



Macodex Group List Price 2018 Amateur Product & Price Catalog



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Handhelds



ID51A

VHF UHF Dual Band Transceiver

SPECS

Frequencies:	TX 144-148, 430-450MHz* RX 136-174, 380-479MHz* Broadcast 0.52-1.710, 88-108 *Guaranteed range 144-148, 440-450MHz
Receiver System:	Double conversion
Modes:	DV, FM, FM-N
Output Power:	5.0W, 2.5W, 1.0W, 0.5W, 0.1W (High, Mid, Low2, Low1, S-low)
Channels:	1304 (500 regular, 700 D-STAR repeater, 100 program scan edges and 4 call)
Waterproof Rating:	IPX7 waterproof protection
Weight:	8.99oz (with BP271)
Number in Case:	10
Warranty:	1 Year



FEATURES

RS-MS1A, free download Android™ application to connect phone to radio
Built in GPS
Independent AM/FM receiver
V/V, U/U, V/U Dual watch
DV fast data mode
DV and FM repeater search function
D plus reflector link commands
Micro SD card slot for voice/log data storage and data cloning (up to 32GB)
Enhanced D-PRS functions; receive only Base/Object/Item/Weather formats
CI-V commands include GPS TX mode, V data TX and GPS ON/OFF settings
Call sign, repeater list and GPS memory import and export in the CSV format TX voice memory (1 channel, 60 seconds)
SPEECH function announces the received call sign (DV mode), frequency, and mode
QSO recorder function records incoming and outgoing calls. The voice recorder function can record an off-line conversation.

ID51A PLUS2 additional features:

- Terminal mode allows the user to connect the radio to the internet through a PC or Android™ device and send your voice and /or data through the internet gateway to a destination repeater
- Access point mode allows the user to connect the radio to the internet through PC or Android™ device as an access point. Users can then use another D-STAR radio to send voice and /or data through the Access point radio, and communicate with D-STAR stations all over the world.

SUPPLIED ACCESSORIES

ID51A PLUS2

Antenna (FAS270C)
Battery pack (BP271)
Belt clip (MB127)
Cloning software (CS51)
Wall charger (BC167SA)
Hand strap
Data Cable (OPC2350LU)
Owner's manual

Configurations

Model	Description	Price
ID51A BLACK2	Dual band D-STAR/ analog handheld with GPS in black with OPC2350LU included	\$399.95

Accessories

Model	Description	Price
Antennas		
AD92SMA	Antenna connector adapter to connect a BNC-type antenna	\$19.00
FAS270C	Wideband RX antenna (SMA)	\$20.69
Batteries		
BP271	Li-ion 7.4V 1200mAh (typical capacity), 1150mAh (minimum value)	Out Stock
BP272	Li-ion 7.4V 2000mAh (typical capacity), 1880mAh (minimum value)	\$85.00
BP273	Battery case that holds 3 AA alkaline batteries	Out Stock
Belt Clips		
MB127	Alligator belt clip	\$22.00
Cables		
OPC2144	Right angle plug adapter cable to plug old straight pin connector headsets into (required to use with OPC478 when programming radios)	\$27.00
OPC2350LU	Smart phone data cable	\$59.00
OPC254L	Power supply cable; 10-14V DC required for high power output	\$19.00
Carrying Cases		
LC179	Carrying case for ID51A	\$34.99
SJ1	Silicone jacket case	\$38.24
Chargers		
BC123SA 51	AC adapter for rapid chargers; 100-240V with US style plug	\$23.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	\$18.00
BC157S	AC adapter for the BC121N/BC197 chargers; 100-240V with US style plug	\$103.00
BC167SA	Wall trickle charger; 100-240V with US style plug	\$25.00
BC167SD	Wall trickle charger; 100-240V with Euro style plug	\$37.41
BC202 02	Rapid charger (includes BC-123SA AC adapter in the box with US plug)	\$59.95
BC211	Rapid rate 6-unit charger - IP100H	\$430.00
CP12L	Cigarette lighter cable with noise filter and right angle connector	\$32.00
CP19R	Cigarette lighter cable with DC-DC converter, 10-16V DC required	\$45.00
Headsets		
HS94	Earpiece headset; use with VS1/OPC2004/OPC2006/OPC1392	\$22.00
HS95	Headset with boom mic; use with VS1/OPC2004/OPC2006/OPC1392	155.00
HS97	Earphone with throat mic headset; use with VS1/OPC2004/OPC2006/OPC1392	\$33.00
OPC2006LS	Adapter plug with VOX and no PTT to to use with the HS94/95/97	\$29.00
OPC2328	Adapter plug with PTT to to use with the HS94/95/97	\$75.00
Microphones		
HM183LS	Waterproof compact speaker microphone with right angle connector	\$82.00
HM186LS	Compact speaker microphone with slim right angle connector	\$52.00
HM75LS	Remote control speaker microphone with transmit indicator and earphone jack	\$75.00

Accessories

Model	Description	Price
	(right angle 2-pin, both stereo plug)	
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	\$25.00
Miscellaneous		
CT17	Level converter	\$160.00
Software & Cables		
OPC2218LU	Cloning/data cable with USB connector for ID51A/ID31A/5100A/7100	\$58.00
Wire Kits		
HM153LS	Covert durable microphone with earphone combination (right angle 2-pin connector)	\$135.00
HM166LS	Earphone microphone with two pin right angle connector	\$72.00



V80 HD / V80 SPORT

VHF FM Transceiver

SPECS

Frequencies:	TX 144-148MHz RX 136-174MHz* *Guaranteed range 144-148MHz
Receiver System:	Double conversion
Modes:	FM
Output Power:	5.5W, 2.5W, 0.5W (High, Mid, Low)
Channels:	207 (200 alphanumeric, 1 call, 6 scan edges)
Waterproof Rating:	IP54 dust-protection and water-resistance
Weight:	4.9oz (without battery pack)
Number in Case:	10
Warranty:	1 Year



FEATURES

DTCS/CTCSS encode/decode/coded scan
Internal VOX function
36mm large speaker
Multi-function display
Desktop trickle charger optional
Multiple signaling formats
PC programmable with optional CS-V80
Transceiver-to-transceiver cloning (Optional)
DTMF autodial memories
Mil-STD-810 rugged construction

SUPPLIED ACCESSORIES

Antenna (FAB2E)
Battery (BP263 or BP264)
Belt clip (MB124)
Desk charger (BC192)
AC adapter (BC147SA)
Jack cover w/screws
Owner's manual



Configurations

Model	Description	Price
V80 HDE	Radio with battery & charger (BP-265/BC193/BC-123SA) not FCC approved	\$169.95
V80 SPORT	5W, 2M (144-148 MHz) FM handheld with AA Alkaline case	\$119.95
V80 50	Radio with battery & trickle charger with Euro plug - EXPORT ONLY Full Transmit	\$119.95

Accessories

Model	Description	Price
Antennas		
FAB2E	136-174MHz antenna (BNC)	\$27.95
Batteries		
BP263	Battery case that holds 6 AA alkaline batteries	\$22.00
BP264	Ni-MH 7.2V 1400mAh	\$32.85
BP265	Li-ion 7.4V 1900mAh	\$47.43
Belt Clips		
MB124	Alligator type belt clip	\$9.18
Cables		
OPC515L	DC power cable for single unit rapid chargers	\$19.98
Chargers		
BC123SA 51	AC adapter for rapid chargers; 100-240V with US style plug	\$19.12
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	\$19.89
BC147SA	AC adapter for trickle chargers; 100-240V with a US style plug	\$11.50
BC147SE 15	AC adapter for trickle chargers; 230V with a Euro style plug	\$12.24
BC191 12	110V rapid charger for radios with the NiMH BP264	\$51.25
BC191 13	220V Rapid charger for radios with the NiMH BP264	\$51.25
BC192 12	110V trickle charger for the NiMH BP264 (not CEC compatible for AM radios)	\$27.54
BC193	Rapid charger for radios with BP265 Li-ion battery; 100-240V with US style plug	\$51.25
BC193E	Rapid charger for radios with BP265 Li-ion battery; 100-240V with Euro style plug	\$51.25
CP23L	12V cigarette lighter cable for use with rapid chargers	\$26.77
MB130	Vehicle charger bracket designed to hold a rapid charger allowing battery to charge in vehicle. Requires charger & CP. Will not work with the BC119N.	\$63.49
Headsets		
HS94	Earpiece headset; use with VS1/OPC2004/OPC2006/OPC1392	\$19.12
HS95	Headset with boom mic; use with VS1/OPC2004/OPC2006/OPC1392	\$164.47
HS97	Earphone with throat mic headset; use with VS1/OPC2004/OPC2006/OPC1392	\$32.13
OPC2004	Adapter plug to to use the HS94/95/97 for the F3001/4001/3101D/4101D & V80	\$20.65
Manuals		
94415526	V80 CD service manual	\$20.09
97715517	V80 service manual hardcopy	\$33.09
98815525	V80 owner's manual	\$10.50
Microphones		
HM158LA	Compact speaker microphone with revolving clip and earphone jack (right angle 2-pin screw down connector, stereo mic/mono speaker)	\$35.95

Accessories

Model	Description	MSRP	Price
HM159LA	Large speaker microphone with earphone jack and metal alligator clip (right angle 2-pin screw down connector, stereo mic/mono speaker)		\$58.90
Software & Cables			
CSV80	V80 software		\$51.00
OPC474	Radio to radio cloning cable (3.5mm to 3.5mm)		\$15.30
OPC478	PC to handheld programming cable with RS-232S connector for radios with 2-pin connectors		\$45.90
OPC478UC	PC to handheld programming cable with USB connector for radios with 2-pin connectors		\$53.55
Wire Kits			
HM153LA	Covert durable microphone with earphone combination (right angle 2-pin screw down connector)		\$95.62



T70A

VHF/UHF FM Transceiver

SPECS

Frequencies:	TX 144-148MHz, 420-450MHz* RX 136-174, 400-479MHz* *Guaranteed range 144-148MHz, 440-450MHz
Receiver System:	Double conversion Superheterodyne
Modes:	FM, FM(N)
Output Power:	5.0W, 2.5W, 0.5W (High, Mid, Low)
Channels:	302 (2 call channels, 50 scan edges)
Waterproof Rating:	IP54 dust-protection and water- resistance
Weight:	13.4oz (with BP-264)
Number in Case:	10
Warranty:	1 Year



FEATURES

CTCSS encode/decode w/tone scan
700mW loud audio
Long battery life
External DC power jack
Internal VOX function
Repeater lockout and busy channel lockout
PC programmable with optional CST70
Wide/narrow channel spacing
TOT (time out timer) setting
Auto repeater offset
16 DTMF memories
Mil-STD-810 rugged construction

SUPPLIED ACCESSORIES

Antenna (FAS270C)
Battery pack (BP263 or BP264)
Belt clip (MB124)
Hand strap
Wall charger (BC167SA)
Owner's manual



Configurations

Model	Description	Price
T70A HD 15	Analog Only - 5W, 2m/70cm (144-148/420-450MHz) FM handled with battery (2000mAh Li-on) & rapid charger included	\$229.95

Accessories

Model	Description	Price
Antennas		
AD92SMA	Antenna connector adapter to connect a BNC-type antenna	\$15.30
FAS270C	Wideband RX antenna (SMA)	\$26.77
Batteries		
BP263	Battery case that holds 6 AA alkaline batteries	\$22.95
BP264	Ni-MH 7.2V 1400mAh	\$32.89
BP265	Li-ion 7.4V 1900mAh	\$47.43
Belt Clips		
MB124	Alligator type belt clip	\$9.18
Cables		
OPC254L	Power supply cable; 10-14V DC required for high power output	\$15.30
OPC515L	DC power cable for single unit rapid chargers	\$19.89
Carrying Cases		
LC174	T70A carrying case	\$34.42
Chargers		
BC123SA 51	AC adapter for rapid chargers; 100-240V with US style plug	\$19.12
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	\$19.89
BC191 12	110V rapid charger for radios with the NiMH BP264	\$51.25
BC191 13	220V Rapid charger for radios with the NiMH BP264	\$51.25
BC193	Rapid charger for radios with BP265 Li-ion battery; 100-240V with US style plug	\$51.25
BC193E	Rapid charger for radios with BP265 Li-ion battery; 100-240V with Euro style plug	\$51.25
BC197 02	Six unit charger for radios with the BP264 NiMH battery (includes AC adapter and cups installed); 100-240V with US style plug	\$390.15
BC197 03	Six unit charger for radios with the BP264 NiMH battery (includes AC adapter and cups installed); 100-240V with Euro style plug	\$390.15
BC197 13	220V six unit charger for radios with the BP265 Li-Ion battery (includes AC adapter and cups installed)	\$390.15
BC197 51	110-240V six unit charger for radios with the BP265 Li-Ion battery (includes AC adapter with US plug and cups installed)	\$390.15
CP12L	Cigarette lighter cable with noise filter and right angle connector	\$32.89
CP19R	Cigarette lighter cable with DC-DC converter, 10-16V DC required	\$39.78
CP23L	12V cigarette lighter cable for use with rapid chargers	\$26.77
MB130	Vehicle charger bracket designed to hold a rapid charger allowing battery to charge in vehicle. Requires charger & CP. Will not work with the BC119N.	\$63.49
Headsets		
HS94	Earpiece headset; use with VS1/OPC2004/OPC2006/OPC1392	\$19.12
HS95	Headset with boom mic; use with VS1/OPC2004/OPC2006/OPC1392	\$165.00
HS97	Earphone with throat mic headset; use with VS1/OPC2004/OPC2006/OPC1392	\$32.13

Accessories

Model	Description	Price
Manuals		
94415529	T70A CD service manual	\$11.71
97715527	T70A service manual hardcopy	\$11.80
98815528	T70A owner's manual	\$13.24
Microphones		
HM131	Speaker/microphone with earphone jack and clip (straight 2-pin, both stereo plug)	\$34.42
SP27	Acoustic tube earphone with a clip to attach to clothing	\$26.77
Software & Cables		
CST70	T70A software	\$42.50
OPC474	Radio to radio cloning cable (3.5mm to 3.5mm)	\$15.30
OPC478	PC to handheld programming cable with RS-232S connector for radios with 2-pin connectors	\$45.90
OPC478UC	PC to handheld programming cable with USB connector for radios with 2-pin connectors	\$53.55
Wire Kits		
HM128	Earphone-microphone with 2-pin straight connector	\$22.95



Mobiles



2300H

2M Mobile Transceiver

SPECS

Frequencies:	TX 144-148MHz RX 136-174MHz* *Guaranteed range 144-148MHz
Receiver System:	Double conversion superheterodyne
Modes:	FM, FM-N
Output Power:	65W, 25W, 10W, 5W
Channels:	207 (including 6 scan edges and 1 call channel)
Weight:	2.43lb
Number in Case:	4
Warranty:	1 Year



FEATURES

- Powerful 4.5W audio output
- Built-in CTCSS/DTCS encoder/decoder
- Multiple scan functions
- Wide/narrow channel setting
- Power supply voltage display
- DTMF autodial
- Repeater lockout
- Time-out timer
- Automatic power off
- S-meter squelch
- Selectable LCD backlight color (amber, yellow or green)
- Squelch attenuator

SUPPLIED ACCESSORIES

- Remote control microphone (HM133V)
- Microphone hanger
- Mobile mounting bracket kit
- DC power cable (OPC1132)
- Spare fuses
- Owner's manual



Configurations

Model	Description	Price
2300H 05	65W, 2m (144-148MHz) mobile	\$219.95

Accessories

Model	Description	Price
Cables		
OPC1132	DC power cable. Comes standard with most mobile radios (9.8ft) and has a 2-pin T connector	\$34.42
OPC347	DC power cable (23ft)	\$53.55
OPC440	Microphone extension cable (RJ-45 M/F) (16.4ft)	\$76.50
OPC589	Microphone adapter cable (8 pin to RJ-45)	\$34.42
External Speakers		
SP34	Base station high quality speaker with internal audio filters	\$365.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$45.90
Manuals		
94416534	2300H CD service manual	\$11.71
97716530	2300H hardcopy service manual	\$40.52
98816533	2300H owner's manual	\$11.50
Microphones		
HM133V	Standard partial function remote microphone (squelch only) 2300H/V8000	\$81.09
HM154	Simple microphone for Amateur mobile radios (RJ45)	\$42.07
HM209	Noise cancelling microphone	\$110.92
Mounting Hardware		
MB28H	Universal mounting bracket for small Amateur mobiles. Radio Width 141mm (5.5") screw spacing 50mm (2.0") One radio mounting hole fixed, one adjustable. 27/28/228H/229H/2350H/2710H/2720H/2200H/207H/208H	\$22.18
Software & Cables		
CS2300H	Cloning software for 2300H	\$72.25
OPC474	Radio to radio cloning cable (3.5mm to 3.5mm)	\$15.30
OPC478	PC to handheld programming cable with RS-232S connector for radios with 2-pin connectors	\$45.90
OPC478UC	PC to handheld programming cable with USB connector for radios with 2-pin connectors	\$53.55



2730A

VHF/UHF Dual Band Transceiver

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
Warranty:	1 Year



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



Configurations

Model	Description	Price
2730A 05	VHF/UHF dual band transceiver	\$349.99
2730A DELUXE	VHF/UHF dual band transceiver with the MBA5 bracket included	\$389.99

Accessories

Model	Description	Price
Cables		
OPC440	Microphone extension cable (RJ-45 M/F) (16.4ft)	\$76.50
OPC589	Microphone adapter cable (8 pin to RJ-45)	\$34.42
OPC647	Microphone extension cable 8.2ft	\$57.37
Encryption & Internal Modules		
UT133	Bluetooth unit	\$93.33
External Speakers		
SP30	20W large external speaker	\$97.75
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$45.90
Headsets		
VS3	Bluetooth pendant earpiece microphone w/PTT	\$151.98
Microphones		
HM154	Simple microphone for Amateur mobile radios (RJ45)	\$42.75
HM207	Control hand microphone (ID-5100)	\$100.98
HM209	Noise cancelling microphone	\$110.00
Mounting Hardware		
MB2730B	Base station mount (MBF4 + MBA4)	\$65.00
MBA4	Bracket to attach the controller to the main unit	\$49.72
MBF4	Mounting bracket for the ID5100	\$26.77
Remote Mounting		
MB2730R	Remote head kit w/mobile bracket (MBF4 + MBA5)	\$49.72
MB2730R1	Glass mount remote head kit w/mobile bracket (MBF1+MBF4+MBA5)	\$113.49
MBA5	Bracket to attach the controller to the MBF-1	\$30.06
MBF1	Remote head mount. Adhesive pad and adjustable pivot points holds it securely. Requires MBA5 or MBA8.	\$65.02
OPC1156	Remote head extension cable (3.5m)	\$16.83
Software & Cables		
OPC478	PC to handheld programming cable with RS-232S connector for radios with 2-pin connectors	\$45.90
OPC478UC	PC to handheld programming cable with USB connector for radios with 2-pin connectors	\$53.55



ID5100A

D-Star Dual Band Digital Transceiver

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
Warranty:	1 Year



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 call sign (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)
- Microphone hanger
- CD (CS-5100 and instruction handbook PDF)
- Spare fuse
- Owner's manual

Configurations

Model	Description	Price
ID5100A DELUXE	Dual band, 2m/70cm (144-148/420-450MHz), D-Star mobile radio with MB-A2 remote mounting bracket included	\$550.00

Accessories

Model	Description	Price
Cables		
OPC1132	DC power cable. Comes standard with most mobile radios (9.8ft) and has a 2-pin T connector	\$30.42
OPC1529R	Data cable (RS232 to 3.5mm)	\$31.35
OPC347	DC power cable (23ft)	\$53.55
OPC440	Microphone extension cable (RJ-45 M/F) (16.4ft)	\$76.50
OPC589	Microphone adapter cable (8 pin to RJ-45)	\$34.42
Encryption & Internal Modules		
UT133	Bluetooth unit	\$100.98
External Speakers		
SP30	20W large external speaker	\$97.75
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$45.90
Headsets		
VS3	Bluetooth pendant earpiece microphone w/PTT	\$151.98
Microphones		
HM154	Simple microphone for Amateur mobile radios (RJ45)	\$42.07
HM207	Control hand microphone (ID-5100)	\$100.98
HM209	Noise cancelling microphone	\$110.92
Miscellaneous		
CT17	Level converter	\$145.35
Mounting Hardware		
MBF4	Mounting bracket for the ID5100	\$26.77
Remote Mounting		
MBA2	Remote head mounting bracket for the ID5100A	\$40.80
MBF1	Remote head mount. Adhesive pad and adjustable pivot points holds it securely. Requires MBA5 or MBA8.	\$65.02
OPC1156	Remote head extension cable (3.5m)	\$16.83
Software & Cables		
OPC2218LU	Cloning/data cable with USB connector for ID51A/ID31A/5100A/7100	\$57.37
OPC478UC	PC to handheld programming cable with USB connector for radios with 2-pin connectors	\$53.55



D-STAR REPEATERS

Digital Voice Plus Digital Data Combine with D-STAR Repeater Equipment

SPECS

Frequencies:	IDPR2000V 144-148MHz IDPR4000V 440-450MHz IDPR2D 1240-1300MHZ IDRP2V 1240-1300MHz
Modes:	D-STAR Digital Voice, D-STAR data
Output Power:	23cm 10W 2m/70cm 25W
Weight:	IDRP2000V/4000V 16 lb 9 oz IDRP2D 13 lb 10 oz IDRP2V 16 lb 9 oz
Warranty:	1 Year



FEATURES

D-PRS®
Text message
Internet access
Auto ID
Digital voice and location
Rescue tracking
Cross banding

SUPPLIED ACCESSORIES

DC power cable (OPC1380 supplied with IDRP2C)
Power cable (OPC1309 supplied with IDRP2D/V, 2000V,4000V)
Control Cable RJ45 Ethernet (OPC-1069A supplied with IDRP2C, IDRP2D/V, 2000V, 4000V)

Configurations

Model	Description	MSRP	Price
IDRP2D 26	23cm digital data mode		\$920.00
IDRP2V 26	23cm digital voice module		\$1,250.00
IDRP2000V 26	D-Star 25/5W, 2m (144-148MHz) RF module		\$1250.00
IDRP2C 06	D-Star Repeater controller		\$1450.00
IDRP4000V 26	D-Star 25/5W, 70cm (440-450MHz) RF module DV mode		\$1250.00

Accessories

Model	Description	MSRP	Price
Cables			
OPC1069A	Ethernet cable for the IDRP products		Outs Stock
OPC1309	DC cable for IDRP products		\$24.48
OPC1380	Power cable for the IDRP products		\$57.97
Manuals			
98815159	IDRP2 products owner's manual		\$9.45
98815284	IDRP2000/4000 owner's manual		\$6.29
Software & Cables			
RSRP2 G2	Gateway software		\$435.00



HF Radios



718

HF All Band Transceiver

SPECS

Frequencies:	RX 0.030-29.999999MHz*
	TX 1.800-1.999999 MHz**
	3.500-3.999999 MHz**
	7.000-7.300000 MHz
	10.100-10.150000 MHz
	14.000-14.350000 MHz
	18.068-18.168000 MHz
	21.000-21.450000 MHz
	24.890-24.990000 MHz
	28.000-29.700000 MHz
	*Guaranteed 0.5-29.999999MHz
	**Varies according to version
Receiver System:	Double conversion
Modes:	USB, LSB, CW, RTTY (FSK), AM
Output Power:	SSB, CW, RTTY, 2-100W; AM 2-40W
DSP Type:	AF (optional)
Channels:	101 (99 regular, 2 scan edges)
Weight:	8 lb 6 oz
Number in Case:	2
Warranty:	1 Year



FEATURES

- One touch band switching
- Simple to use
- CW keyer built-in
- 12V operation
- Direct frequency input
- VOX built-in
- Voice synthesizer optional (UT-102)
- General coverage receiver
- Front mounted speaker

SUPPLIED ACCESSORIES

- Microphone (HM36)
- DC power cable (OPC025A)
- Plug-in DSP (UT106)
- Owner's manual

Configurations

Model	Description	Price
718 62	100W HF transceiver with AF DSP	\$679.95
718E	100W HF transceiver - export only version - full transmit, no AF DSP	\$700.00

Accessories

Model	Description	Price
Amplifiers		
PW1U 01	1KW Linear Amp	\$5.600.00
Antenna Tuners		
AH4 12	Automatic antenna tuner (long wire/AH2B)	\$299.00
AT180	Automatic antenna tuner (coax 50 Ohm load)	\$550.00
Antennas		
AH2B	Antenna element/base	Out Stock
AH710	Folded dipole antenna with an SO-239 connector. Covers 1.9 to 30MHz band. Length is approx. 80.3ft.	\$335.04
AH740	Relay-driven compact automatic tuning antenna 2.5MHz-29.999MHz	Out Stock
Cables		
OPC025D	12V DC power cord with 6-pin connector for HF radios (718/706MK2/G/756PRO/2)	\$34.42
OPC2321	Control cable adapter to 4 pin type for AH740	\$133.87
OPC2361	DC power cord with 25A fuse for 718/78/7300	\$50.49
OPC599	Cable adapter converts 13-pin ACC connector to 7-pin & 8-pin ACC connector	\$61.20
Encryption & Internal Modules		
UT106	DSP unit	\$149.17
External Speakers		
SP23	External speaker with 4 audio filters; headphone jack (5W)	\$253.00
SP33	Base station speaker (4Ohm)	\$112.20
SP34	Base station high quality speaker with internal audio filters	\$355.72
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$45.90
Filters		
CR338	TCXO, high stability crystal Unit, ± 0.5 ppm (-10°C to +50°C) IC-707/718/771/78/746/ 746PRO/7400	\$80.32
FL222	1.9kHz SSB filter IC-78/703 series/706 series/718/R75	\$229.50
Manuals		
94413342	718 CD service manual	\$11.71
97713343	718 service manual hardcopy	\$98.37
98813344	718 owner's manual	\$11.71
Microphones		
HM36	Hand microphone for all Amateur HF radios (8-pin connector)	\$76.50
SM30	Compact desktop microphone with low cut function	\$149.17
SM50	Desktop unidirectional microphone with up/down switches and low cut function	\$340.00

Accessories

Model	Description	Price
Miscellaneous		
CT17	Level converter	\$145.35
Mounting Hardware		
MB23	Carry handle and mounting hardware for the IC-718/77/707/821H/R8500/R75	\$17.00
Remote Mounting		
MBF1	Remote head mount. Adhesive pad and adjustable pivot points holds it securely. Requires MBA5 or MBA8.	\$65.02



7100

HF/VHF/UHF Transceiver

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



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 closing
Dual DSP chips deliver versatile digital processing performance
Multi-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

Configurations

Model	Description	Price
7100 02	HF/6m/2m/70cm mobile transceiver	\$1100.00

Accessories

Model	Description	Price
Amplifiers		
PW1U 01	1KW Linear Amp	\$5.600.00
Antenna Tuners		
AH4 12	Automatic antenna tuner (long wire/AH2B)	\$299.00
AT180	Automatic antenna tuner (coax 50 Ohm load)	\$550.00
Antennas		
AH2B	Antenna element/base	Out Stock
AH-5NV	Fiberglass antenna element (14.8ft) for short range communication. Special order item.	\$1543.00
AH740	Relay-driven compact automatic tuning antenna 2.5MHz-29.999MHz	Out Stock
Cables		
OPC1529R	Data cable (RS232 to 3.5mm)	\$31.36
OPC2321	Control cable adapter to 4 pin type for AH740	\$133.80
OPC589	Microphone adapter cable (8 pin to RJ-45)	\$34.42
OPC599	Cable adapter converts 13-pin ACC connector to 7-pin & 8-pin ACC connector	\$61.20
External Speakers		
SP23	External speaker with 4 audio filters; headphone jack (5W)	\$253
SP33	Base station speaker (4Ohm)	\$112.20
SP34	Base station high quality speaker with internal audio filters	\$355.72
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$45.90
Manuals		
94416603	7100 service manual CD	\$20.09
98816601	7100 owner's manual	\$13.61
Microphones		
HM103	Simple hand microphone (RJ45) for IC-706/703 series & 7100	\$95.62
HM151	Remote control microphone (7000/7100)	\$110.92
HM198	Hand microphone for 7100	\$42.07
HM209	Noise cancelling microphone	\$110.92
HM36	Hand microphone for all Amateur HF radios (8-pin connector)	\$76.50
SM30	Compact desktop microphone with low cut function	\$146.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function	\$340.00
Miscellaneous		
CT17	Level converter	\$145.35
Mounting Hardware		
MB62	Main Unit mounting bracket for the 706 Series, 703 Series, 7000 & 7100	\$38.25

Accessories

Model	Description	Price
Remote Mounting		
MBA1	Controller bracket for 7100	\$30.60
MBF1	Remote head mount. Adhesive pad and adjustable pivot points holds it securely. Requires MBA5 or MBA8.	\$65.02
OPC2253	3.5m (11ft) separation cable	\$57.37
OPC2254	5m (16ft) separation cable	\$72.67
Software & Cables		
CS7100	Programming software for 7100	\$38.25
OPC2218LU	Cloning/data cable with USB connector for ID51A/ID31A/5100A/7100	\$57.37
RC28	Remote control USB encoder	\$283.05
RSBA1	IP remote control software for amateur radios	\$98.68



7200

HF/50MHz Transceiver

SPECS

Frequencies:	RX 0.030-60.000MHz* TX 1.800-1.999; 3.500-3.999; 5.3305, 5.3465, 5.3665, 5.3715, 5.4035**; 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 0.5-29.7 and 50-54.000MHz **USB only
Receiver System:	Double conversion
Modes:	USB, LSB, CW, RTTY, (FSK), AM
Output Power:	SSB, CW, RTTY 2-100W; AM 1-40W
DSP Type:	IF 32 bit floating point DSP
Channels:	201 (199 regular, 2 scan edges)
Weight:	12.1 lb
Number in Case:	2
Warranty:	1 Year



FEATURES

- Digital IF filter with 51 passband widths
- AGC loop management
- Digital twin PBT
- USB port for PC Control
- Band stacking register
- CW carrier point (USB or LSB)
- Selectable digital filter shape CW & SSB
- Digital noise reduction and blanker
- Built-in 20dB attenuator
- Built-in voice synthesizer
- Preamplifier
- Dial lock
- Auto TS function
- 1Hz step tuning
- Quick split
- Quick set mode
- Power/SWR/ALC meter
- Rugged design for outdoor use
- Front facing speaker

SUPPLIED ACCESSORIES

- Microphone (HM36)
- DC power cable (OPC1457)
- Spare fuses
- Owner's manual

Configurations

Model	Description	Price
7200 02	100W HF + 6m ruggedized transceiver with DSP	\$1000.00

Accessories

Model	Description	Price
Amplifiers		
PW1U 01	1KW Linear Amp	\$5600.00
Antenna Tuners		
AH4 12	Automatic antenna tuner (long wire/AH2B)	\$299.00
AT180	Automatic antenna tuner (coax 50 Ohm load)	\$550.00
Antennas		
AH2B	Antenna element/base	Out Stock
AH710	Folded dipole antenna with an SO-239 connector. Covers 1.9 to 30MHz band. Length is approx 80.3ft.	\$335.04
AH740	Relay-driven compact automatic tuning antenna 2.5MHz-29.999MHz	Out Stock
Cables		
OPC1457	DC power cord with 4-pin connector and 30A fuse for 7000/7200/7410/7600/9100	\$47.68
OPC2321	Control cable adapter to 4 pin type for AH740	\$133.87
OPC599	Cable adapter converts 13-pin ACC connector to 7-pin & 8-pin ACC connector	\$61.20
External Speakers		
SP23	External speaker with 4 audio filters; headphone jack (5W)	\$253
SP33	Base station speaker (4Ohm)	\$112.20
SP34	Base station high quality speaker with internal audio filters	\$355.72
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$45.90
Manuals		
94415538	7200 service manual CD version	\$20.00
97715409	7200 service manual hardcopy	\$161.50
98815380	7200 owner's manual	\$15.30
Microphones		
HM36	Hand microphone for all Amateur HF radios (8-pin connector)	\$76.50
SM30	Compact desktop microphone with low cut function	\$149.17
SM50	Desktop unidirectional microphone with up/down switches and low cut function	\$340.00
Miscellaneous		
CT17	Level converter	\$145.35
Mounting Hardware		
MB116	Front handles for the 7200	\$70.38
MB117	Carry handle and mounting hardware for the IC-7200	\$22.95
MB118	Mounting bracket for the IC-7200	\$25.50
Software & Cables		
RC28	Remote control USB encoder	\$283.05
RSBA1	IP remote control software for amateur radios	\$98.68

7300

HF/50MHz Transceiver

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
Warranty:		1 Year



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

Configurations

Model	Description	Price
7300 02	HF/6m transceiver with an IF-DSP and internal ATU	\$1399.95

Accessories

Model	Description	Price
SP38	5W external speaker for HF radios	\$160.65

Amplifiers

PW1U 01	1KW Linear Amp	\$5.600.00
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Antenna Tuners

AH4 12	Automatic antenna tuner (long wire/AH2B)	\$299.00
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Antennas

AH2B	Antenna element/base	Out Stock
AH-5NV	Fiberglass antenna element (14.8ft) for short range communication. Special order item.	\$1543.00
AH710	Folded dipole antenna with an SO-239 connector. Covers 1.9 to 30MHz band. Length is approx. 80.3ft.	\$365.50
AH740	Relay-driven compact automatic tuning antenna 2.5MHz-29.999MHz	Out Stock

Cables

OPC2321	Control cable adapter to 4 pin type for AH740	\$133.80
OPC2361	DC power cord with 25A fuse for 718/78/7300	\$50.49
OPC599	Cable adapter converts 13-pin ACC connector to 7-pin & 8-pin ACC connector	\$61.20

External Speakers

SP23	External speaker with 4 audio filters; headphone jack (5W)	\$253
SP33	Base station speaker (4Ohm)	\$112.20
SP34	Base station high quality speaker with internal audio filters	\$355.72
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$45.90

Microphones

HM219	Hand microphone 7300/7610	\$42.07
SM30	Compact desktop microphone with low cut function	\$146.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function	\$340.00

Miscellaneous

CT17	Level converter	\$145.35
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Mounting Hardware

MB118	Mounting bracket for the IC-7200	\$26.77
MB123	Carrying handle for 7300/9100/7410	\$26.77

Software & Cables

RC28	Remote control USB encoder	\$283.05
RSBA1	IP remote control software for amateur radios	\$98.68

9100

HF/VHF/UHF Transceiver

SPECS

Frequencies: **RX** 0.030-60.000*; 136.000-174.000*; 420.000-480.000*; 1240.000-1320.000MHz* **
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; 24.890-24.999; 28.000-29.700; 50.000-54.000; 144.000-148.000; 430.000-450.000; 1240.000-1300.000MHz**

Modes: **USB, LSB, CW, RTTY (FSK), FM, AM*, DV (with UT121)**
 *Transmit HF/50MHz only. Cannot receive on 1200MHz band.

Weight: 24.3lb
 Number in Case: 2
 Warranty: 1 Year

*Some frequency bands are not guaranteed.

**With optional UX-9100

USB, LSB, CW, RTTY (FSK), FM, AM*, DV (with UT121)

*Transmit HF/50MHz only. Cannot receive on 1200MHz band.



Output Power:

	HF/50MHz	144MHz	440MHz	1200MHz ¹
SSB/CW/RTTY/FM/DV ²	2-100W	2-100W	2-75W	1-10W
AM	2-30W	--	--	--

¹ with UX-9100, ² with UT121

DSP Type: Double conversion superheterodyne
 Channels: 396 (99 for each HF/50, 144, 430/440, 1200MHz band), 4 Call (1 for each band), 24
 Scan Edges (6 for each band), 20 satellite and 50 GPS memories (with optional UX-9100)

FEATURES

Three Independent dual receivers
 32-bit floating point DSP & 24-bit AD/DA converters
 AGC loop management
 Digital IF filter
 Digital twin PBT and IF shift
 Noise reduction/noise blanker
 RF speech compressor
 Adjustable transmit bandwidth
 Large multi-function LCD
 USB connector for PC control
 Built-in voice synthesizer
 20dB built-in attenuator

VHF/UHF Features

Superb readability in VHF/UHF band
 VSC (Voice Squelch Control) Function
 AFC function (FM/DV mode)
 CTCSS and DTCS tone encoder and decoder
 9600bps data socket
 Automatic repeater function and one-touch repeater function
 High efficiency power amplifiers/heat sink

HF Features

+30dBm class third-order intercept point
 Built-in 15kHz 1st IF filter
 RTTY demodulator and decoder
 Ample CW functions
 Built-in antenna tuner for HF/50MHz band
 Manual notch filter and auto notch filter
 Two preamplifier types
 Triple band stacking register

Optional

Ready-to-install 1200MHz band unit
 D-STAR DV mode
 CS9100 programming software
 RSBA1 IP remote control software

SUPPLIED ACCESSORIES

Hand microphone (HM36)
 DC power cable (OPC1457)
 Carrying handle (MB123)
 Electronic keyer plug
 ACC cable (13-pin) (8900006110)
 Spare fuses
 Owner's manual

Configurations

Model	Description	Price
9100 02	100W/100W/100W/75W, HF/6m/2m/70cm transceiver	\$2350.00

Accessories

Model	Description	Price
Amplifiers		
PW1U 01	1KW Linear Amp	\$5.600
Antenna Tuners		
AH4 12	Automatic antenna tuner (long wire/AH2B)	\$299.00
Antennas		
AH2B	Antenna element/base	Out Stock
AH740	Relay-driven compact automatic tuning antenna 2.5MHz-29.999MHz	Out Stock
Cables		
OPC1457	DC power cord with 4-pin connector and 30A fuse for 7000/7200/7410/7600/9100	\$47.68
OPC1529R	Data cable (RS232 to 3.5mm)	\$31.36
OPC2321	Control cable adapter to 4 pin type for AH740	\$133.87
OPC599	Cable adapter converts 13-pin ACC connector to 7-pin & 8-pin ACC connector	\$61.20
Encryption & Internal Modules		
UT121	D-STAR digital board	\$175.18
External Speakers		
SP23	External speaker with 4 audio filters; headphone jack (5W)	\$253
SP33	Base station speaker (4Ohm)	\$112.20
SP34	Base station high quality speaker with internal audio filters	\$355.72
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$45.90
Filters		
FL430	6kHz 1st IF filter for better receiver performance (7410/9100)	\$95.62
FL431	3kHz 1st IF filter for better receiver performance (7410/9100)	\$95.62
Manuals		
94415692	9100 service manual - CD	\$20.00
97715691	9100 service manual - hardcopy	\$220.69
98815693	9100 owner's manual	\$25.14
Microphones		
HM36	Hand microphone for all Amateur HF radios (8-pin connector)	\$76.50
SM30	Compact desktop microphone with low cut function	\$146.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function	\$340.00
Miscellaneous		
CT17	Level converter	\$145.35
UX9100	1200MHz band unit	\$787.95
Mounting Hardware		
MB123	Carrying handle for 7300/9100/7410	\$26.77

Accessories

Model	Description	Price
Software & Cables		
CS9100	Cloning software for 9100	\$45.90
RC28	Remote control USB encoder	\$283.05
RSBA1	IP remote control software for amateur radios	\$98.68



7610

HF/50MHz Transceiver

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 Super heterodyne
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
Warranty:	1 Year



FEATURES

110dB RMDR to pull weak signals
Independent dual receiver
DIGI-SEL preselects
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



Configurations

Model	Description	Price
7610	100W HF/50MHz amateur radio base station	\$3299.00

Accessories

Model	Description	Price
Amplifiers		
PW1U 01	1KW Linear Amp	\$5600.00
Antenna Tuners		
AH4 12	Automatic antenna tuner (long wire/AH2B)	\$299.00
Antennas		
AH2B	Antenna element/base	Out Stock
AH-5NV	Fiberglass antenna element (14.8ft) for short range communication. Special order item.	\$1543.00
AH710	Folded dipole antenna with an SO-239 connector. Covers 1.9 to 30MHz band. Length is approx 80.3ft.	\$365.50
AH740	Relay-driven compact automatic tuning antenna 2.5MHz-29.999MHz	Out Stock
Cables		
OPC2321	Control cable adapter to 4 pin type for AH740	\$133.80
External Speakers		
SP23	External speaker with 4 audio filters; headphone jack (5W)	\$253.00
SP33	Base station speaker (4Ohm)	\$112.20
SP34	Base station high quality speaker with internal audio filters	\$355.72
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$45.90
Microphones		
HM219	Hand microphone 7300/7610	\$42.07
SM30	Compact desktop microphone with low cut function	\$146.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function	\$340.00
Miscellaneous		
CT17	Level converter	\$145.35
Mounting Hardware		
MB121	Carrying handle for 7610	\$25.24
Software & Cables		
RC28	Remote control USB encoder	\$283.05
RSBA1	IP remote control software for amateur radios	\$98.68



7700

HF/50MHz Transceiver

SPECS

Frequencies:	RX 0.030-60.000MHz* TX 1.800-1.999; 3.500-3.999; 5.3305, 5.3465, 5.3665, 5.3715, 5.4035**; 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 *Some frequency ranges are not guaranteed. **Carrier point frequency. USB mode only.
Receiver System:	Double conversion super- heterodyne system
Modes:	USB, LSB, CW, RTTY, PSK31, AM, FM
Output Power:	SSB, CW, RTTY, PSK31, FM: 5- 200W; AM: 5-50W
Channels:	101 (99 regular, 2 scan edges)
Weight:	49.6lb
Number in Case:	1
Warranty:	1 Year



FEATURES

- +40dBm IP3Dual watch RX (same band only)
- 7-Inch wide color TFT LCD
- Multi-function spectrum scope
- Triple band stack registers
- Independent Digi-Sel controls
- Independent auto tune
- Digital voice recorder controls
- Retractable controls
- 200W output power
- Headphone jack
- Independent AGC settings
- 3 roofing filters - 3kHz, 6kHz, 15kHz
- Two USB ports to connect keyboard and/or memory stick

SUPPLIED ACCESSORIES

- ACC plugs
- AC power cable (OPC510)
- Speaker plugs
- Rack mount handles
- Power plug
- Key and pin plug
- Spare fuses
- Owner's manual

Configurations

Model	Description	Price
7700 12	200W HF + 6m transceiver with single receiver	\$5,995.00

Accessories

Model	Description	Price
Amplifiers		
PW1U 01	1KW Linear Amp	\$5600.00
Cables		
OPC510	AC power cable for the 7800/7700	\$23.00
External Speakers		
SP23	External speaker with 4 audio filters; headphone jack (5W)	\$253.00
SP33	Base station speaker (4Ohm)	\$112.20
SP34	Base station high quality speaker with internal audio filters	\$355.72
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$45.90
Manuals		
94415352	7700 CD service manual	\$20.00
97715351	7700 service manual hardcopy	\$47.43
98815353	7700 owner's manual	\$26.48
Microphones		
HM36	Hand microphone for all Amateur HF radios (8-pin connector)	\$76.50
SM30	Compact desktop microphone with low cut function	\$146.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function	\$340.00
Miscellaneous		
CT17	Level converter	\$145.35
Software & Cables		
RC28	Remote control USB encoder	\$283.05
RSBA1	IP remote control software for amateur radios	\$38.25



7851

HF/50MHz Transceiver

SPECS

Frequencies:	RX 0.030-60.000MHz* TX 1.800-1.999; 3.500-3.999; 5.3305, 5.3465, 5.3665, 5.3715, 5.4035**; 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 *Some frequency ranges are not Guaranteed. **Carrier point frequency..
Receiver System:	Double conversion super- heterodyne system
Modes:	USB, LSB, CW, RTTY, PSK31, AM, FM
Output Power:	SSB, CW, RTTY, PSK31, FM, AM 5 - 50W
Channels:	101 (99 regular, 2 scan edges)
Weight:	55lb
Number in Case:	1
Warranty:	2 Year



FEATURES

- 1.2kHz "optimum" roofing filter
- Dual scope function
- High resolution spectrum waterfall
- +40dBm IP37-Inch Wide Color TFT LCD
- Dual receivers
- Dual receive controls
- Multiple meter readouts
- Multiple spectrum displays
- Triple band stack registers
- Four 32 bit floating point DSP units
- Independent Digi-Sell controls
- Dual digital twin Passband tuning
- More dual receive controls
- Dual VFO tuning knobs
- Independent auto tune
- Digital voice recorder controls
- Retractable controls
- 200W output power
- CF card slot
- Headphone jack
- Independent AGC settings
- 3 roofing filters - 3kHz, 6kHz, 15kHz

SUPPLIED ACCESSORIES

- CF memory card
- AC power cable (built-in)
- Rack mount handles
- Spare fuses
- Plugs & connectors
- Owner's manual

Configurations

Model	Description	Price
7851 02	200W HF + 6m transceiver with 2 independent receivers, internal power supply and antenna tuner (ATU)	\$12,499.00

Accessories

Model	Description	Price
Amplifiers		
PW1U 01	1KW Linear Amp	\$5,600.00
External Speakers		
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$45.90
Microphones		
HM36	Hand microphone for all Amateur HF radios (8-pin connector)	\$76.50
SM30	Compact desktop microphone with low cut function	\$146.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function	\$340.00
Miscellaneous		
7850/7851 BOOK	Technical reference book	\$40.00
CT17	Level converter	\$145.35



78

HF Transceiver for Export Only

SPECS

Frequencies:	RX 0.030-29.999999MHz** TX 1.6-29.999999MHz*** **Guaranteed range: 0.5-29.999999MHz ***Not Guaranteed for some frequency bands
Receiver System:	Double conversion
Modes:	USB, LSB, CW, RTTY (FSK), AM
Output Power:	SSB, CW, RTTY 2-100W; AM 2-40W
DSP Type:	None
Channels:	99 (Duplex) +1 (Call channel)
Weight:	8 lb 6 oz
Number in Case:	2
Warranty:	1 Year



FEATURES

- Durable, powerful construction
- Direct keyboard entry
- Large easy to read LCD
- Ample 99 channels with 8-digit channel name capability
- Superior basic performance
- Front mounted loud speaker
- High frequency stability
- Flexible filter selection
- VFO mode operation

SUPPLIED ACCESSORIES

- Hand microphone (HM36)
- DC power cable (OPC025A)
- Spare fuses
- Owner's manual

Configurations

Model	Description	MSRP	Price
78 41	100W HF transceiver WITHOUT AF DSP - EXPORT ONLY		\$650.00

Accessories

Model	Description	MSRP	Price
Antenna Tuners			
AH4 12	Automatic antenna tuner (long wire/AH2B)		\$299.00
AT130	Auto antenna tuner M710/IC-78		\$527.85
MN100	Antenna matcher. Matches the transceiver to a dipole antenna. Covers all HF bands from 1.5 to 30MHz. Two 8m antenna wires come standard.		Out Stock
MN100L	Antenna matcher. Matches the transceiver to a long wire antenna. Covers all HF bands from 1.5 to 30mhz. One 15m antenna comes standard.		Out Stock
Antennas			
AH2B	Antenna element/base		Out Stock
AH710	Folded dipole antenna with an SO-239 connector. Covers 1.9 to 30MHz band. Length is approx 80.3ft.		\$365.50
AH740	Relay-driven compact automatic tuning antenna 2.5MHz-29.999MHz		Out Stock
Cables			
OPC025A	12V DC power cord (751/745/740/735)		\$34.42
OPC025D	12V DC power cord with 6-pin connector for HF radios (718/706MK2/G/756PRO/2)		\$34.42
OPC2321	Control cable adapter to 4 pin type for AH740		\$133.80
OPC2361	DC power cord with 25A fuse for 718/78/7300		\$50.49
Encryption & Internal Modules			
UT106	DSP unit		\$149.17
External Speakers			
SP23	External speaker with 4 audio filters; headphone jack (5W)		\$253.00
SP33	Base station speaker (4Ohm)		\$112.20
SP34	Base station high quality speaker with internal audio filters		\$355.72
SP35	5W external speaker with 3.5mm speaker jack and 2m cable		\$45.90
Filters			
CR338	TCXO, high stability crystal Unit, \pm 0.5 ppm (-10°C to +50°C) IC-707/718/77/78/746/ 746PRO/7400		\$80.32
FL222	1.9kHz SSB filter IC-78/703 series/706 series/718/R75		\$229.50
Manuals			
94413419	78 CD service manual		\$37.84
97713420	78 service manual hardcopy		\$33.09
98813421	78 owner's manual		\$7.00
Microphones			
HM36	Hand microphone for all Amateur HF radios (8-pin connector)		\$76.50
SM30	Compact desktop microphone with low cut function		\$146.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function		\$340.00

Accessories

Model	Description	MSRP	Price
Miscellaneous			
CT17	Level converter		\$145.35
Mounting Hardware			
MB23	Carry handle and mounting hardware for the IC-718/77/707/821H/R8500/R75		\$20.00
Remote Mounting			
MBF1	Remote head mount. Adhesive pad and adjustable pivot points holds it securely. Requires MBA5 or MBA8.		\$68.00



Receivers



R6

Communications 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
Warranty:	1 Year



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
PC controllable with optional CT17
Built-in audio low pass filter

SUPPLIED ACCESSORIES

Antenna (FAS270C)
Belt clip
Hand strap
Owner's manual

Configurations

Model	Description	Price
R6 SPORT	Scanning receiver. Blocked version for consumer purchase. No supplied battery or charger. Requires 2 AA batteries.	\$209.95
R6E	Unblocked receiver for Federal/Export Only. No supplied battery or charger. Requires 2 AA batteries.	\$229.00

Accessories

Model	Description	Price
Antennas		
AD92SMA	Antenna connector adapter to connect a BNC-type antenna	\$15.30
FAS270C	Wideband RX antenna (SMA)	\$26.77
Carrying Cases		
LC146A	R5/R6 carrying case	\$22.95
Chargers		
BC153SE	Trickle charger R5/R6/R20/BC194; 100-240V with a Euro style plug	\$22.95
BC194 02	Drop-in trickle charger stand to use with the BC-196S or CP-18A (R6)	\$29.83
BC196SA	120V AC adapter for R6/BC194	\$26.77
CP18A	Cigarette lighter cable 12V	\$30.06
Manuals		
94415532	R6 CD service manual	\$37.84
97715530	R6 hardcopy service manual	\$27.01
98815531	R6 owner's manual	\$14.53
Microphones		
SP27	Acoustic tube earphone with a clip to attach to clothing	\$26.77
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	\$24.10
Miscellaneous		
CT17	Level converter	\$145.35
Software & Cables		
CSR6	Programming software fo R6	\$46.34
OPC474	Radio to radio cloning cable (3.5mm to 3.5mm)	\$15.30
OPC478	PC to handheld programming cable with RS-232S connector for radios with 2-pin connectors	\$45.90
OPC478UC	PC to handheld programming cable with USB connector for radios with 2-pin connectors	\$53.55



R9500

Communications Receiver

SPECS

Frequencies:	0.005-3335.000MHz* *Cellular bands are blocked in U.S.A. version
Display Type:	TFT LCD (800x480)
Band Scope:	Multi-Function Spectrum Scope
Receiver Type:	Super heterodyne
Modes:	USB, LSB, CW, FSK, AM, FM, WFM, P25* (*optional UT-122 Required)
Channels:	1220 (1000 regular, 100 auto memory write channels, 100 memory scan skip, and 20 scan edges)
Scan Edges:	20 Pair
AFC:	Yes (FM/WFM mode only)
VSC:	Yes
Alphanumeric Display:	Yes
PC Programming:	Yes
PC Controllable:	Yes



TCSS Tone:	Standard
Attenuation:	3 levels (10dB, 20dB, 30dB)
Power Supply:	100V/120V/230V/240V AC
Antenna Connector:	4 (SO-239, RCA, 2 type-N)
Weight:	44.1lb
Number in Case:	1
Warranty:	1 Year

FEATURES

Wideband coverage
+40dBm 3rd order intercept point and 109dB dynamic range*
(*At 14.1MHz)
Multi-function high performance spectrum scope
±0.05ppm high frequency stability
±3dB* accuracy of dBμ/dBμ(emf) /dBm meter
(*10 to 70dBμ signal between 100kHz to 3335MHz at 25°C)
SSB/CW/AM mode auto tuning function
Optional P25 digital mode reception
Professional grade operation, functionality and build

SUPPLIED ACCESSORIES

AS power cable
Carrying handles
RCA plugs
DC power plug
ACC plugs
Speaker plugs
Spare fuses
Owner's manual

Configurations

Model	Description	Price
R9500 02	Blocked version for consumer purchase	\$14,400.00
R9500 06	Unblocked for Federal/Export Only	\$15,375.00

Accessories

Model	Description	Price
Antennas		
AH8000	Discone antenna wideband RX TX 100-3300MHz	\$260.10
Encryption & Internal Modules		
UT122	P-25 digital unit	\$228.73
External Speakers		
SP34	Base station high quality speaker with internal audio filters	\$355.72
Manuals		
98815256	R9500 owner's manual	\$115.87
Miscellaneous		
CT17	Level converter	\$145.35



Discontinued Radios



7600

The 7600 is **Discontinued** and no longer available from Icom. Icom does still sell the below compatible accessories

SPECS

Frequencies:	RX 0.030-60.000MHz* TX 1.800-1.999; 3.500-3.999; 5.3305, 5.3465, 5.3665, 5.3715, 5.4035**; 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 *Some frequency ranges are not Guaranteed. **Carrier point frequency. USB mode only.
Receiver System:	Double Conversion Superheterodyne
Modes:	USB, LSB, CW, RTTY, PSK31, AM, FM
Output Power:	SSB, CW, RTTY, PSK31, FM 2- 100W; AM 1-30W
Channels:	101 (99 regular, 2 scan edges)
Weight:	22.0lb
Number in Case:	1
Warranty:	1 Year



FEATURES

- Real-time, high resolution spectrum scope
- Dual watch RX (same band only)
- 5.8 inch ultra-wide viewing TFT display, 400 x 240 resolution
- Three 1st IF (roofing) filters - 3kHz, 6kHz, 15kHz
- Digital notch filter
- Digital twin PBT
- Digital voice recorder controls
- RTTY/PSK31 encoder/decoder built in
- Triple band stacking register
- USB keyboard and USB flash drive connection (PC and software not required)
- 104dB dynamic range, +30dB, 3rd order intercept point in HF bands
- Dual AGC loops controlled by DSP
- Multi-function meter
- Built-in high-speed automatic antenna tuner
- Built-in memory keyer
- Microphone equalizer and adjustable transmit bandwidth
- RF speech compressor
- Two types of send relay settings – mechanical or FET switch
- Built-in 3-step RF attenuator (6, 12 and 18dB)
- High stability TCXO unit

SUPPLIED ACCESSORIES

- Hand microphone (HM36)
- DC power cable (OPC1457)
- Carrying handle (MB121)
- CW key plug
- Spare fuses)
- Owner's manual

Configurations

Model	Description	Price
7600 02	100W HF + 6m transceiver with dual watch	Out Stock \$2,275.00

Accessories

Model	Description	Price
Amplifiers		
PW1U 01	1KW Linear Amp	\$5,600.00
Antenna Tuners		
AH4 12	Automatic antenna tuner (long wire/AH2B)	\$299.00
Antennas		
AH2B	Antenna element/base	Out Stock
AH710	Folded dipole antenna with an SO-239 connector. Covers 1.9 to 30MHz band. Length is approx 80.3ft.	\$365.50
AH740	Relay-driven compact automatic tuning antenna 2.5MHz-29.999MHz	Out Stock
Cables		
OPC1457	DC power cord with 4-pin connector and 30A fuse for 7000/7200/7410/7600/9100	\$70.00
OPC2321	Control cable adapter to 4 pin type for AH740	\$133.80
External Speakers		
SP23	External speaker with 4 audio filters; headphone jack (5W)	\$253.00
SP33	Base station speaker (4Ohm)	\$112.20
SP34	Base station high quality speaker with internal audio filters	\$355.72
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$45.90
Manuals		
94415460	7600 service manual - CD	\$20.00
97715444	7600 service manual - hardcopy	\$298.52
98815437	7600 owner's manual	\$30.00
Microphones		
HM36	Hand microphone for all Amateur HF radios (8-pin connector)	\$76.50
SM30	Compact desktop microphone with low cut function	\$146.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function	\$340.00
Miscellaneous		
CT17	Level converter	\$145.35
Software & Cables		
RC28	Remote control USB encoder	\$283.05
RSBA1	IP remote control software for amateur radios	\$98.68



ID880H

The ID880H is **Discontinued** and no longer available from Icom. Icom does still sell the below compatible accessories

Accessories

Model	Description	Price
Cables		
OPC1132	DC power cable. Comes standard with most mobile radios (9.8ft) and has a 2-pin T connector	\$34.42
OPC1529R	Data cable (RS232 to 3.5mm)	\$31.36
OPC347	DC power cable (23ft)	\$53.55
OPC440	Microphone extension cable (RJ-45 M/F) (16.4ft)	\$76.50
OPC589	Microphone adapter cable (8 pin to RJ-45)	\$34.42
External Speakers		
SP34	Base station high quality speaker with internal audio filters	\$355.72
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$45.90
Manuals		
94415461	ID880H CD service manual	\$37.84
97715446	ID880H service manual - hardcopy	\$40.00
98815455	ID880H owner's manual	\$25.30
Microphones		
HM103	Simple hand microphone (RJ45) for IC-706/703 series & 7100	\$95.62
HM154	Simple microphone for Amateur mobile radios (RJ45)	\$42.07
HM209	Noise cancelling microphone	\$110.92
Remote Mounting		
MBF1	Remote head mount. Adhesive pad and adjustable pivot points holds it securely. Requires MBA5 or MBA8.	\$65.02
OPC1154A	3.5m front panel separation cable	\$16.50
Software & Cables		
OPC474	Radio to radio cloning cable (3.5mm to 3.5mm)	\$16.50
OPC478	PC to handheld programming cable with RS-232S connector for radios with 2-pin connectors	\$45.90
OPC478UC	PC to handheld programming cable with USB connector for radios with 2-pin connectors	\$53.55



80AD

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

Accessories

Model	Description	Price
Antennas		
AD92SMA	Antenna connector adapter to connect a BNC-type antenna	\$15.30
FAS270C	Wideband RX antenna (SMA)	\$26.77
Belt Clips		
MB107	Standard belt clip for the 91A/AD	\$9.90
MB86	Swivel belt clip that screws into back of radio	\$9.90
Cables		
OPC1529R	Data cable (RS232 to 3.5mm)	\$31.36
OPC254L	Power supply cable; 10-14V DC required for high power output	\$15.30
Chargers		
BC123SA 51	AC adapter for rapid chargers; 100-240V with US style plug	\$19.12
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	\$19.89
BC139 02	Rapid charger for BP217 battery. Charges in approx 2.5 hours.	\$93.33
BC167SA	Wall trickle charger; 100-240V with US style plug	\$26.77
BC167SD	Wall trickle charger; 100-240V with Euro style plug	\$30.06
CP12L	Cigarette lighter cable with noise filter and right angle connector	\$32.89
CP19R	Cigarette lighter cable with DC-DC converter, 10-16V DC required	\$39.78
Manuals		
94415462	80AD service manual - CD	\$37.84
97715445	80AD service manual - hardcopy	\$33.09
98815454	80AD owner's manual	\$22.32
Microphones		
HM131	Speaker/microphone with earphone jack and clip (straight 2-pin, both stereo plug)	\$34.42
HM189GPS	2-Pin GPS mic for 80AD	\$248.60
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	\$24.10
Software & Cables		
OPC474	Radio to radio cloning cable (3.5mm to 3.5mm)	\$15.30
OPC478	PC to handheld programming cable with RS-232S connector for radios with 2-pin connectors	\$45.90
OPC478UC	PC to handheld programming cable with USB connector for radios with 2-pin connectors	\$53.55
Wire Kits		
HM128	Earphone-microphone with 2-pin straight connector	\$22.95

92AD

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

Accessories

Model	Description	Price
Antennas		
AD92SMA	Antenna connector adapter to connect a BNC-type antenna	\$15.30
FAS270C	Wideband RX antenna (SMA)	\$26.77
Batteries		
BP256	Li-Ion 7.4V 1500mAh 92AD	\$87.97
Belt Clips		
MB111	Standard belt clip for the 92AD	\$15.30
Cables		
OPC254L	Power supply cable; 10-14V DC required for high power output	\$15.30
Carrying Cases		
LC168	92AD Carrying Case	\$26.77
Chargers		
BC123SA 51	AC adapter for rapid chargers; 100-240V with US style plug	\$19.12
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	\$19.89
BC167SA	Wall trickle charger; 100-240V with US style plug	\$26.77
BC167SD	Wall trickle charger; 100-240V with Euro style plug	\$30.06
BC177 02	92AD rapid charger	\$82.00
CP12L	Cigarette lighter cable with noise filter and right angle connector	\$32.89
CP19R	Cigarette lighter cable with DC-DC converter, 10-16V DC required	\$39.78
Manuals		
94415333	92AD CD service manual	\$37.84
97715331	92AD service manual hardcopy	\$75.85
98815332	92AD owner's manual	\$19.29
Microphones		
HM131	Speaker/microphone with earphone jack and clip (straight 2-pin, both stereo plug)	\$34.42
OPC1797	Microphone adapter cable connects multipin to SP/Mic connectors	\$15.30
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	\$24.10
Software & Cables		
OPC474	Radio to radio cloning cable (3.5mm to 3.5mm)	\$15.30
RS92	Remote control software for 92AD. Must use with OPC-1799 that comes with the software.	\$84.15
Wire Kits		
HM128	Earphone-microphone with 2-pin straight connector	\$22.95

ID1

The ID1 is **Discontinued** and no longer available from Icom. Icom does still sell the below compatible accessories

Accessories

Model	Description	Price
Cables		
OPC1069A	Ethernet cable for the IDRPs products	\$11.47
OPC1132	DC power cable. Comes standard with most mobile radios (9.8ft) and has a 2-pin T connector	\$34.42
OPC347	DC power cable (23ft)	\$53.55
OPC440	Microphone extension cable (RJ-45 M/F) (16.4ft)	\$76.50
External Speakers		
SP34	Base station high quality speaker with internal audio filters	\$355.72
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$45.90
Manuals		
94414968	ID1 CD service manual	\$20.00
97715091	ID1 service manual- hardcopy	\$33.57
98814785	ID1 owner's manual	\$16.26
Microphones		
HM154	Simple microphone for Amateur mobile radios (RJ45)	\$42.07
Mounting Hardware		
MB28H	Universal mounting bracket for small Amateur mobiles. Radio Width 141mm (5.5") screw spacing 50mm (2.0") One radio mounting hole fixed, one adjustable. 27/28/228H/229H/2350H/2710H/2720H/2200H/207H/208H	\$22.18
Software & Cables		
RSID1	ID1 control software	\$33.66



ID31A

The ID31A is **Discontinued** and no longer available from Icom. Icom does still sell the below compatible accessories

Accessories

Model	Description	Price
Antennas		
AD92SMA	Antenna connector adapter to connect a BNC-type antenna	\$15.30
FAS270C	Wideband RX antenna (SMA)	\$26.77
Batteries		
BP271	Li-ion 7.4V 1200mAh (typical capacity), 1150mAh (minimum value)	\$75.73
BP272	Li-ion 7.4V 2000mAh (typical capacity), 1880mAh (minimum value)	\$160.33
BP273	Battery case that holds 3 AA alkaline batteries	\$52.02
Belt Clips		
MB127	Alligator belt clip	\$19.12
Cables		
OPC2144	Right angle plug adapter cable to plug old straight pin connector headsets into (required to use with OPC478 when programming radios)	\$26.77
OPC254L	Power supply cable; 10-14V DC required for high power output	\$15.30
Carrying Cases		
LC178	Carrying case for ID-31A	\$34.42
Chargers		
BC123SA 51	AC adapter for rapid chargers; 100-240V with US style plug	\$19.12
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	\$19.89
BC167SA	Wall trickle charger; 100-240V with US style plug	\$26.77
BC167SD	Wall trickle charger; 100-240V with Euro style plug	\$30.06
BC202 02	Rapid charger (includes BC-123SA AC adapter in the box with US plug)	\$53.55
CP12L	Cigarette lighter cable with noise filter and right angle connector	\$32.89
CP19R	Cigarette lighter cable with DC-DC converter, 10-16V DC required	\$39.78
Headsets		
HS94	Earpiece headset; use with VS1/OPC2004/OPC2006/OPC1392	\$19.12
HS95	Headset with boom mic; use with VS1/OPC2004/OPC2006/OPC1392	\$162.70
HS97	Earphone with throat mic headset; use with VS1/OPC2004/OPC2006/OPC1392	\$32.13
OPC2006LS	Adapter plug with VOX and no PTT to to use with the HS94/95/97	\$26.77
OPC2328	Adapter plug with PTT to to use with the HS94/95/97	\$85.00
Manuals		
94416541	ID31A CD service manual	\$11.83
97716539	ID31A service manual hardcopy	\$23.40
98816540	ID31A owner's manual	\$13.02
Microphones		
HM186LS	Compact speaker microphone with slim right angle connector	\$49.72
HM75LS	Remote control speaker microphone with transmit indicator and earphone jack (right angle 2-pin, both stereo plug)	\$75.73
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	\$24.10

Accessories

Model	Description	Price
Miscellaneous		
CT17	Level converter	\$145.35
Software & Cables		
OPC2218LU	Cloning/data cable with USB connector for ID51A/ID31A/5100A/7100	\$57.37
Wire Kits		
HM153LS	Covert durable microphone with earphone combination (right angle 2-pin connector)	\$133.87
HM166LS	Earphone microphone with two pin right angle connector	\$75.73



V8000

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

Accessories

Model	Description	Price
Cables		
OPC1132	DC power cable. Comes standard with most mobile radios (9.8ft) and has a 2-pin T connector	\$34.42
OPC346	Power cable for the 281H DELTA 100H 2000H F320S F420S F1020 2710H	\$34.42
OPC347	DC power cable (23ft)	\$53.55
OPC440	Microphone extension cable (RJ-45 M/F) (16.4ft)	\$76.50
OPC589	Microphone adapter cable (8 pin to RJ-45)	\$34.42
External Speakers		
SP34	Base station high quality speaker with internal audio filters	\$355.72
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$45.90
Manuals		
94414100	V8000 CD service manual	\$20.00
97714097	V8000 service manual hardcopy	\$37.31
98814186	V8000 owner's manual	\$12.50
Microphones		
HM133V	Standard partial function remote microphone (squelch only) 2300H/V8000	\$81.09
HM154	Simple microphone for Amateur mobile radios (RJ45)	\$42.07
HM154T	Basic DMTF microphone (RJ45 connector) all Amateur models	\$68.85
Software & Cables		
CSV8000	V8000 Cloning Software	\$35.70
OPC474	Radio to radio cloning cable (3.5mm to 3.5mm)	\$15.30
OPC478	PC to handheld programming cable with RS-232S connector for radios with 2-pin connectors	\$45.90
OPC478UC	PC to handheld programming cable with USB connector for radios with 2-pin connectors	\$53.55



7410

The 7410 is **Discontinued** and no longer available from Icom. Icom does still sell the below compatible accessories

Accessories

Model	Description	Price
Amplifiers		
PW1U 01	1KW Linear Amp	\$5,600.00
Antenna Tuners		
AH4 12	Automatic antenna tuner (long wire/AH2B)	\$299.00
Antennas		
AH2B	Antenna element/base	Out Stock
AH740	Relay-driven compact automatic tuning antenna 2.5MHz-29.999MHz	Out Stock
Cables		
OPC1457	DC power cord with 4-pin connector and 30A fuse for 7000/7200/7410/7600/9100	\$75.00
OPC2321	Control cable adapter to 4 pin type for AH740	\$133.80
OPC599	Cable adapter converts 13-pin ACC connector to 7-pin & 8-pin ACC connector	\$61.20
External Speakers		
SP23	External speaker with 4 audio filters; headphone jack (5W)	\$253.00
SP33	Base station speaker (4Ohm)	\$112.20
SP34	Base station high quality speaker with internal audio filters	\$355.72
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	\$45.90
Filters		
FL430	6kHz 1st IF filter for better receiver performance (7410/9100)	\$95.62
FL431	3kHz 1st IF filter for better receiver performance (7410/9100)	\$95.62
Manuals		
94415599	7410 service manual - CD	\$37.84
97715598	7410 service manual - hardcopy	\$73.47
98815597	7410 owner's manual	\$16.26
Microphones		
HM36	Hand microphone for all Amateur HF radios (8-pin connector)	\$76.50
SM30	Compact desktop microphone with low cut function	\$146.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function	\$340.00
Miscellaneous		
CT17	Level converter	\$145.35
Mounting Hardware		
MB123	Carrying handle for 7300/9100/7410	\$26.77
Software & Cables		
RC28	Remote control USB encoder	\$283.05
RSBA1	IP remote control software for amateur radios	\$98.68

R20

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

Accessories

Model	Description	Price
Antennas		
FAB04RE	Wideband RX antenna (BNC)	\$24.65
Batteries		
BP206	Li-Ion 3.7V 1650 standard battery for the R3/R20	\$54.31
Belt Clips		
MB86	Swivel belt clip that screws into back of radio	\$8.00
MB98	Standard belt clip for the F50/60 & M88	\$10.00
Carrying Cases		
LC158	R20 carrying case	\$34.42
Chargers		
BC153SA	Trickle charger R5/R6/R20/BC194; 100-240V with a US style plug	\$22.95
BC156	Desktop rapid charger for the R20 (not CEC compatible for AM radios)	\$84.15
CP18A	Cigarette lighter cable 12V	\$30.60
Manuals		
97714840	R20 service manual hardcopy	\$67.09
98814851	R20 owner's manual	\$14.92
Microphones		
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	\$24.10
Miscellaneous		
CT17	Level converter	\$145.35
Software & Cables		
CSR20	R20 cloning software and includes OPC1382 programming cable	\$56.10



R75

The R75 is **Discontinued** and no longer available from Icom. Icom does still sell the below compatible accessories

Accessories

Model	Description	Price
Chargers		
AD55S 22	110V AC power supply adapter	\$48.96
Encryption & Internal Modules		
UT106	DSP unit	\$175.00
External Speakers		
SP23	External speaker with 4 audio filters; headphone jack (5W)	\$253.00
Filters		
FL222	1.9kHz SSB filter IC-78/703 series/706 series/718/R75	\$229.50
FL223	9MHz 1.9kHz SSB filter IC-706 Series/746/756/775/781/R75	\$115.00
Manuals		
94412913	R75 CD service manual	\$20.00
97712938	R75 service manual hardcopy	\$100.00
98812934	R75 owner's manual	\$8.90
Miscellaneous		
CR282	High stability crystal (775DSP/R75)	\$103.50
CT17	Level converter	\$175.40
Mounting Hardware		
MB23	Carry handle and mounting hardware for the IC-718/77/707/821H/R8500/R75	\$18.00
Software & Cables		
OPC478	PC to handheld programming cable with RS-232S connector for radios with 2-pin connectors	\$45.90



R8500

The R8500 is **Discontinued** and no longer available from Icom. Icom does still sell the below compatible accessories

Accessories

Model	Description	Price
Antennas		
AH8000	Discone antenna wideband RX TX 100-3300MHz	\$260.10
Chargers		
AD55S 22	110V AC power supply adapter	\$48.96
External Speakers		
SP23	External speaker with 4 audio filters; headphone jack (5W)	\$253.00
Manuals		
97712352	R8500 service manual hardcopy	\$69.61
98812203	R8500 owner's manual	\$12.00
Mounting Hardware		
MB23	Carry handle and mounting hardware for the IC-718/77/707/821H/R8500/R75	\$18.00
Software & Cables		
RSR8500	Remote control software R8500	\$76.50





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