Spectrum Scope and Waterfall display
- D-STAR functions
- GPS location logging and internal clock synchronization
- Large 4.3" color touch screen
- Built-in Bluetooth™ and wireless LAN for smartphone linking and remote control
- MicroSD card slot: store user profiles, QSO recording, TX voice memory keyer, RTTY logging, GPS data, and screen captures

SUPPLIED ACCESSORIES

- Speaker microphone (HM243)
- Battery pack (BP273)
- DC power cable (OPC2421)
- Owner's manual
- Warranty: 1-year

705

HF/50/144/440 MHz Multimode Handheld

Configurations

Model	Description	MSRP
705 42 USA	5-10W HF/6m/2m/70cm portable	\$1,599.00

Accessories

Model	Description	MSRP
Antenna Tuners		
AH705	HF/6M automatic antenna tuner	\$457.00
Antennas		
AL705	QRP portable magnetic antenna	\$429.00
Batteries		
BP272	Li-ion 7.4V 2000mAh (typical capacity), 1880mAh (minimum value)	\$164.00
BP307	Li-ion battery pack 7.2 V, 3 150 mAh (typ.)	\$168.00
Cables		
OPC2417	Micro USB to micro USB cable	\$28.00
OPC2418	USB type-C to micro USB cable	\$28.00
OPC2421	DC power cable	\$42.00
OPC2474	Control cable (5m, 16.4 ft)	\$43.00
OPC2475	Coaxial cable (5m, 16.4 ft)	\$80.00
OPC2477	Control cable, 2m, 6.6 ft for AH-705 & IC-705	\$0.00
Carrying Cases		
LC192	Backpack for the IC-705 & IC-905	\$215.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	\$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	\$28.00
BC202IP3AC	Kit includes BC-202IP3L rapid charger with BC-123SA AC adapter	\$65.00
BC202IP3L	Rapid charger. Requires either BC123S, BC-228, or CP-25H.	\$69.00
BC228	AC adapter for connectable chargers (BC226, BC202IP3, & BC257). Use one BC228 for up to 4 BC257's, 6 BC202IP3 or BC226 chargers.	\$79.00
CP25H	Cigarette lighter cable to use with the BC-202IP3L rapid charger	\$29.00
Headsets		
VS3	Compact lapel PTT Bluetooth with earphone w/3.5mm jack	\$184.00
Microphones		
HM243	Speaker microphone for the IC-705 & IC-905	\$107.00
Miscellaneous		
MBF705	Desktop tray for the IC-705 & IC-905	\$53.00
Software & Cables		
RS-BA1 V2 22	IP remote control software for amateur radios	\$158.00

ID50A

VHF UHF Dual Band Handheld

SPECS

Frequencies:	TX 144-148, 430-450MHz* RX (A band) 108-174, 375-479MHz (B band) 137-174, 375-479* Broadcast 88-108 *Guaranteed range 144-148, 440-450MHz
Modes:	DV, FM, FM-N, WFM AM, AM-N
Output Power:	5.0W
Channels:	500 MEMORY CHANNELS, 4 CALL CHANNELS, 25 SCAN EDGES, 100 skip channels, 500 broadcast stations, 2500 repeaters, 300 call signs, and 300 GPS memories
Waterproof Rating:	IPX7
Weight:	330g, 10.6oz (w/BP272 & FAS270C)
Number in Case:	10



FEATURES

- Waterfall display
- Dualwatch function
- Access point and terminal mode
- D-STAR repeater function
- D-STAR picture share
- Built-in GPS receiver
- MicroSD card slot
- USB Type-C™ connection
- QSO log in CSV data format
- Voice recorder function
- 750mW loud audio
- Weather channel receive

SUPPLIED ACCESSORIES

- Antenna (FAS270C)
- Battery (BP272)
- Belt clip (MB127)
- Hand strap
- Owner's manual
- Warranty: 1-year

IPX7

ID50A

VHF UHF Dual Band Handheld

Configurations

Model	Description	MSRP
ID50A 15 USA	D-STAR dual-band handheld with waterfall display	\$529.00

Accessories

Model	Description	MSRP
Antennas		
AD92SMA	Antenna connector adapter to connect a BNC-type antenna	\$22.00
FAS270C	Wideband RX antenna (SMA)	\$37.00
Batteries		
BP272	Li-ion 7.4V 2000mAh (typical capacity), 1880mAh (minimum value)	\$164.00
BP273	Battery case that holds 3 AA alkaline batteries	\$72.00
BP307	Li-ion battery pack 7.2 V, 3 150 mAh (typ.)	\$168.00
Belt Clips		
MB127	Alligator belt clip	\$19.00
Cables		
OPC2144	Right angle plug adapter cable to plug old straight pin connector headsets into (recommended to use with OPC478UC, not needed with OPC478UD when programming radios)	\$38.00
OPC2417	Micro USB to micro USB cable	\$28.00
OPC2418	USB type-C to micro USB cable	\$28.00
OPC254L	Power supply cable; 10-14V DC required for high power output	\$29.00
OPC515L	DC power cable for single unit rapid chargers	\$28.00
Carrying Cases		
LC202 12	Carrying case for the ID-50A	\$29.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	\$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	\$28.00
BC167SA	Wall trickle charger; 100-240V with US style plug	\$37.00
BC202IP3AC	Kit includes BC-202IP3L rapid charger with BC-123SA AC adapter	\$65.00
BC202IP3L	Rapid charger. Requires either BC123S, BC-228, or CP-25H.	\$69.00
BC228	AC adapter for connectable chargers (BC226, BC202IP3, & BC257). Use one BC228 for up to 4 BC257's, 6 BC202IP3 or BC226 chargers.	\$79.00
CP12L 21	Cigarette lighter cable with noise filter and right-angle connector. For direct use on the ID-52A.	\$49.00
CP25H	Cigarette lighter cable to use with the BC-202IP3L rapid charger	\$29.00
Headsets		
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	\$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	\$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	\$45.00
OPC2006LS	Adapter plug with VOX and no PTT to use with the HS94/95/97	\$37.00
Microphones		
HM183LS	Waterproof compact speaker microphone (2-pin connector)	\$128.00
HM186LS	Compact speaker microphone with earphone jack (2-pin connector)	\$69.00

ID50A

VHF UHF Dual Band Handheld

Accessories

Model	Description	MSRP
HM243LS 32	Speaker microphone for the ID-50A (2-pin connector)	\$79.00
SP40	Earphone with 3.5mm plug	\$32.00
Wire Kits		
HM153LS	Microphone with 2.5mm earphone combination (right angle 2-pin connector)	\$137.00
HM166LS	Earphone microphone with two pin right angle connector	\$105.00

ID52A

VHF UHF Dual Band Handheld

SPECS

Frequencies:	TX 144-148, 430-450MHz RX 430-450MHz* Broadcast 88-108 *Guaranteed range 144-148, 440-450MHz
Modes:	DV, FM, FM-N WGM*. AM*, AM-N*, *RX only
Output Power:	5W
Channels:	1000 memory channels, 4 call channels, 50 scan edges, 100 skip channels, 500 broadcast stations, 2500 repeaters, 300 call signs, and 300 GPS memories
Waterproof Rating:	IPX7
Weight:	330g, 11.6oz (w/BP272 & FAS270C)
Number in Case:	10



FEATURES

- Large color screen
- Bluetooth®
- Waterfall display
- Dualwatch function
- Access point and terminal mode
- D-STAR repeater function
- D-STAR picture share
- Built-in GPS/GLONASS receiver
- MicroSD card slot
- Micro USB connector
- Improved heat dissipation efficiency
- QSO log in CSV data format
- Voice recorder function
- 750mW loud audio
- Weather channel receive

SUPPLIED ACCESSORIES

- Antenna (FAS270C)
- Battery (BP272)
- Belt clip (MB127)
- Wall charger (BC167SA)
- Hand strap
- Owner's manual
- Warranty: 1-year

ID52A

VHF UHF Dual Band Handheld

Configurations

Model	Description	MSRP
ID52A 15 USA	D-STAR dual-band handheld with full color display	\$734.00

Accessories

Model	Description	MSRP
Antennas		
AD92SMA	Antenna connector adapter to connect a BNC-type antenna	\$22.00
FAS270C	Wideband RX antenna (SMA)	\$37.00
Batteries		
BP272	Li-ion 7.4V 2000mAh (typical capacity), 1880mAh (minimum value)	\$164.00
BP273	Battery case that holds 3 AA alkaline batteries	\$72.00
BP307	Li-ion battery pack 7.2 V, 3 150 mAh (typ.)	\$168.00
Belt Clips		
MB127	Alligator belt clip	\$19.00
Cables		
OPC2144	Right angle plug adapter cable to plug old straight pin connector headsets into (recommended to use with OPC478UC, not needed with OPC478UD when programming radios)	\$38.00
OPC2417	Micro USB to micro USB cable	\$28.00
OPC2418	USB type-C to micro USB cable	\$28.00
OPC254L	Power supply cable; 10-14V DC required for high power output	\$29.00
OPC515L	DC power cable for single unit rapid chargers	\$28.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	\$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	\$28.00
BC167SA	Wall trickle charger; 100-240V with US style plug	\$37.00
BC202IP3AC	Kit includes BC-202IP3L rapid charger with BC-123SA AC adapter	\$65.00
BC202IP3L	Rapid charger. Requires either BC123S, BC-228, or CP-25H.	\$69.00
BC228	AC adapter for connectable chargers (BC226, BC202IP3, & BC257). Use one BC228 for up to 4 BC257's, 6 BC202IP3 or BC226 chargers.	\$79.00
CP12L 21	Cigarette lighter cable with noise filter and right-angle connector. For direct use on the ID-52A.	\$49.00
CP25H	Cigarette lighter cable to use with the BC-202IP3L rapid charger	\$29.00
Headsets		
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	\$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	\$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	\$45.00
OPC2006LS	Adapter plug with VOX and no PTT to use with the HS94/95/97	\$37.00
VS3	Compact lapel PTT Bluetooth with earphone w/3.5mm jack	\$184.00
Microphones		
HM183LS	Waterproof compact speaker microphone (2-pin connector)	\$128.00
HM186LS	Compact speaker microphone with earphone jack (2-pin connector)	\$69.00
SP40	Earphone with 3.5mm plug	\$32.00

ID52A

VHF UHF Dual Band Handheld

Accessories

Model	Description	MSRP
Wire Kits		
HM153LS	Microphone with 2.5mm earphone combination (right angle 2-pin connector)	\$137.00
HM166LS	Earphone microphone with two pin right angle connector	\$105.00

Mobiles



V3500

144 MHz FM Mobile

SPECS

Frequencies:	TX: 136-174MHz Guaranteed range: 144-148MHz
Modes:	FM
Output Power:	65W/25W/10W/5W
Channels:	208 (200 alphanumeric memories, 1 call channel and 6 scan edges)
Weight:	2.4lb
Number in Case:	4



FEATURES

- White LCD screen with day and night modes
- 1500mW speakers
- Emergency call and speaker notification
- Built-in CTCSS and DTCS
- Dynamic backlink scan function
- 16 DTMF autodial memory channels
- Priority watch function
- Wide/narrow channel setting
- Power supply voltage setting
- Power supply voltage display
- Remote programming via microphone

SUPPLIED ACCESSORIES

- Remote control mic (HM133V)
- Mounting bracket kit
- Belt clip (MB133)
- DC power cable
- Spare fuses
- Owner's manual
- Warranty: 1-year

V3500

144 MHz FM Mobile

Configurations

Model	Description	MSRP
V3500 65 USA	65W 144MHz FM mobile with white display	\$259.00

Accessories

Model	Description	MSRP
Cables		
OPC1132	DC power cable (9.8ft) with 2-pin T connector.	\$48.00
OPC440	Microphone extension cable (RJ-45 M/F) (16.4ft)	\$107.00
OPC589	Microphone adapter cable (8 pin to RJ-45)	\$48.00
External Speakers		
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$64.00
Microphones		
HM133V	Standard partial function remote microphone (squelch only) 2300H/V8000	\$113.00
HM154	Simple microphone for Amateur mobile radios (RJ45)	\$59.00
Software & Cables		
OPC478UD	USB programming cable (2-pin connectors handhelds)	\$95.00

2730A

VHF/UHF Dual Band Mobile

SPECS

Frequencies*:	Transmit: 144-148, 430-450MHz Receiver: 118-174, 375-550MHz *Guaranteed range: 144-148, 430-450MHz
Modes:	F2D, F3E
Output Power:	50/15/5W
Channels:	1052 (incl. 50 scan edges and 2 call)
Weight:	Main unit: 2.65lb Controller: 4.94oz
Number in Case:	5



FEATURES

- Bluetooth® headset for hands free communication and remote control of the radio with three programmable buttons
- Multiple mounting options
- V/U, U/U simultaneous receive capability
- Independent controls for each band
- Durable PA module, 50W output power for VHF and UHF bands
- 104 DTCS and 50 CTCSS tone codes
- Split tone function allows you to encode and decode different CTCSS/DTCS tones
- Squelch delay and squelch attenuator
- Sub band auto mute function
- Sub band busy beep function
- Auto repeater functions
- Auto power off
- Time-out-timer
- 16 DTMF auto dial memories
- Weather channel receive with weather alert
- CI-V remote control capability

SUPPLIED ACCESSORIES

- Hand microphone (HM207)
- DC power cable (OPC345A)
- Controller cable (OPC837, 11.4ft)
- Microphone hanger
- Spare fuses
- Owner's manual
- Warranty: 1-year



2730A

VHF/UHF Dual Band Mobile

Configurations

Model	Description	MSRP
2730A 35	VHF/UHF dual band transceiver	\$387.00

Accessories

Model	Description	MSRP
Cables		
OPC2500	2 m, 6.56 ft extension cable for HM-245	\$39.00
OPC440	Microphone extension cable (RJ-45 M/F) (16.4ft)	\$107.00
OPC589	Microphone adapter cable (8 pin to RJ-45)	\$48.00
Encryption & Internal Modules		
UT133	Bluetooth unit	\$105.00
External Speakers		
SP30	20W large external speaker	\$123.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$64.00
Headsets		
VS3	Compact lapel PTT Bluetooth with earphone w/3.5mm jack	\$184.00
Microphones		
HM154	Simple microphone for Amateur mobile radios (RJ45)	\$59.00
HM207	Control hand microphone (ID-5100)	\$105.00
HM249 12	Hands-free microphone for mobile radios	\$169.00
Mounting Hardware		
MB2730B	Base station mount (MBF4 + MBA4)	\$91.00
MBA4	Bracket to attach the controller to the main unit	\$69.00
MBF4	Mounting bracket for the ID5100	\$38.00
Remote Mounting		
MB2730R	Remote head kit w/mobile bracket (MBF4 + MBA5)	\$69.00
MB2730R1	Glass mount remote head kit w/mobile bracket (MBF1+MBF4+MBA5)	\$160.00
MBA5	Bracket to attach the controller to the MBF-1	\$43.00
MBF1	Remote head mount. Adhesive pad and adjustable pivot points holds it securely. Requires MBA5, MBA7 or MBA8.	\$91.00
OPC1156	Remote head extension cable (3.5m)	\$42.00
Software & Cables		
OPC478UD	USB programming cable (2-pin connectors handhelds)	\$95.00

ID5100A

D-STAR Dual Band Digital Mobile

SPECS

Frequencies:	TX 144-148, 430-450MHz RX 118-174, 375-550MHz
Type of Emission:	F2D, F3E, F7W
Modes:	FM, FM-N, DV, AM (receive only)
Output Power:	50W, 15W, 5W selectable
Channels:	1000 regular channels, 4 call channels, 50 program scan edges and 1200 repeater memories
Dimensions (W x H x D):	
Main Unit:	5.91x1.57x6.8in
Controller:	7.17x3.21x0.97in
Weight:	
Main Unit:	2.87lb
Controller:	9.17oz
Number in Case:	5



FEATURES

- Intuitive touch screen operation
- V/U, V/V, U/U Dual receive
- DV Dualwatch
- GPS receiver
- DV/FM Repeater list function
- Dplus reflector linking
- Built-in CTCSS/DTCS encoder and decoder
- Bluetooth options
- Send pictures over DV mode
- Menu-driven user interface
- Convenient memory contents management using CSV data format
- Speech function announces operating frequency, mode and received callsign (DV mode)
- Enhanced D-PRS functions with object, position, item and weather formats

SUPPLIED ACCESSORIES

- Hand microphone (HM-207)
- Controller cable (OPC1154A 3.5M; 11.4ft)
- Controller bracket (MBA-2)
- Microphone hanger
- CD (CS-5100 & instruction handbook PDF)
- Spare fuse
- Owner's manual
- Warranty: 1-year

ID5100A

D-STAR Dual Band Digital Mobile

Configurations

Model	Description	MSRP
ID5100AD 15 USA	Dual band, 2m/70cm (144-148/420-450MHz), D-Star mobile radio with MBA-2 remote mounting bracket included	\$590.00

Accessories

Model	Description	MSRP
Cables		
OPC1132	DC power cable (9.8ft) with 2-pin T connector.	\$48.00
OPC1529R	Data cable (RS232 to 3.5mm)	\$44.00
OPC2500	2 m, 6.56 ft extension cable for HM-245	\$39.00
OPC440	Microphone extension cable (RJ-45 M/F) (16.4ft)	\$107.00
OPC589	Microphone adapter cable (8 pin to RJ-45)	\$48.00
Encryption & Internal Modules		
UT133	Bluetooth unit	\$105.00
External Speakers		
SP30	20W large external speaker	\$123.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$64.00
Headsets		
VS3	Compact lapel PTT Bluetooth with earphone w/3.5mm jack	\$184.00
Microphones		
HM154	Simple microphone for Amateur mobile radios (RJ45)	\$59.00
HM207	Control hand microphone (ID-5100)	\$105.00
HM249 12	Hands-free microphone for mobile radios	\$169.00
Mounting Hardware		
MBF4	Mounting bracket for the ID5100	\$38.00
Remote Mounting		
MBA2	Remote head mounting bracket for the ID5100A	\$43.00
MBF1	Remote head mount. Adhesive pad and adjustable pivot points holds it securely. Requires MBA5, MBA7 or MBA8.	\$91.00
OPC1156	Remote head extension cable (3.5m)	\$42.00
Software & Cables		
OPC2218LU	Cloning/data cable with USB connector for ID51A/ID31A/5100A/7100	\$81.00
OPC478UD	USB programming cable (2-pin connectors handhelds)	\$95.00

HF



718

HF All Band Base Station

SPECS

Frequencies:	RX 0.030-29.999MHz*
	TX 1.800-1.999 MHz**
	3.500-3.999 MHz**
	7.000-7.300 MHz
	10.100-10.150 MHz
	14.000-14.350 MHz
	18.068-18.168 MHz
	21.000-21.450 MHz
	24.890-24.990 MHz
	28.000-29.700 MHz
	*Guaranteed 0.5-29.999MHz
	**Varies according to version
Receiver System:	Double conversion
Modes:	USB, LSB, CW, RTTY (FSK), AM
Output Power:	SSB, CW, RTTY, 2-100W; AM 2-35W
DSP Type:	AF (optional)
Channels:	101 (99 regular, 2 scan edges)
Weight:	8.4 lb 134.4 oz
Number in Case:	2



FEATURES

- FPGA digital filtering system
- One touch band switching
- Simple to use
- CW keyer built-in
- 12V operation
- Direct frequency input
- VOX built-in
- General coverage receiver
- Front mounted speaker

SUPPLIED ACCESSORIES

- Microphone (HM219)
- DC power cable
- Spare fuses
- Owner's manual
- Warranty: 1-year

718

HF All Band Base Station

Configurations

Model	Description	MSRP
718 72 USA	100W HF transceiver with AF DSP	\$1,099.00

Accessories

Model	Description	MSRP
Antenna Tuners		
AH730	Automatic antenna tuner, 1.8 – 54 MHz	\$699.00
Antennas		
AH2B	Antenna element/base	\$641.00
AH710	Folded dipole antenna with an SO-239 connector. Covers 1.9 to 30MHz band. Length is approx 80.3ft.	\$525.00
AH740	Relay-driven compact automatic tuning antenna 2.5MHz-29.999MHz	\$2,468.00
Cables		
OPC025D	12V DC power cord with 6-pin connector for HF radios (718/706MK2/G/756PRO/2)	\$48.00
OPC2321	Control cable adapter to 4 pin type for AH740	\$184.00
OPC2361	DC power cord with 25A fuse for 718/78/7300	\$69.00
OPC599	Cable adapter converts 13-pin ACC connector to 7-pin & 8-pin ACC connector	\$85.00
External Speakers		
SP33	Base station speaker (4Ohm)	\$137.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$64.00
Microphones		
HM219	Hand microphone 7300/7610/9700	\$58.00
SM30	Compact desktop microphone with low cut function	\$239.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function	\$431.00
Mounting Hardware		
MB23	Carry handle and mounting hardware for the IC-718/77/707/821H/R8500/R75	\$23.00

7100

HF/VHF/UHF Base Station

SPECS

Frequencies: RX 0.030-199.999, 400.000-470.000MHz*
TX 1.800-1.999; 3.500-3.999;
5.255-5.405*; 7.000-7.300;
10.100-10.150; 14.000-14.350;
18.068-18.168; 21.000-21.450;
24.890-24.990; 28.000-29.700;
50.000-54.000; 144.000-148.000;
430.000-450.000MHz
*Some frequency bands are not guaranteed

Receiver System: SSB/AM/FM/DV
Modes: USB, LSB, CW, RTTY, AM, DV,
FM, WFM (RX only)

Output Power (at 13.8V DC):

	HF/50MHz	144MHz	430/440MHz
SSB/CW.RTTF/FM/DV	2-100W	2-50W	2-35W
AM	1-30W	-	-

DSP Type: 32-bit floating point IF DSP
Channels: 505 (495 regular, 4 call, 6 scan edges, 900 D-STAR repeater channels)
Weight: Main unit 5.1 lb; Controller 1.1lb
Number in Case: 2

FEATURES

- Touch screen control portal
- Angled display
- D-STAR ready
- Digital features controlled by the IF DSP
- Built-in SD Card Slot for voice storage and data cloing
- Dual DSP chips deliver versatile digital processing performance
- Muilt-in RTTV demodulator and decoder
- Multi-function meter
- SWR graphic display
- DSP controller RF speech compressor
- Voice recording and playback functions
- ±0.5ppm high frequency stability
- Optional RS-BA1 IP control remote control software



SUPPLIED ACCESSORIES

- Hand microphone (HM198)
- DC power cable
- Separation cable (OPC2253)
- USB cable
- ACC cable (13-pin)
- CW keyer plug
- Spare fuses
- Ferrite bead
- Owner's manual
- Warranty: 1-year

7100

HF/VHF/UHF Base Station

Configurations

Model	Description	MSRP
7100 22 USA	HF/6m/2m/70cm mobile transceiver	\$1,550.00

Accessories

Model	Description	MSRP
Antenna Tuners		
AH730	Automatic antenna tuner, 1.8 – 54 MHz	\$699.00
Antennas		
AH2B	Antenna element/base	\$641.00
AH740	Relay-driven compact automatic tuning antenna 2.5MHz-29.999MHz	\$2,468.00
Cables		
OPC1529R	Data cable (RS232 to 3.5mm)	\$44.00
OPC2321	Control cable adapter to 4 pin type for AH740	\$184.00
OPC589	Microphone adapter cable (8 pin to RJ-45)	\$48.00
OPC599	Cable adapter converts 13-pin ACC connector to 7-pin & 8-pin ACC connector	\$85.00
External Speakers		
SP33	Base station speaker (40hm)	\$137.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$64.00
Microphones		
HM151	Remote control microphone (7000/7100)	\$154.00
HM198	Hand microphone for 7100	\$59.00
SM30	Compact desktop microphone with low cut function	\$239.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function	\$431.00
Mounting Hardware		
MB62	Main Unit mounting bracket for the 706 Series, 703 Series, 7000 & 7100	\$53.00
Remote Mounting		
MBA1	Controller bracket for 7100	\$42.00
MBF1	Remote head mount. Adhesive pad and adjustable pivot points holds it securely. Requires MBA5, MBA7 or MBA8.	\$91.00
OPC2253	3.5m (11ft) separation cable	\$81.00
OPC2254	5m (16ft) separation cable	\$101.00
Software & Cables		
CS7100	Programming software for 7100	\$89.00
OPC2218LU	Cloning/data cable with USB connector for ID51A/ID31A/5100A/7100	\$81.00
RC28	Remote control USB encoder	\$394.00
RS-BA1 V2 22	IP remote control software for amateur radios	\$158.00

7300

HF/50MHz Base Station

SPECS

Frequencies:	RX	0.030-74.800MHz*
	TX	1.800-1.999; 3.500-3.999; 5.255-5.405; 7.000-7.300; 10.100-10.150; 14.000-14.350; 18.068-18.168; 21.000-21.450; 24.890-24.990; 28.000-29.700; 50.000-54.000MHz
Receiver System:		Direct sampling superheterodyne
Modes:		SSB, CW, RTTY, AM, FM
Output Power:		100W (25W AM)
DSP Type:		FPGA
Channels:		101 (99 regular, 2 scan edges)
Weight:		9.26 lb
Number in Case:		2



FEATURES

- Approximately 97dB RMDR
- 15 discrete band-pass filters
- Large touch screen with waterfall function
- Real-time spectrum scope
- Built-in automatic antenna tuner
- SD memory card slot for saving data
- Cooling fan system
- Multi-function meter
- CW functions: full break-in, CW reverse, CW auto tuning

SUPPLIED ACCESSORIES

- Microphone (HM219)
- DC power cable
- Spare fuses
- Owner's manual
- Warranty: 1-year

7300

HF/50MHz Base Station

Configurations

Model	Description	MSRP
7300 02	HF/6m transceiver with an IF-DSP and internal ATU	\$1,784.00

Accessories

Model	Description	MSRP
Antenna Tuners		
AH730	Automatic antenna tuner, 1.8 – 54 MHz	\$699.00
Antennas		
AH2B	Antenna element/base	\$641.00
AH710	Folded dipole antenna with an SO-239 connector. Covers 1.9 to 30MHz band. Length is approx 80.3ft.	\$525.00
AH740	Relay-driven compact automatic tuning antenna 2.5MHz-29.999MHz	\$2,468.00
Cables		
OPC2321	Control cable adapter to 4 pin type for AH740	\$184.00
OPC2361	DC power cord with 25A fuse for 718/78/7300	\$69.00
OPC599	Cable adapter converts 13-pin ACC connector to 7-pin & 8-pin ACC connector	\$85.00
External Speakers		
SP33	Base station speaker (4Ohm)	\$137.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$64.00
SP38	5W external speaker for HF radios	\$226.00
SP41	5W external speaker for HF radios	\$315.00
Microphones		
HM219	Hand microphone 7300/7610/9700	\$58.00
SM30	Compact desktop microphone with low cut function	\$239.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function	\$431.00
Miscellaneous		
PRC7300	Radio cover for the IC-7300	\$49.00
Mounting Hardware		
MB118	Mounting bracket for the 7200/7300/9700	\$54.00
MB123	Carrying handle for 7300/9100/7410/9700	\$37.00
Software & Cables		
RC28	Remote control USB encoder	\$394.00
RS-BA1 V2 22	IP remote control software for amateur radios	\$158.00

7610

HF/50MHz Base Station

SPECS

Frequencies:	RX 0.030-60.000MHz* TX 1.800-1.999; 3.500-3.999; 5.255-5.405**, 7.000-7.300; 10.100-10.150; 14.000-14.350; 18.068-18.168; 21.000-21.450; 24.890-24.990; 28.000-29.700; 50.000-54.000MHz * Guaranteed range: 0.500-29.999, 50.000- 54.000 MHz **Some frequency bands are not guaranteed.
Receiver System:	Direct Sampling Superheterodyne
Modes:	USB, LSB, CW, RTTY, PSK31/63, AM, FM
Output Power:	SSB/CW/FM/RTTY/PSK: 1-100 W, AM: 1-25W
Channels:	101 (99 regular, 2 scan edges)
Weight:	18.7lb
Number in Case:	1



FEATURES

- 110dB RMDR to pull weak signals
- Independent dual receiver
- DIGI-SEL preselectors
- Digital-UP-Conversion (DUC) for clean TX
- Built-in automatic antenna tuner
- 7" color display with touch screen function
- Dual receivers, dual spectrum scopes
- SD card slot and USB port for saving data
- I/Q signal output

SUPPLIED ACCESSORIES

- Microphone (HM219)
- DC power cable
- Spare fuses
- Owner's manual
- Warranty: 1-year

7610

HF/50MHz Base Station

Configurations

Model	Description	MSRP
7610 22	100W HF/50MHz amateur radio base station	\$4,514.00

Accessories

Model	Description	MSRP
Antenna Tuners		
AH730	Automatic antenna tuner, 1.8 – 54 MHz	\$699.00
Antennas		
AH2B	Antenna element/base	\$641.00
AH710	Folded dipole antenna with an SO-239 connector. Covers 1.9 to 30MHz band. Length is approx 80.3ft.	\$525.00
AH740	Relay-driven compact automatic tuning antenna 2.5MHz-29.999MHz	\$2,468.00
Cables		
OPC2321	Control cable adapter to 4 pin type for AH740	\$184.00
External Speakers		
SP33	Base station speaker (40hm)	\$137.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$64.00
SP38	5W external speaker for HF radios	\$226.00
SP41	5W external speaker for HF radios	\$315.00
Microphones		
HM219	Hand microphone 7300/7610/9700	\$58.00
SM30	Compact desktop microphone with low cut function	\$239.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function	\$431.00
Miscellaneous		
PRC7610	Radio cover for the IC-7610	\$49.00
Mounting Hardware		
MB121	Carrying handle for 7610	\$35.00
Software & Cables		
RC28	Remote control USB encoder	\$394.00
RS-BA1 V2 22	IP remote control software for amateur radios	\$158.00

9700

VHF/UHF Base Station

SPECS

Frequencies: 144.000-148.000, 430.000-450000, 1240.000-1300.000MHz
Modes: SSB, CW, RTTY, AM, FM, DV, DD
Number of channels: 107 (99 Simplex + 6 Program scan edges + 2 CALL) x 3 bands, 99 (Satellite), 2500 (DR function)

Output power:

HF/50MHz	144MHz	430/440MHz	1200MHz
SSB/CW/FM/RTTY/DV/DD	0.5-100W	0.5-75W	0.1-10W
AM	0.125-25W	0.125-18.75W	0.025-2.5W

Weight (approx): 10.4lb
Number in Case: 2



FEATURES

- RF direct sampling receiver for 2m and 70cm
- Down conversion for 23cm that is between 311-371MHz
- Supports CW/AM/SSB/SM/RTTY and D-STAR DV and DD modes
- Digital Data (DD) mode provides 128 kbps data communication
- D-STAR Terminal and Access Point mode (RS-MS3A/W)
- Dual D-STAR receive (decodes two voice streams simultaneously)
- Intuitive 4.3" Color touch screen display
- Real-Time Spectrum Scope and Waterfall Display
- Full duplex operation/Dual Watch (no V/V or U/U Capability)
- Main or Sub-Band Scope (Center/Fix mode +/-500KHz Center Mode)
- Independent Receiver, Full Duplex Operation
- Audio Scope Function
- Comprehensive Menus for Satellite Operation
 - Normal and Reverse Tracking Functions
 - AFC Function
 - Up to 99 Satellite memory Channels

SUPPLIED ACCESSORIES

- Hand microphone (HM219)
- DC power cable
- Owner's manual
- Warranty: 1-year

9700

VHF/UHF Base Station

Configurations

Model	Description	MSRP
9700 12	VHF/UHF transceiver	\$2,340.00

Accessories

Model	Description	MSRP
Cables		
OPC2350LU	Smart phone data cable	\$81.00
External Speakers		
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$64.00
SP38	5W external speaker for HF radios	\$226.00
SP41	5W external speaker for HF radios	\$315.00
Microphones		
HM219	Hand microphone 7300/7610/9700	\$58.00
SM30	Compact desktop microphone with low cut function	\$239.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function	\$431.00
Mounting Hardware		
MB118	Mounting bracket for the 7200/7300/9700	\$54.00
MB123	Carrying handle for 7300/9100/7410/9700	\$37.00
Software & Cables		
RS-BA1 V2 22	IP remote control software for amateur radios	\$158.00

905

144/430/440/1200/2400/5600 MHz & 10 GHz Multi-band Base Station

SPECS

Frequencies 905:	144 - 148, 430 - 450, 1240 - 1300, 2300 - 2309.999999, 2390.000001 - 2450, 5650 -5925 MHz
Frequencies CX-10G:	10.000 - 10.500 GHz
Receiver System:	RF Direct Sampling: 144, 430/430440 MHz
	Down Conversion IF Sampling: 1200, 2400, 5600 MHz
	2400MHz Transverter + Down Conversion IF Sampling: 10GHz (w/CX-10G)
Modes:	USB, LSB, CW, RTTY, AM, DV, FM WFM (Rx only)
Output Power:	50W (VHF); 45W (UHF)
Channels:	500 memory, 50 scan edges, 2 call for each band
Weight (approx):	Controller unit: 940g, 2.1lb RF unit: 3.2kg, 7.1lb CX-10G: 13.4kg, 2.9lb
Number in Case:	4



FEATURES

- Color touch screen
- D-STAR functions
- GPS-controlled oscillator
- Power amp thermal protection function
- One-touch FT8 mode preset
- Optional CX-10G transverter for microwave communications
- Quick data mode setting for SSTV, RTTY, PSK31, JT65B, and FT8
- Real-time spectrum scope & waterfall
- Separate controller and RF unit
- SD card slot
- USB Type-C™ connection for PC and mobile connector

SUPPLIED ACCESSORIES

- Accessory connector
- DC power cable (OPC2488)
- GPS antenna
- Cushion sheet
- U-bolt clamp kit
- CW key plug
- Controller cable (5 m, 16.4 feet)
- Speaker-microphone (HM243)
- RF unit bracket kit
- Spare fuse
- Owner's manual
- Warranty: 1-year

905

144/430/440/1200/2400/5600 MHz & 10 GHz Multi-band Base Station

Configurations

Model	Description	MSRP
905 12 USA	5 band multi-mode base, 2m, 70cm, 23cm, 13cm, 5cm	\$3,999.00

Accessories

Model	Description	MSRP
Antennas		
AH100	Colinear antenna w/mount, 10GHz	\$460.00
AH109PB 12	Parabolic antenna w/mount, 10.0 - 10.5GHz	\$1,499.00
AH24	Colinear antenna w/mount, 2.4GHz	\$460.00
AH56	Colinear antenna w/mount, 5.6GHz	\$460.00
Cables		
OPC2513	Controller cable (20 m, 65.6 ft) for the IC-905	\$199.00
Carrying Cases		
LC192	Backpack for the IC-705 & IC-905	\$215.00
Microphones		
HM243	Speaker microphone for the IC-705 & IC-905	\$107.00
Miscellaneous		
CX-10G 15 USA	Transverter, 10.0 - 10.5GHz (0.5W)	\$1,499.00
MBF705	Desktop tray for the IC-705 & IC-905	\$53.00

Receivers



R6

Handheld Receiver

SPECS

Frequencies:	0.100-1309.995MHz* *Blocked cellular frequency 824-849 and 869-894MHz **Unblocked for sale to Federal Government, export, or authorized end users only
Display Type:	LCD
Band Scope:	No
Receiver Type:	Triple conversion superheterodyne
Modes:	AM, FM, WFM
Channels:	1300 (50 scan edges and 200 auto memory write scan)
Auto Memory:	Yes
Alphanumeric Display:	6 Character
PC Programming:	Optional with CS-R6 software
PC Controllable:	Yes
Antenna Connector:	SMA
Weight:	7.1oz
Number in Case:	5



FEATURES

Wideband coverage
100 channels per second high speed scan
15 hours of continuous receive capability
VSC (Voice Squelch Control)
150mW audio output power
Earphone cord antenna for AM aviation and FM broadcasts
Duplex operation monitor
Priority watch function
Built-in audio low pass filter

SUPPLIED ACCESSORIES

Antenna (FAS270C)
Belt clip
Hand strap
Owner's manual
Warranty: 1-year

R6

Handheld Receiver

Configurations

Model	Description	MSRP
R6 SPORT 86 USA	Scanning receiver. Blocked version for consumer purchase. No supplied battery or charger. Requires 2 AA batteries.	\$251.00
R6E	Unblocked receiver for Federal/Export Only. No supplied battery or charger. Requires 2 AA batteries.	\$251.00

Accessories

Model	Description	MSRP
Antennas		
AD92SMA	Antenna connector adapter to connect a BNC-type antenna	\$22.00
FAS270C	Wideband RX antenna (SMA)	\$37.00
Microphones		
SP27	Acoustic tube earphone with a clip (3.5mm)	\$38.00
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	\$34.00
Software & Cables		
CSR6	Programming software fo R6	\$89.00
OPC478UD	USB programming cable (2-pin connectors handhelds)	\$95.00

R15

Handheld Receiver

SPECS

Frequencies:	A / B Band	108.000 ~ 500.000 MHz
	BC BAND	88.000 ~ 108.000 MHz
Display Type:		Full-color LCD
Band Scope:		Yes
Receiver Type:		Double conversion superheterodyne
Modes:		AM, FM, WFM, (F3E, A3E)
Channels:		2000 regular, 200 auto memory channels, 25 scam edges, 100 skip channels
PC Programming:		Optional with CS-R15 software
PC Controllable:		Yes
Antenna Connector:		SMA
Weight:		9.17oz (w/antenna and battery)
Waterproof rating:		IPX7
Number in Case:		TBD
Warranty:		1 Year



FEATURES

- Receive on different bands and different modes (i.e. monitor HF and UHF signals simultaneously)
- Large menu icons
- Register and access frequencies with the Simple Mode function
- MicroSD card slot
- Bluetooth®
- Scan speed of 150 channels per second
- Full scan
- Band scan
- Program scan
- Auto memory write scan
- Memory scan
- Skip scan
- Tone scan
- Link scan
- Group scan
- Group link scan
- Favorite channel scan
- Voice squelch control
- USB-Type-C charging

SUPPLIED ACCESSORIES

- Antenna (FA-S270C)
- Battery (BP-287)
- Belt clip (MB-127)
- USB-Type-C Cable Charger (OPC-2480)
- Hand strap
- Owner's manual

R15

Handheld Receiver

Accessories

Model	Description	MSRP
Batteries		
BP287	2800mAh li-ion 7.2V battery	\$158.00
BP293	Battery case 3 x AA	\$63.00
Belt Clips		
MB133	Alligator type belt clip	\$18.00
Carrying Cases		
LC189	R30 carrying case	\$35.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	\$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	\$28.00
BC223	Rapid charger for R30; 100-240V with a US style plug	\$74.00
Headsets		
VS3	Compact lapel PTT Bluetooth with earphone w/3.5mm jack	\$184.00
Microphones		
SP40	Earphone with 3.5mm plug	\$32.00
Miscellaneous		
MSD CARD	32GB micro SD card	\$32.00
Software & Cables		
CSR30	Programming software for R30	\$100.00

R8600

Base Station Receiver

SPECS

RX Frequencies:	10kHz – 3GHz Decodes digital including P25, NXDN™, D-STAR RX analog including USB, LSB, FSK, CW, AM, S-AM, FM & WFM
Channels:	2000 with 100 groups 100 scan skip channels 50 pairs scan edges
Versions:	Cellular frequencies blocked or unblocked
Number in Case:	2



FEATURES

- Bandpass filters:
 - 11 in the HF bands
 - 13 in the VHF/UHF bands
- FPGA processing provides clarity and accuracy of received signals
- Real-time spectrum scope
- Waterfall screen
- 4.3" color display
- Touch screen function
- RSSI
- SD card slot for received log, decode log and voice recording
- Screen capture function saves a screen shot in PNG or BMP format
- I/Q signal output for use with future firmware upgrade and third-party SDR software and/or external decoding
- Remote control function through IP network of USB cable
- Scans up to 100 channels per second in memory scan mode
- Three antenna connectors: SO-239, photo (RCA), type-N
- Clock and NTP FUNCTION
- Center tuning meter and digital auto frequency control (AFC) for FM, WFM and digital modes
- Voice synthesizer function
- Audio tone functions: HPF/LPF, bass, treble and de-emphasis
- Decode multiple digital code used in digital mode
- IP+ function improves 3rd order intercept point performance
- Main dial friction adjustment
- Dial lock and panel lock
- CI-V remote control commands

SUPPLIED ACCESSORIES

- DC power cable
- Plugs and fuses
- Owner's manual
- Warranty: 1-year

R8600

Base Station Receiver

Configurations

Model	Description	MSRP
R8600 02	Blocked super wideband 10 kHz to 3 GHz communication receiver	\$3,254.00
R8600 04	Unblocked super wideband 10 kHz to 3 GHz communication receiver	\$3,254.00

Accessories

Model	Description	MSRP
RSR8600 22 EXP	Remote control software - USB drive	\$210.00

Antennas

AH710	Folded dipole antenna with an SO-239 connector. Covers 1.9 to 30MHz band. Length is approx 80.3ft.	\$525.00
AH8000	Discone antenna wideband RX TX 100-3300MHz	\$362.00

Chargers

AD55NS	100-240V power supply for the R8600 with a US plug	\$80.00
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External Speakers

SP39AD	External speaker with 15V/2A power supply for the R8600	\$347.00
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Mounting Hardware

MB123	Carrying handle for 7300/9100/7410/9700	\$37.00
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Software & Cables

CSR8600	R8600 programming software	\$100.00
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Discontinued Radios



R9500

The R9500 is discontinued and no longer available from Icom. Icom does still sell the below compatible accessories

Accessories

Model	Description	MSRP
Antennas		
AH8000	Discone antenna wideband RX TX 100-3300MHz	\$362.00

7851

HF/50MHz Base Station is discontinued and no longer available from Icom. Icom does still sell the below compatible accessories.

Accessories

Model	Description	MSRP
External Speakers		
SP33	Base station speaker (40hm)	\$137.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$64.00
SP38	5W external speaker for HF radios	\$226.00
SP41	5W external speaker for HF radios	\$315.00
Microphones		
SM30	Compact desktop microphone with low cut function	\$239.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function	\$431.00
Software & Cables		
RC28	Remote control USB encoder	\$394.00
RS-BA1 V2 22	IP remote control software for amateur radios	\$158.00

2300H

2M Mobile Transceiver is discontinued and no longer available from Icom. Icom does still sell the below compatible accessories.

Accessories

Model	Description	MSRP
Cables		
OPC1132	DC power cable (9.8ft) with 2-pin T connector.	\$48.00
OPC440	Microphone extension cable (RJ-45 M/F) (16.4ft)	\$107.00
OPC589	Microphone adapter cable (8 pin to RJ-45)	\$48.00
External Speakers		
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$64.00
Microphones		
HM133V	Standard partial function remote microphone (squelch only) 2300H/V8000	\$113.00
HM154	Simple microphone for Amateur mobile radios (RJ45)	\$59.00
Software & Cables		
CS2300H	Cloning software for 2300H	\$89.00
OPC478UD	USB programming cable (2-pin connectors handhelds)	\$95.00

V80 Sport

VHF FM Transceiver is discontinued and no longer available from Icom. Icom does still sell the below compatible accessories

Accessories

Model	Description	MSRP
Batteries		
BP263	Battery case that holds 6 AA alkaline batteries	\$32.00
BP265	Li-ion 7.4V 1900mAh	\$85.00
Belt Clips		
MB124	Alligator type belt clip	\$13.00
Cables		
OPC515L	DC power cable for single unit rapid chargers	\$28.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	\$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	\$28.00
BC147SA	AC adapter for trickle chargers; 100-240V with a US style plug	\$23.00
BC147SE 15	AC adapter for trickle chargers; 230V with a Euro style plug	\$17.00
BC193	Rapid charger for radios with BP265 Li-ion battery; 100-240V with US style plug	\$72.00
BC193E	Rapid charger for radios with BP265 Li-ion battery; 100-240V with Euro style plug	\$72.00
CP23L	12V cigarette lighter cable for use with rapid chargers	\$40.00
MB130	Vehicle charger bracket holds rapid charger; requires cigarette lighter cable	\$88.00
Headsets		
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	\$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	\$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	\$45.00
OPC2004	Adapter plug to use the HS94/95/97 for the F3001/4001/3101D/4101D & V80	\$28.00
Microphones		
HM158LA	Compact speaker microphone with revolving clip and earphone jack (right angle 2-pin screw down connector, stereo mic/mono speaker)	\$50.00
HM159LA	Large speaker microphone with earphone jack and metal alligator clip (right angle 2-pin screw down connector, stereo mic/mono speaker)	\$84.00
Software & Cables		
CSV80	V80 software	\$0.00
OPC478UD	USB programming cable (2-pin connectors handhelds)	\$95.00
Wire Kits		
HM166LA	Earphone microphone with 2-pin right angle connector	\$62.00

ID4100A

D-Star Dual Band Digital Transceiver is discontinued and no longer available from Icom. Icom does still sell the below compatible accessories

Accessories

Model	Description	MSRP
Cables		
OPC1529R	Data cable (RS232 to 3.5mm)	\$44.00
OPC2350LU	Smart phone data cable	\$81.00
OPC440	Microphone extension cable (RJ-45 M/F) (16.4ft)	\$107.00
OPC589	Microphone adapter cable (8 pin to RJ-45)	\$48.00
Encryption & Internal Modules		
UT137	Bluetooth unit	\$105.00
External Speakers		
SP30	20W large external speaker	\$123.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$64.00
Headsets		
VS3	Compact lapel PTT Bluetooth with earphone w/3.5mm jack	\$184.00
Microphones		
HM154	Simple microphone for Amateur mobile radios (RJ45)	\$59.00
Mounting Hardware		
MBF4	Mounting bracket for the ID5100	\$38.00
Remote Mounting		
MBA8	Controller bracket for ID4100A	\$42.00
MBF1	Remote head mount. Adhesive pad and adjustable pivot points holds it securely. Requires MBA5, MBA7 or MBA8.	\$91.00
OPC1156	Remote head extension cable (3.5m)	\$42.00
Software & Cables		
OPC478UD	USB programming cable (2-pin connectors handhelds)	\$95.00

ID31A & ID51A

ID31A & ID51A are discontinued and no longer available from Icom. Icom does still sell the below compatible accessories

Accessories

Model	Description	MSRP
Antennas		
AD92SMA	Antenna connector adapter to connect a BNC-type antenna	\$22.00
FAS270C	Wideband RX antenna (SMA)	\$37.00
Batteries		
BP271	Li-ion 7.4V 1200mAh (typical capacity), 1150mAh (minimum value)	\$106.00
BP272	Li-ion 7.4V 2000mAh (typical capacity), 1880mAh (minimum value)	\$164.00
BP273	Battery case that holds 3 AA alkaline batteries	\$72.00
Belt Clips		
MB127	Alligator belt clip	\$19.00
Cables		
OPC2144	Right angle plug adapter cable to plug old straight pin connector headsets into (recommended to use with OPC478UC, not needed with OPC478UD when programming radios)	\$38.00
OPC2350LU	Smart phone data cable	\$81.00
OPC254L	Power supply cable; 10-14V DC required for high power output	\$29.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	\$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	\$28.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	\$168.00
BC167SA	Wall trickle charger; 100-240V with US style plug	\$37.00
BC167SD	Wall trickle charger; 100-240V with Euro style plug	\$42.00
CP12L 21	Cigarette lighter cable with noise filter and right-angle connector. For direct use on the ID-52A.	\$49.00
Headsets		
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	\$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	\$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	\$45.00
OPC2006LS	Adapter plug with VOX and no PTT to to use with the HS94/95/97	\$37.00
OPC2328	Adapter plug with PTT to to use with the HS94/95/97	\$107.00
Microphones		
HM183LS	Waterproof compact speaker microphone (2-pin connector)	\$128.00
HM186LS	Compact speaker microphone with earphone jack (2-pin connector)	\$69.00
SP40	Earphone with 3.5mm plug	\$32.00
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	\$34.00
Software & Cables		
OPC2218LU	Cloning/data cable with USB connector for ID51A/ID31A/5100A/7100	\$81.00
Wire Kits		
HM153LS	Microphone with 2.5mm earphone combination (right angle 2-pin connector)	\$137.00
HM166LS	Earphone microphone with two pin right angle connector	\$105.00

9100

HF/VHF/UHF Transceiver is discontinued and no longer available from Icom. Icom does still sell the below compatible accessories

Accessories

Model	Description	MSRP
Antennas		
AH2B	Antenna element/base	\$641.00
AH740	Relay-driven compact automatic tuning antenna 2.5MHz-29.999MHz	\$2,468.00
Cables		
OPC1457	DC power cord with 4-pin connector and 30A fuse for 7000/7200/7410/7600/9100	\$95.00
OPC1529R	Data cable (RS232 to 3.5mm)	\$44.00
OPC2321	Control cable adapter to 4 pin type for AH740	\$184.00
OPC599	Cable adapter converts 13-pin ACC connector to 7-pin & 8-pin ACC connector	\$85.00
External Speakers		
SP33	Base station speaker (4Ohm)	\$137.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$64.00
Microphones		
SM30	Compact desktop microphone with low cut function	\$239.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function	\$431.00
Mounting Hardware		
MB123	Carrying handle for 7300/9100/7410/9700	\$37.00
Software & Cables		
CS9100	Cloning software for 9100	\$89.00
RC28	Remote control USB encoder	\$394.00
RS-BA1 V2 22	IP remote control software for amateur radios	\$158.00

T70A

VHF/UHF FM Transceiver is discontinued and no longer available from Icom. Icom does still sell the below compatible accessories

Accessories

Model	Description	MSRP
Antennas		
AD92SMA	Antenna connector adapter to connect a BNC-type antenna	\$22.00
FAS270C	Wideband RX antenna (SMA)	\$37.00
Batteries		
BP263	Battery case that holds 6 AA alkaline batteries	\$32.00
BP264	Ni-MH 7.2V 1400mAh	\$54.00
BP265	Li-ion 7.4V 1900mAh	\$85.00
Belt Clips		
MB124	Alligator type belt clip	\$13.00
Cables		
OPC254L	Power supply cable; 10-14V DC required for high power output	\$29.00
OPC515L	DC power cable for single unit rapid chargers	\$28.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	\$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	\$28.00
BC193	Rapid charger for radios with BP265 Li-ion battery; 100-240V with US style plug	\$72.00
BC193E	Rapid charger for radios with BP265 Li-ion battery; 100-240V with Euro style plug	\$72.00
CP12L 21	Cigarette lighter cable with noise filter and right-angle connector. For direct use on the ID-52A.	\$49.00
CP23L	12V cigarette lighter cable for use with rapid chargers	\$40.00
MB130	Vehicle charger bracket holds rapid charger; requires cigarette lighter cable	\$88.00
Microphones		
SP27	Acoustic tube earphone with a clip (3.5mm)	\$38.00
Software & Cables		
CST70	T70A software	\$0.00
OPC478UD	USB programming cable (2-pin connectors handhelds)	\$95.00

7200

HF/50MHz Transceiver is discontinued and no longer available from Icom. Icom does still sell the below compatible accessories

Accessories

Model	Description	MSRP
Antennas		
AH2B	Antenna element/base	\$641.00
AH710	Folded dipole antenna with an SO-239 connector. Covers 1.9 to 30MHz band. Length is approx 80.3ft.	\$525.00
AH740	Relay-driven compact automatic tuning antenna 2.5MHz-29.999MHz	\$2,468.00
Cables		
OPC1457	DC power cord with 4-pin connector and 30A fuse for 7000/7200/7410/7600/9100	\$95.00
OPC2321	Control cable adapter to 4 pin type for AH740	\$184.00
OPC599	Cable adapter converts 13-pin ACC connector to 7-pin & 8-pin ACC connector	\$85.00
External Speakers		
SP33	Base station speaker (40hm)	\$137.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$64.00
Microphones		
SM30	Compact desktop microphone with low cut function	\$239.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function	\$431.00
Mounting Hardware		
MB118	Mounting bracket for the 7200/7300/9700	\$54.00
Software & Cables		
RC28	Remote control USB encoder	\$394.00
RS-BA1 V2 22	IP remote control software for amateur radios	\$158.00

92AD

Dual Band Handheld Transceiver is discontinued and no longer available from Icom. Icom does still sell the below compatible accessories

Accessories

Model	Description	MSRP
Antennas		
AD92SMA	Antenna connector adapter to connect a BNC-type antenna	\$22.00
FAS270C	Wideband RX antenna (SMA)	\$37.00
Cables		
OPC254L	Power supply cable; 10-14V DC required for high power output	\$29.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	\$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	\$28.00
BC167SA	Wall trickle charger; 100-240V with US style plug	\$37.00
BC167SD	Wall trickle charger; 100-240V with Euro style plug	\$42.00
CP12L 21	Cigarette lighter cable with noise filter and right-angle connector. For direct use on the ID-52A.	\$49.00
Microphones		
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	\$34.00

R30

Communications Receiver is discontinued and no longer available from Icom. Icom does still sell the below compatible accessories

Accessories

Model	Description	MSRP
Batteries		
BP287	2800mAh li-ion 7.2V battery	\$158.00
BP293	Battery case 3 x AA	\$63.00
Belt Clips		
MB133	Alligator type belt clip	\$18.00
Carrying Cases		
LC189	R30 carrying case	\$35.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	\$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	\$28.00
BC223	Rapid charger for R30; 100-240V with a US style plug	\$74.00
Headsets		
VS3	Compact lapel PTT Bluetooth with earphone w/3.5mm jack	\$184.00
Microphones		
SP40	Earphone with 3.5mm plug	\$32.00
Miscellaneous		
MSD CARD	32GB micro SD card	\$32.00
Software & Cables		
CSR30	Programming software for R30	\$100.00



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