

VHF AIRBAND TRANSCEIVER **IC-A220**

Easy To Install And View
 White OLED Display & White Key Backlight
 Auto Dimmer Function
 Flip Flop Channel Selection
 Dual Watch Function
 Auto Stack Memory
 Automatic Squelch Function
 Manual Squelch Function
 12V/24V DC Power Source
 Voice Activated Intercom Function
 D-Sub 25 Pin Connector
 20 Memory Channels with 6 Character Channel Name
 Automatic Weather Channel Scanning And Receive

Dualwatch & Priority Watch Functions
 One Touch 121.5MHz Emergency Key
 Side Tone Function
 ANL Noise Limiter
 PC Programmable
 Remote Control Capable
 Dial Lock & Panel Lock
 Time-Out Timer
 Power: 8w
 Frequency: 118.000 - 136.992MHz
 Channels: 200
 Spacing: 8.33 kHz; 25 kHz
 Approvals: MIL-STD-810-C/D/E/F/G



A220M *VHF 8w Includes MB53 Mounting Bracket, External Speaker & Microphone*

A220TSO *VHF 8w Includes MB53 Mounting Bracket, External Speaker & Microphone*
 Meets RTCA-160G Requirements, Accepted For ETSO Approval

A220B *VHF 8w Includes Desktop Power Supply, Built In Speaker & Hand Microphone*

OPC1529R Programming Cable

VHF AIRBAND TRANSCEIVER **IC-A120**

High Visibility, Simple Operation
 Optional Bluetooth Headset Connectivity
 Active Noise Cancelling
 IP54 Dust Protection & Water Resistance
 On Hook Scan Function
 Dualwatch Function
 Priority Scan Function
 Side Tone Function
 Optional Speaker Microphone
 200 Channels with 12 Character Channel Names
 12V / 24V Compatible

Power On Password Protection
 PC Programming Capable
 CI-V Commands For External Control
 VE-PG3 PoIP Gateway For Interconnect With Other Devices
 Includes HM216 Hand Mic, DC Power Cable, Microphone Hanger Kit, Mounting Bracket Kit, Fuses
 Power: 36w
 Frequency: 118.000 - 136.992MHz
 Channels: 200
 Spacing: 8.33 kHz; 25 kHz
 Approvals: MIL-STD-810-C/D/E/F/G



A120 *VHF 200ch 36w*

A120B *VHF 200ch 36w Includes Desktop Power Supply, Built In Speaker & Hand Microphone*

VHF AIRBAND TRANSCEIVER **IC-A6**

Simple One Handed Operation
 Flip Flop Channel Recall
 External DC Charging / Power Jack
 Water Resistant Construction
 200 Memory Channels with 6 Character Names
 Dedicated 121.5MHz Emergency Key
 Side Tone Function
 Optional Ni-Cd & Li-Ion Batteries
 NOAA Marine Weather Channels
 Tag Scanning & Memory Bank Scanning

ANL Auto Noise Limiter
 Low Battery Alert
 External Speaker Connector
 Includes: BP210N Battery Pack, MB103 Belt Clip, FAB02AR Antenna, Handstrap
 Power: 5W typ. (PEP), 1.5W (CW)
 Frequency: 118.000 - 136.975MHz
 Channels: 200
 Spacing: 25 kHz
 Approvals: MIL-STD-810-C/D/E/F



A6-30 *VHF 200ch 5w*

BP208N (6) AA Alkaline Battery Case (Requires MB103 Belt Clip)

MB86 Swivel Belt Clip For "N" Style Battery

MB96N Swivel Leather Belt Hanger

MB96F Leather Belt Hanger

OPC499 Third Party Headset Adapter Cable

VHF AIRBAND TRANSCEIVER **IC-A14 / IC-A14S**

Made With The Student Pilot In Mind
 700mW Loud Audio
 BTL Amplifier Doubles Audio Output
 Full Keypad or Simple Keypad
 Dedicated 121.5MHz Emergency Key
 NOAA Weather Channels
 Compact, Lightweight and Rugged
 Water Resistant Construction
 Large Capacity Li-Ion Battery
 200 Channels with 8 Character
 Channel Name (Full Keypad Ver.)
 100 Channels (Simple Keypad Ver.)
 Side Tone Function

ANL Noise Limiter
 Low Battery Indicator & Beep Alert
 Adjustable Mic Gain
 Includes BC179 Holder Type Battery
 Charger, BP232N Battery, MB94
 Belt Clip, FAB02AR Antenna,
 Handstrap

Power: 5W typ. (PEP), 1.5W (CW)
 Frequency: 118.000 - 136.975MHz
 Channels: 200
 Spacing: 25 kHz
 Approvals: MIL-STD-810-C/D/E/F



A14

A14 21	VHF 200ch 5w Full Keypad
MB96F	Leather Belt Hanger
OPC499	Third Party Headset Adapter Cable

VHF AIRBAND TRANSCEIVER **A25C / A25N**

IP57 Waterproof Rating
 2350mAh Li-Ion Battery
 Easy To Use Interface
 2.3" LCD Display
 Day Mode / Night Mode
 Flip Flop Channel Recall
 121.5 MHz Emergency Key
 Weather Channels
 Priority Watch / Priority Scan
 VFO Scan
 Memory Channel Scan

Includes BC224 + BC123SA Charger
 with AC Adapter, BP288 Battery,
 MB133 Belt Clip, FAB02AR
 Antenna, OPC2379 Headset
 Adapter, Handstrap

Power: 6W typ. (PEP), 1.8W (CW)
 Frequency: 118.000 - 136.975MHz
 Channels: 300
 Spacing: 8.33/25 kHz
 Approvals: MIL-STD-810-C/D/E/F



A25C

A25N

A25C	VHF 300ch 6w Full Keypad
A25N	VHF 300ch 6w Full Keypad Built-In Bluetooth, GPS and VOR Navigation
MB96F	Leather Belt Hanger

VHF MARINE TRANSCEIVER **IC-M424G**

Active Noise Cancelling
 10W Loud Audio, PA, and Foghorn
 Built-In Class D DSC
 Built-In GPS Receiver
 NMEA 0183 Connectivity
 AquaQuake Draining Function
 IPX7 Submersible Protection
 Weather Channels with Alert
 Dual/Tri Watch Function
 Priority and Normal Scan
 Includes: HM205SW Hand Mic, DC
 Power Cable, Mounting Bracket Kit



M424G21	VHF 25w Black
M424G22	VHF 25w White

VHF MARINE TRANSCEIVER **IC-M324 01**

NMEA 0183 Connectivity
 Large LCD Display
 Intuitive User Interface
 MA-500TR AIS Transponder And
 Marine Commander Compatible
 IPX7 Submersible Protection
 AquaQuake Draining Function
 Favorite Channel Function
 Class D DSC Functions
 Includes HM200B/SW Hand Mic, DC
 Power Cable, Mounting Bracket



M324 01 *VHF 25w Black*

VHF MARINE TRANSCEIVER **IC-M36**

Clear Voice Boost
 Floating Waterproof Design
 AquaQuake Water Draining Function
 LOUD Button For Full Volume Output
 Noise Cancelling Microphone
 Automatic Volume Adjustment
 Low Power Consumption
 Large Buttons & Slim Dimensions
 Dual/Tri Watch Functions
 4 Step Battery Life Indicator
 Weather Channel & Weather Alert

Auto Scan Function
 Instant Ch 16 or Ch 9
 Includes BP252 Li-Ion Battery Pack,
 BC173 Battery Charger, AC
 Adapter, MB109 Belt Clip, FASC58V
 Antenna, Hand Strap



M36 01 *VHF 6w*

VHF MARINE TRANSCEIVER **IC-M25**

Floating Waterproof Design
 Float'n Flash Flashing Light Feature
 AquaQuake Water Draining Function
 Built In Li-Ion Battery & Micro USB
 Charging
 Powerful 550mW Audio Output
 IPX7 Waterproof Construction
 4 Step Battery Life Indicator
 Weather Channel & Alert
 Dual/Tri Watch Functions
 Instant Ch 16 or Call Channel

Includes BC217SA USB Charger,
 MB133 Belt Clip, FASC59V Antenna,
 Hand Strap



M25 11 *VHF 5w*

HM-213 *Speaker Mic*

VHF MARINE TRANSCEIVER **IC-M73**

Slim, Stylish Ergonomic Grip
 Wide Viewing Angle LCD Screen
 IPX8 Submersible Plus
 700mW Loud Audio
 6W RF Output Power
 Large Capacity Li-Ion Battery
 MIL-STD 810 F
 AquaQuake Water Draining Function
 Dual/Tri Watch Functions
 Instant Ch 16 or Call Channel
 4 Step Battery Life Indicator

Auto Power Save Function
 Favorite Channel and Tag Scan
 Functions
 Includes BC210 Rapid Desktop
 Charger and CP25H Cigarette
 Lighter Cable



M73 01 *VHF 6w*

VHF AND UHF DIGITAL TRANSCEIVERS IC-F7010T/S • IC-F7020T/S • IC-F7510 • IC-F7520

P25 Phase 2 Ready

- P25 Phase 1 Conventional, Trunking* and Phase 2 Trunking* Capable
- License Key Upgrade for Feature Enhancements
- FIPS 140 Level 1 AES Encryption with Over-the-Air Rekeying (OTAR)*
- Over-the-Air Programming (OTAP) for Programming Efficiency*
- P25 Voting Scan* Automatically Selects An Optimal Repeater Site (P25 Conventional mode)
- Up to 1024 Channel Capacity with 128 Zones
- Class-Leading Smallest and Lightest Handheld
- IP68 Waterproof Protection up to One Meter Depth, for One Hour (Handheld model only)
- High Visibility and Readability with Color LCD and Common User Interface between Handheld and Mobile Radios
- Integrated Bluetooth® for Serial Interface* and Wireless Audio
- Audio Recording and Replay Function
- P25 Packet Data (GPS)*
- * License key upgrade required.
- Front panel programming option (License key upgrade required)
- Active Noise Cancelling
- Voice announcement function
- Audio equalizer
- USB port for PC connection
- Vibration alert for handheld radio
- Man down and motion/stationary detection for emergency call (Handheld models only)
- 2-Tone/MDC 1200/CTCSS/DTCS signalling and inversion type voice scrambler for analog mode
- Horn, dimmer external PTT programmable through D-SUB 25-pin connector for mobile radio
- Optional intelligent charger, BC-225, and software, RS-BC225, indicate the battery information for optimum conditioning



Handheld

F7010S	VHF 1024ch / 128 Zones	5/2/1w	LCD & Simple Keypad
F7010SRC	VHF 1024ch / 128 Zones	5/2/1w	LCD & Simple Keypad Rapid Charger
F7010T	VHF 1024ch / 128 Zones	5/2/1w	LCD & Full Keypad
F7010TRC	VHF 1024ch / 128 Zones	5/2/1w	LCD & Full Keypad Rapid Charger
F7020S 11	UHF 1024ch / 128 Zones	5/2/1w	LCD & Simple Keypad
F7020S 11RC	UHF 1024ch / 128 Zones	5/2/1w	LCD & Simple Keypad Rapid Charger
F7020T 41	UHF 1024ch / 128 Zones	5/2/1w	LCD & Full Keypad
F7020T 41RC	UHF 1024ch / 128 Zones	5/2/1w	LCD & Full Keypad Rapid Charger

Mobile

F7510	VHF 1024ch / 128 Zones	50/25/5w
F7520 11	UHF 1024ch / 128 Zones	50/25/5w

PROGRAMMING SOFTWARE

CSF2000	For F1000, F2000
CSF3011	For F3011, F4011
CSF3021/5011/21	For F3021T/S, F4021T/S, F3031S, F4031S, F5011, F6011, F5021, F6021
CSF3101D/F5121D	For F3101D, F4101D, F5121D, F6121D
CSF3161/F5061	For F3161DT/DS, F4161DT/DS, F5061/D, F6061/D
CSF3210D	For F3210D, F4210D, F5220D, F6220D
CSF3360D/F5360D	For F3360D, F4360D, F5360, F6360D
CSF3400	For F3400D, F4400D, F5400D, F6400D
CSF50V	For F50V, F60V
CSF52D	For F52D, F62D
CSF75D	For F7010, F7510
CSF5122DD	For F5122DD, F6122DD
CSF9011/F9511	For F9011, F9511
CSFR5000	For FR5000, FR6000
CSFR9010	For FR9010, FR9020
CS-A110EUROV2	For A11025 (Not backward compatible)

PROGRAMMING CABLES

OPC1122U	For F1821/D, F2821/D, F5021, F6021, F5061/D, F6061/D, F5121D, F6121D, FR5000, FR6000 (USB Cable)
OPC1862	For F9011T/S/B, F9021T/S/B, F3261DT/DS, F4261DT/DS
OPC478UC	For F3101D, F4101D, F3031S, F4031S, F3021T/S, F4021T/S, F3011, F4011, F3001, F4001
OPC9000	For FR9010, FR9020
OPC966U	For F50V, F60V, F50, F60, F70DT/DS, F80DT/DS, F3161DT/DS, F4161DT/DS
OPC2338	For F3360D, F4360D
OPC2344	For F3360, F4360, F5360, F6360
OPC592	Cloning Cable For F320, F420 + OPC478

BATTERIES

BP208N	For A6, A24, F11, F21 - 6 AA Alkaline Case (batteries not included)
BP226	For F50, F50V, F60, F60V - 5 AAA Alkaline Case (batteries not included)
BP227	For F50, F50V, F60, F60V - Li-Ion 7.2V 1700mAh
BP232H	For F3161DT/DS, F4161DT/DS, F3021T/S, F4021T/S, F3011, F4011 - Li-Ion 7.4V 2300mAh
BP232N-FM	For F3161DT/DS, F4161DT/DS - Li-Ion 7.4V 2000mAh
BP232WP	For F3261DT/DS, F4261DT/DS, F3031S, F4031S - Li-Ion 7.2V 2300mAh
BP240	For F3161DT/DS, F4161DT/DS, F3261DT/DS, F4261DT/DS, F3031S, F4031S, F3011, F4011 - 6 AAA Alkaline Case
BP254	For F9011T/S/B, F9021T/S/B, F70DT/DS, F80DT/DS - Li-Ion 7.2V 3040mAh
BP264	For F3001, F4001, F3101D, F4101D - Ni-MH 7.2V 1400mAh
BP265	For F3001, F4001, F3101D, F4101D - Li-Ion 7.4V 1900mAh
BP272	For IP100H - Li-Ion 7.4V 1880mAh
BP279	For F1000, F2000 - Li-Ion 7.2V 1485mAh
BP280	For F1000, F2000 - Li-Ion 7.2V 2280mAh
BP283	For F3400D, F4400D - Li-Ion 7.4V 2010mAh
BP284	For F3400D, F4400D - Li-Ion 7.4V 3210mAh
BP290	For F52D, F62D - Li-Ion 2010mAh

CHARGERS

BC119N-51	Rapid Charger For F50/V, F60/V, F70DT/DS, F80DT/DS, F3011, F4011, F3101D, F4101D, others
BC144N	Rapid Charger For F11, F21
BC146-01	Trickle Charger For F11, F21
BC160-01	Rapid Charger For F14, F24, F33, F43, F3011, F4011
BC190-01	Smart Rapid Charger For F50/V, F60/V
BC192-12	Trickle Charger For F3001, F4001, F3101D, F4101D
BC193	Rapid Charger For F3001, F4001, F3101D, F4101D
BC213	Rapid Charger For F1000, F2000
BC219	Rapid Charger For F3400D, F4400D, F52D, F62D
BC197-12	6 Gang Sensing Charger For Multiple Models (Charger Adapters Required)
BC214	6 Gang Sensing Charger For F1000, F2000
BC110A**	AC Adapter For A6
CP20	12 Volt Adapter/Charger For A6
CP23L	12 Volt Adapter For Multiple Chargers
BC147S	AC Adapter For BC171 Charger
OPC515L	DC Power Cable For BC160, BC171, BC195
OPC656	DC Power Cable For BC212N Gang Charger
MB130	Vehicle Charger Bracket For BC191, BC192, BC193 And CP17L Or OPC515L

CHARGER ADAPTER CUPS

AD106	Adapter Cup For F3011, F4011, F3021, F4021, F3031S, F4031S
AD110	Adapter Cup For F70DT/DS, F80DT/DS, F9011T/S/B, F9021T/S/B
AD9411	Adapter Cup For F11, F21, F3G, F4G

ADAPTERS

AD118	6-Pin Hirose Accessory Adapter For IC-F3261D, IC-F3400D, IC-F4261D, IC-F4400D, IC-F9011, IC-F9021
AD98FSC	BNC Antenna Adapter For Various Icom Handheld Radios
OPC617	Line Out Cable For Mobiles Except F5061, F1721
OPC1132	Power Cable For All Mobiles
OPC871A	A120 Headset Adapter For Aviation Headsets

VHF DATA TRANSCEIVERS

IC-F5122DD • IC-F6122DD

General Purpose Transparent Data Modem
 For Farm Vehicle Management, Utilities, Airport Ground Vehicles, Various Gate Control Applications, Oil Management, Road/Highway Construction Traffic Management, Weather Monitoring, Traffic Monitoring.
 9600bps (at 12.5kHz) and 4800bps (at 6.25kHz) Data Mode Programmable

Fast Data Transfer
 25W, 10W, 2.5W Output Power
 BNC Antenna Connector
 Individual, Group and All Calls
 Data Encryption Function
 Memory Channel Selection via PC Control



F5122DD 12	VHF Data Transceiver 50W
F6122DD 12	UHF Data Transceiver 45W
OPC2218LU	USB Type Programming Cable
CSF5122DD	Programming Software

REPLACEMENT ANTENNAS

FAS59V	150-174 Antenna For F50, F50V
FAS62VS	150-162 Stubby Antenna For F50, F50V
FAS63VS	160-174 Stubby Antenna For F50, F50V
FAS56U	450-520 Antenna For F60, F60V
FAS57US	450-490 Stubby Antenna For F60, F60V
FAS65V	148-160 Antenna For F9011/F9021
FAS67VC	136-174 Stubby Antenna For F3400D
FAS82VS	150-160 Stubby Antenna For F3400D
FAS82V	148-160 Antenna For F3400D
FAS83V	160-174 Antenna For F3400D
FAS83VS	160-174 Stubby Antenna For F3400D
FAS82U	430-480 Antenna For F4400D
FAS81US	400-450 Stubby Antenna For F4400D
FAS82US	450-490 Stubby Antenna For F4400D
FASC28V	142-162 Stud Type Antenna
FASC55V	150-174 Stud Type Antenna
FASC56VS	150-162 Stud Type Antenna - Stubby
FASC57VS	160-174 Stud Type Antenna - Stubby
FASC57U	430-470 Stud Type Antenna
FASC73US	450-490 Stud Type Antenna - Stubby
K220C	Hole Mount Aviation Antenna

BELT CLIPS

MB103	Standard Belt Clip For BP208N, BP209N, BP210N, BP211N
MB115	Standard Belt Clip For F9011
MB133	Standard Belt Clip For F1000, F2000
MB86	Swivel Belt Clip For N Style Battery
MB93	Swivel Belt Clip For F3161, F3261
MB94	Belt Clip For F3161, F3261
MB94R	Long Railroad Version Belt Clip For F3161, F3261
MB96F	Fixed Leather Belt Hanger For F70, F80
MB96N	Swivel Leather Belt Hanger
MB98	Standard Belt Clip For F50, F60

LEATHER / NYLON CASES

LCF1000SS	Leather Case For F1000, F2000
LCF14SWIVEL	Leather Case With Swivel For F14, F24
LCF3021SCLIP	Leather Case With Clip For F3021S, F4021S
LCF50CLIP	Leather Case With Clip For F50, F60
LCF50SWIVEL	Leather Case With Swivel For F50, F60
NCF14CLIP	Nylon Case With Belt Clip For F14, F24

MOUNTING BRACKETS

F121MMB	Mounting Bracket For F5011, F5021
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SPEAKER MICS & HAND MICS

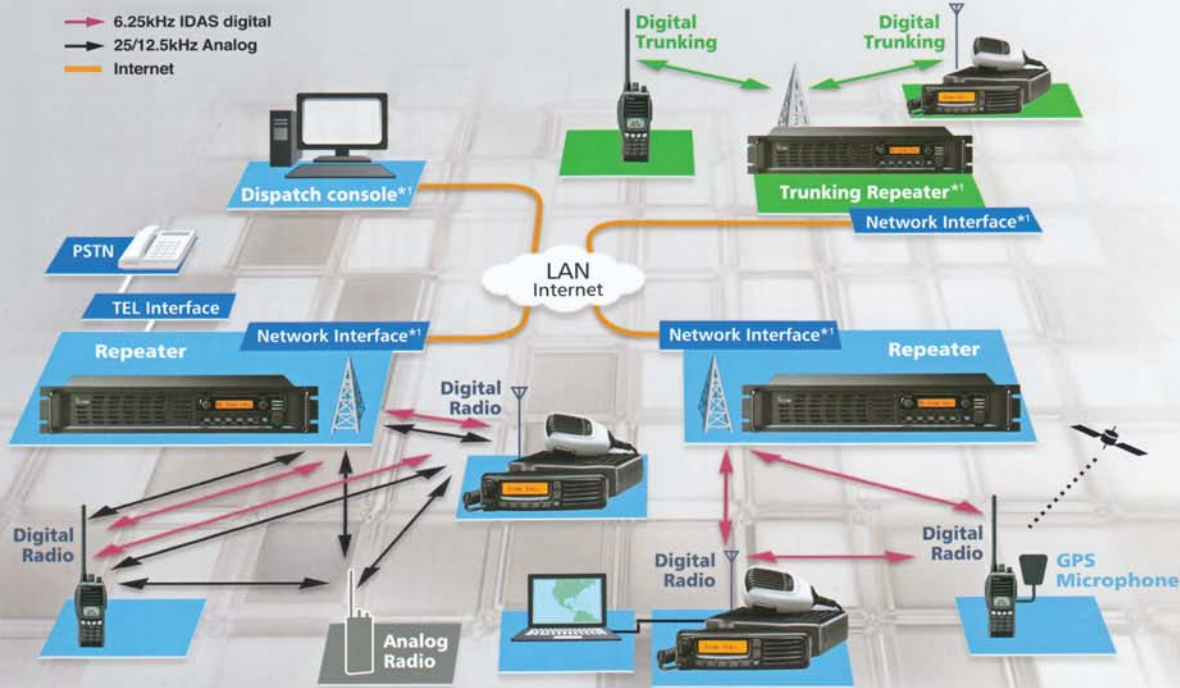
HM-213	Speaker Mic For M25 Marine Radio
HM-9000	Speaker Mic For FR9010, FR9020
HM-HD716WP	Waterproof Speaker Mic w/3.5mm Audio Jack
HM-HD717WP	Waterproof Speaker Mic w/3.5mm Audio Jack
HM131SC	Speaker Mic For F3161, F4161
HM138	Speaker Mic For M88 Marine Radio
IAHM600	Wireless Speaker Mic w/Charger & Charging Cable
HM148G	Self Grounding Mic For Mobile Radios
HM148T	Self Grounding DTMF Mic For Mobile Radios
HM152	Replacement Hand Mic For Mobile Radios
HM152T	Replacement DTMF Hand Mic For Mobile Radios
HM153LA	Surveillance Earphone Mic For Select Handheld Radios
HM158LA	Compact Speaker Mic For Select Handheld Radios
HM159LA	Heavy Duty Speaker Mic For Select Handheld Radios
HM159SC	Heavy Duty Speaker Mic For Select Handheld Radios
HM161	Replacement Hand Mic For IC-A110
HM163MC	Tie Clip Mic For F52D, F62D
EH15B	2.5MM Plug For Use With HM163MC
HM166LA	Medium Duty Earphone Mic For Select Handheld Radios
HM169	IP57 Speaker Mic For Select Handheld Radios
HM169IS	Heavy Duty Intrinsically Safe Mic For Select Handheld Radios
HM184H	Waterproof Speaker Mic For Select Mobile Radios
HM211	Noise Cancelling Speaker Mic For Select Mobile Radios
HM216	Standard Mic For IC-A120
HM220	IP54 Hand Mic For F5400, F6400
HM220T	IP54 DTMF Hand Mic For F5400, F6400
HM221	IP55 Heavy Duty Hand Mic For F5400, F6400
HM221T	IP55 DTMF Heavy Duty Hand Mic For F5400, F6400
HM222	Speaker Mic For F3400, F4400
HM234	Speaker Mic For A14, A24 Aviation Portables
SM26	Desktop Mic For Icom Mobile Radios
SM29	Desktop Mic For F5400D, F6400D
SP27	Surveillance Earpiece Only
SP30	External Loudspeaker For F9511HT
SP35	Medium Square Speaker w/3.5mm Plug
SP-AT1	Clear Acoustic Tube Earphone w/Right Angle 3.5mm Plug
VS-1L	PTT Interface For Headset & Throat Mics

HEADSETS

HS94	Earpiece Headset For F3001, F4001, F3011, F4011 (Requires VS1L Module)
HS94LWP	Earpiece Headset For F1000, F2000
HS95LWP	Behind The Head Boom Mic Headset For F1000, F2000
HS97	Earphone With Throat Mic For F3001, F4001, F3011, F4011 (Requires VS1L Module)
OPC2004	VOXX/PTT Unit For F3001, F4001, F3011, F4011 (Use With HS94, HS95, HS97)
VS4LA	VOX/PTT Switch For F1000, F2000 W/HS94, HS95, HS97

IDAS bridges the gap between analog and digital systems

IDAS is Icom's digital land mobile radio system using the NXDN™ common air interface. It has useful calling features including selective calling, status message, radio stun/kill/revive and GPS position reporting, etc. The IDAS system is ideal for business and industry users who may want to migrate to a digital system or to the future FCC mandated narrow band spacing.

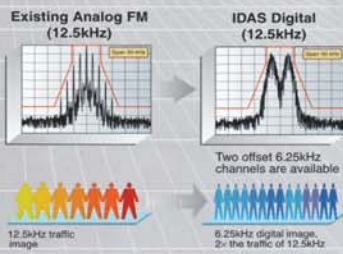


The above is system image only.

■ Double your channel capacity

IDAS doubles the capacity of the current 12.5kHz channel allocation. Icom allows you to meet any narrow banding requirements today, and provides a solution to any future spectrum deficiencies.

Double your channel capacity



■ Digital/analog mixed mode operation

The IC-FR5000 series can receive both analog and digital signals on a single channel. You can partially introduce the IDAS system, while using the existing analog radios in a system. The IDAS system allows you to scale migration to narrow band digital at your own pace and need.

■ Improved audio quality

The IDAS system occupies only 6.25kHz spacing per channel. With the improved sensitivity of narrow band communications, increased communication greater than 12.5kHz analog mode can be achieved. The IDAS system uses the AMBE+2™ codec, which provides clear audio and simultaneous data communication.

■ Network interface*1

The IDAS repeater has a network interface* and can be connected to a LAN or the Internet via Ethernet cable. Communication range is vastly extended by the Internet connection and eliminates the need for expensive leased lines. When connected to a PC via a LAN or the Internet, you can remotely maintain the repeater configuration remotely from your PC.

* Option (Available in the future)

■ Digital trunking capability*1

The repeater will also have digital trunking capability in the near future. This will allow you further effective channel management by sharing a minimum of channels with a large number of users.

*1 Some features are planned and released in the future.

IDAS DIGITAL HANDHELD TRANSCEIVERS

F3400D / F4400D

Small, Slim and Smart - The compact body is made possible from new engineering techniques including the use of a custom SoC (System-on-a-Chip) and flat sheet keypad. The slim dimensions are also supplemented with reduced power consumption, allowing for a thinner battery pack.

High Resolution Color LCD - Enhances the visibility in natural and indoor lighting.

Multiple Languages - Functions and menu items as well as voice announcements can be changed.

License Key Upgrade - Add new functions and protocols with license key options.

NXDN Trunking Upgrade - Compatible with IDAS digital conventional mode and analog FM mode with auto sensing. Upgradeable to NXDN Type-C trunking or NXDN Type-D multi-site trunking with a license key.

DES/AES Encryption with OTAR - 4 Key DES encryption is standard, 256-bit AES encryption and OTAR function optional with UT-134.

OTAP and OAA - Over The Air Programming and Over The Air Alias functions.

Built-In Bluetooth - Remote operation and hands-free communication capable.

Digital Voice Recording - 32 GB microSD card for 500 hour recording time.

Motion/Stationary Detection Sensors - Emergency button, man down, motion detection, stationary detection, lone worker and power OFF emergency functions. 10 level sensor sensitivity.

Transparent Data/Text Message - 9600 bps, 12.5kHz channel spacing data transmission.

ANC Active Noise Canceling - Assists in providing clear comment.

Audio Equalizer - Five types of tone controls.

GPS Receiver - Position data can be sent with voice call or status call and can be used with an AVL system.

USB Port for PC Connection - Program radios and access the installed microSD card via USB.

Voice Announcement - Voice announcement of channel number, zone and channel type.

Vibration Alert - Programmable vibration patterns for specific users.

Waterproof and Dust-tight with AquaQuake Function - IP68 waterproof and dust-tight protection.



F3400D**

F3400DS**

F3400DT**

**Shown with antenna included

F3400D 21	VHF 32ch 5w	Includes BP283 Battery, No Antenna Or Charger
F3400DS 11	VHF 1024ch 5w	Includes BP283 Battery, No Antenna Or Charger
F3400DT 01	VHF 1024ch 5w w/Keypad	Includes BP283 Battery, No Antenna Or Charger
F4400D 51	UHF 32ch 5w	Includes BP283 Battery, No Antenna Or Charger
F4400DS 11	UHF 1024ch 5w	Includes BP283 Battery, No Antenna Or Charger
F4400DT 01	UHF 1024ch 5w w/Keypad	Includes BP283 Battery, No Antenna Or Charger
CSF3400	Programming Software	



F5400D



F5400DS



F5400D 01	VHF 1024ch 50w	
F5400DS 11	VHF 1024ch 50w Simple	
F6400D 01	UHF 1024ch 45w	
F6400DS 11	UHF 1024ch 45w Simple	
CSF3400	Programming Software	

IECEX/ATEX INTRINSICALLY SAFE IDAS UHF PORTABLE F4201DEX

Analog & IDAS Digital Modes
 IP67 Waterproof
 3 Programmable Keys
 ATEX European Standard
 EX Intrinsicly Safe
 Lone Worker Function
 Man Down Function
 Channel Announcement
 2-Tone, 5-Tone, CTCSS & DTCS Built
 In For Analog Mode
 MDC1200 PTT ID And Emergency
 Transmission
 DTMF Autodial

Low Electrical Resistivity Body

Power: 1w (UHF)
 Frequency: 400-470
 Channels: 16
 Spacing: 12.5 kHz; 6.25 kHz
 Approvals: MIL-STD-810-G, IP67



BATTERY CHARGER

F4201DEX	UHF 16ch 1w	7.4V Li-Ion (BP277EX)	Charger & AC Adapter (BC212EX & BC123S)
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IDAS UHF/VHF PORTABLES F52D • F62D

Analog & IDAS Digital Modes
 IP67 Waterproof
 6 Programmable Keys
 Lone Worker Function
 Man Down Function
 Motion Detection
 Stationary Detection
 2-Tone, 5-Tone, CTCSS & DTCS Built
 In For Analog Mode
 Vibration Alert
 Voice Recording

Power: 5w (VHF); 5w (UHF)
 Frequency: 136-174 / 450-512
 Channels: 512
 Spacing: 12.5/6.25 kHz
 Approvals: MIL-STD-810-G, IP67



BATTERY CHARGER

F52D	VHF 512ch 5w	2010mAh Li-Ion (BP290)	
F52D RC	VHF 512ch 5w	2010mAh Li-Ion (BP290)	Rapid Chrgr & AC Adapter (BC219N & BC123S)
F62D 21	UHF 512ch 5w	2010mAh Li-Ion (BP290)	
F62D 21 RC	UHF 512ch 5w	2010mAh Li-Ion (BP290)	Rapid Chrgr & AC Adapter (BC219N & BC123S)

FULL FEATURED IDAS DIGITAL W/GPS F3261DS/DT • F4261DS/DT

IDAS NXDN Features
 Built in GPS receiver*
 IP67 dust & waterproof protection
 Basic LTR mode operation
 MDC 1200 Compatible
 Scan features
 Full dot matrix LCD display
 800mW BTL audio output
 Man down function
 Lone worker function
 Built in inversion voice scrambler
 8 DTMF autodial memories
 2 Tone, 5 Tone, CTCSS, DTCS

Power on password
 Busy repeater lockout function
 Escalating alarm
 Surveillance function
 Low battery alert

Power: 5w (VHF); 5w (UHF)
 Frequency: 136-174 / 450-512
 Channels: 512
 Spacing: 12.5/6.25 kHz
 Approvals: MIL-STD-810-C, -D, -E, -F, -G, IP67



BATTERY CHARGER

F3261DS RC	VHF 512ch 5w	7.4V Li-Ion (BP232WP)	Rapid Charger & AC Adapter (BC160 & BC145S)
F3261DT RC GPS	VHF 512ch 5w w/Keypad & GPS	7.4V Li-Ion (BP232WP)	Rapid Charger & AC Adapter (BC160 & BC145S)
F3261DT NI	VHF 512ch 5w w/Keypad NONINCENDIVE	7.4V Li-Ion (BP232WP)	
F4261DS RC	UHF 512ch 5w	7.4V Li-Ion (BP232WP)	Rapid Charger & AC Adapter (BC160 & BC145S)
F4261DT RC GPS	UHF 512ch 5w w/Keypad & GPS	7.4V Li-Ion (BP232WP)	Rapid Charger & AC Adapter (BC160 & BC145S)
F4261DT NI-2	UHF 512ch 5w w/Keypad NONINCENDIVE	7.4V Li-Ion (BP232WP)	

LTR/CONVENTIONAL/IDAS DIGITAL/IDAS TRUNKING F3161S • F3161DS

NXDN CAI-based IDAS
 IDAS multi site trunking
 IDAS single site trunking
 IDAS conventional & multi site conventional
 Digital/analog mixed mode operation
 IP55 dust and water resistance
 Basic LTR / conventional operation
 MDC 1200 Compatible
 Voting mode scanning
 Full dot matrix LCD display
 500mW BTL audio output
 Lone worker function

Built in inversion voice scrambler
 8 DTMF autodial memories
 2 Tone, 5 Tone, CTCSS, DTCS and MDC Signaling
 2 Step power save
 Power on password
 Busy repeater lockout function
 Escalating alarm
 Mode dependent scan
 Surveillance function

Power: 5w (VHF); 5w (UHF)
 Frequency: 136-174 / 450-512
 Channels: 512
 Spacing: 12.5 kHz; 6.25 kHz
 Approvals: MIL-STD-810-C, -D, -E, -F, IP55



BATTERY CHARGER

F3161S 56RC	VHF 512ch 5w	7.4V Li-Ion (BP232N)	Rapid Charger & AC Adapter (BC1601 & BC145A)
LCF3061SSWIVEL	Leather Case w/Swivel		

IDAS™ VHF/UHF DIGITAL & ANALOG PORTABLE TWO-WAY RADIOS IC-F1000D • IC-F2000D

IDAS Digital Mode Operation
 Motion Detection Function
 Man Down Function
 Lone Worker Function
 IP67 Waterproof & Dust Protection
 Slim, Compact and Lightweight
 Clear 800mW Audio Output
 Built In 2-Tone & 5-Tone Signaling
 Large Capacity Battery Pack
 DTMF Autodial Memories
 MDC 1200 Functions

Surveillance Function
 Escalating Alarm
 VOX Capability
 Channel Announcement Function
 Red Emergency Switch
 Includes: BP280 Battery, MB133 Belt Clip, Antenna



F1000D 01	VHF 16 Channels 5w - Radio Only
F1000DRC	VHF 16 Channels 5w - With Rapid Charger

F2000D 12	UHF 16 Channels 4w - Radio Only
F2000DRC	UHF 16 Channels 4w - With Rapid Charger

BC213	Desktop Rapid Charger - Single Unit
BC214	Six Unit Desktop Charger
BP279	7.2V 1485mAh Lithium Ion Battery
BP280	7.2V 2280mAh Lithium Ion Battery
CSF2000	Programming Software
HS94LWP	Earhook Headset w/Boom Mic
HS95LWP	Behind Head Headset w/Boom Mic
LCF1000SS	Leather Case

WIDE AREA COVERAGE WITH NXDN TYPE-C TRUNKING F6360D

Type-C Trunking Compatible - The IC-F5360D series provides NXDN Type-C trunking and NXDN conventional systems.
Menu-Driven User Interface - Provides easy and intuitive operation.
GPS Receiver - Position data can be sent with voice call or status call and can be used with an AVL system.
Transparent Data - Remote telemetry system control or data applications when connected to a PC or other external equipment.
D-Sub Accessory Connector
 MIL-STD 810 G Rugged Construction
 CTCSS/DTCS/DTMF Encoder/Decoder
 Audio Compaander
 4W Front Mounted Speaker
 MDC1200 PTT ID Transmission
 Inversion Voice Scrambler (Analog mode only)
 Includes HM148G Microphone, DC Power Cable, Mounting Bracket, Mic Hanger



F6360D 01	UHF 512ch 45w
CSF3360D/F5360D	Programming Software

VHF & UHF DIGITAL / ANALOG TRANSCEIVERS

F5121D • F6121D

128 ch, 8 Zones, 2-Tone, 5-Tone CTCSS, DTCS, MDC PTT ID & MDC Emergency Call, 8 Character LCD Display, Optional Voice Scrambler. Ideal For Small To Mid-Sized Systems For Public Safety, Industry, or Commercial Users.



Output Power: 50w VHF; 45w UHF
 Frequency: 136-174 / 400-512
 Channel Spacing: 12.5kHz
 Channel Spacing: 2.5, 3.125
 Mil Spec: 810 F
 Scan: Normal & Priority
 PC Programmable: Optional Software & Cable
 Includes: HM152 Microphone

F5121D 56 *VHF 128ch 50w IDAS Operation*
 128ch w/8 Banks, 6 Programmable Keys, 8 Char Alphanumeric Display

F6121D 58 *UHF 128ch 45w IDAS Operation*
 128ch w/8 Banks, 6 Programmable Keys, 8 Char Alphanumeric Display

HIGH END 3-IN-1 MOBILES

F5061D • F6061D

Ideal For Public Safety, Transportation & Delivery Service. MDC1200 Compatible, 6.25kHz Digital Mode Ready, Remote Mount Capable w/RMK3 and Separation Cable, Multiple Tone Signalings, LTR/Conventional Mode Operation, Built In Inversion Voice Scrambler.



Shown with optional Front Panel Detach Kit

Output Power: 50w VHF; 45w UHF
 Frequency: 136-174 / 450-520
 Channel Spacing: 12.5kHz
 Channel Spacing: 2.5, 3.125
 Mil Spec: 810 C, D, E
 Scan: Normal/Priority/Dual
 PC Programmable: Optional Software & Cable
 Includes: HM148 Microphone

F5061D 51 *VHF 512ch 50w*
 512ch w/128 Zones, 7 Programmable Keys, with Digital Board Installed

F6061D 66 *UHF 512ch 45w*
 512ch w/128 Zones, 7 Programmable Keys, with Digital Board Installed

F5061MMB Mounting Bracket
F5061INGSENSE Ignition Sense Cable
RMK3 Front Panel Detach Kit

REPEATERS & DUPLEXERS

FR5200H/FR6200H • FR5000/FR6000 • CY5000/CY6000



FR5200H 51
VHF Digital Repeater

FR6200H 61
UHF Digital Repeater

- IDAS, Analog FM and Mixed Mode
- IDAS Multi Site Trunking Capable
- 50W Full Duty Cycle Repeater
- 5 Tone DTMF Encoder/Decoder
- 2U Low Profile 19" Rack Mount
- 12 Digit DOT Matrix Display
- 5 Programmable Buttons, 32ch Capacity
- D-SUB 25 Pin Accessory Connector
- Multiple CTCSS, DTCS Tone and RAN Code Decode
- CW ID Transmission
- Digital Voice Scrambler
- Built In Inversion Type Voice Scrambler
- Built In Audio Compander
- PTT Priority Setting
- Normal and Priority Scan
- MIL-STD 810 F



FR5000 14 136-174MHz
VHF Repeater

FR50002CHKIT
VHF Repeater w/Power Supply

FR6000 01 400-470MHz
FR6000 11 450-512MHz
UHF Repeater

FR6000112CHKIT
UHF Repeater w/Power Supply

- IDAS Dual Mode Option, Double Channels
- Internal Space For Installing A 2nd RF Unit
- 50W @ 50% Duty Cycle / 25W @ 100% Duty Cycle
- 5 Tone DTMF / CTCSS / DTCS
- 2U Height Low Profile 19" Rack Mount
- 12 Digit DOT Matrix Display
- 5 Programmable Buttons, 32ch Capacity
- D-SUB 25 Pin Accessory Connector
- Built In Inversion Type Voice Scrambler
- Built In Audio Compander



CY5000 41D *IDAS VHF REPEATER*

CY6002 *IDAS UHF REPEATER*

- All In One Digital & Analog Base/Repeater
- 19" Rack Mountable CY Series Chassis
- Internal 110/220VAC Power Supply
- Auto Battery Backup
- 3 Shielded Data Ports
- Silver Plated N Type Bulkhead RF Connectors
- Built In Grounding Stud
- 80 CFM Heavy Duty Cooling Fan

ACCESSORIES FOR FR5000/FR6000 CY5000/CY6000 IAS100

CSFR5000 Software For FR5000/FR6000
 HM152 Regular Hand Microphone
 SM26 Desktop Microphone
 URFR5000 VHF Channel Module 136-174MHz
 URFR6000 41 UHF Channel Module 400-470MHz

URFR6000 51 UHF Channel Module 450-520MHz
 RC-FS10 Remote Communicator Software
 IASMNT1005 Internal Duplexer Mounting Plate

AFFORDABLE HIGH PERFORMANCE **F3001 • F4001**

Simple Operation
 800mW BTL Amplifier
 High Efficiency
 14hr Operating Time w/BP264
 20hr Operating Time w/BP265
 IP54/MIL-STD-810 Water & Dust Resistant
 Internal VOX w/Adjustable Delay & Gain
 2 Tone & 5 Tone Signalings
 Stun Function
 Receive Function
 Priority Scan

Power: 5w (VHF); 4w (UHF)
 Frequency: 136-174 / 450-512
 Channels: 16
 Ch Spacing: 12.5kHz
 PLL Spacing: 2.5, 3.125 (VHF)
 5, 6.25 (UHF)
 Approvals: MIL-STD-810-C, -D, -E, -F



		<u>BATTERY</u>	<u>CHARGER</u>
F3001 03RC	VHF 16ch 5w	7.4V Li-Ion (BP265)	Rapid Charger & AC Adapter (BC123S & BC193)
F4001 43RC	UHF 16ch 4w	7.4V Li-Ion (BP265)	Rapid Charger & AC Adapter (BC123S & BC193)
NCF3000	Nylon Case w/Belt Clip		

BASIC FUNCTION PORTABLES **F3011 • F4011**

Simple Operation With Large Knobs & Positive Action Buttons
 Compact Lightweight Rugged Body & Aluminum Die Cast Chassis
 Built In CTCSS/DTCS
 Lithium-Ion Battery Pack

Power: 5w (VHF); 4w (UHF)
 Frequency: 136-174 / 450-512
 Channels: 16
 Ch Spacing: 12.5kHz
 PLL Spacing: 2.5, 3.125 (VHF)
 5, 6.25 (UHF)
 Approvals: MIL-STD-810-C, -D, -E, -F



		<u>BATTERY</u>	<u>CHARGER</u>
F3011 41 RC	VHF 16ch 5w	7.4V Li-Ion (BP232H)	Rapid Charger & AC Adapter (BC16001 & BC145S)
F4011 42RC	UHF 16ch 4w	7.4V Li-Ion (BP232H)	Rapid Charger & AC Adapter (BC16001 & BC145S)

WATERPROOF BTL AUDIO PORTABLES **F50V • F60V**

Vibration Alert & 8 Minute Voice Recorder (11 Versions)
 IP67 Waterproof
 MDC1200 Compatible
 Inversion Scrambler
 8 Character Display
 7 Programmable Keys
 Lithium-Ion Battery

Power: 5w (VHF); 4w (UHF)
 Frequency: 136-174 / 450-512
 Channels: 128 / 8 Memory Banks
 Ch Spacing: 12.5kHz
 PLL Spacing: 2.5kHz
 Approvals: MIL-STD-810-C, -D, -E, -F



		<u>BATTERY</u>	<u>CHARGER</u>
F50V 01SC	VHF 128ch 5w	7.2V Li-Ion (BP227)	Sensing Charger & AC Adapter (BC191N51 & AD100)
F50V 11SC	VHF 128ch 5w <i>Vibrate & Voice Recorder</i>	7.2V Li-Ion (BP227)	Sensing Charger & AC Adapter
F60V 16SC	UHF 128ch 4w	7.2V Li-Ion (BP227)	Sensing Charger & AC Adapter (BC191N51 & AD100)
F60V 18	UHF 128ch 4w <i>Vibrate & Voice Recorder</i>	7.2V Li-Ion (BP227)	Radio Only - No Charger
F60V 18RC	UHF 128ch 4w <i>Vibrate & Voice Recorder</i>	7.2V Li-Ion (BP227)	Rapid Charger & AC Adapter (BC191N51 & AD100)
F60V 18SC	UHF 128ch 4w <i>Vibrate & Voice Recorder</i>	7.2V Li-Ion (BP227)	Sensing Charger & AC Adapter
NCM88	Nylon Case w/Belt Clip		
HS51	Headset w/VOX and PTT		

COMPACT, WATERPROOF AND FULL FEATURED **F1000/T/S • F2000/T/S**

IP67 Waterproof and Dust Tight Protection
 Enhanced Emergency w/Motion Sensor
 Selective Calling, Quiet Stand-by and More
 MDC1200 Compatible
 Easy To Hear In Noisy Areas
 Channel Announcement
 Built In Inversion Voice Scrambler
 14 Hour Operating Time
 8 DTMF Autodial Memories
 Shift Key Function Increases

Number Of Programmable Key Assignments
 Surveillance Function
 Escalating Alarm
 Optional HM168LWP Waterproof Speaker Mic

Power: 5w (VHF); 4w (UHF)
 Frequency: 136-174 / 450-512
 Channels: 16 / 128 (T or S Versions)
 Ch Spacing: 12.5kHz
 Approvals: MIL-STD-810-C, -D, -E, -F, -G



BC213 RAPID CHARGER FOR USE W/BP279
 BP279 7.2V 1485MAH LITHIUM ION BATTERY
 CSF2000 SOFTWARE FOR F1000/2000

			BATTERY	CHARGER
F1000 01	VHF 16ch 5w		7.2V Li-Ion (BP279)	Radio Only - No Charger
F1000 RC	VHF 16ch 5w		7.2V Li-Ion (BP279)	Rapid Charger & AC Adapter (BC213 & BC123S)
F1000S 05	VHF 128ch 5w	LCD & Simple Keypad	7.2V Li-Ion (BP279)	Radio Only - No Charger
F1000S RC	VHF 128ch 5w	LCD & Simple Keypad	7.2V Li-Ion (BP279)	Rapid Charger & AC Adapter (BC213 & BC123S)
F1000T 09	VHF 128ch 5w	LCD & Full Keypad	7.2V Li-Ion (BP279)	Radio Only - No Charger
F1000T RC	VHF 128ch 5w	LCD & Full Keypad	7.2V Li-Ion (BP279)	Rapid Charger & AC Adapter (BC213 & BC123S)
F2000 01	UHF 16ch 4w		7.2V Li-Ion (BP279)	Radio Only - No Charger
F2000 RC	UHF 16ch 4w		7.2V Li-Ion (BP279)	Rapid Charger & AC Adapter (BC213 & BC123S)
F2000S 05	UHF 128ch 4w	LCD & Simple Keypad	7.2V Li-Ion (BP279)	Radio Only - No Charger
F2000S RC	UHF 128ch 4w	LCD & Simple Keypad	7.2V Li-Ion (BP279)	Rapid Charger & AC Adapter (BC213 & BC123S)
F2000T 25	UHF 128ch 4w	LCD & Full Keypad	7.2V Li-Ion (BP279)	Radio Only - No Charger
F2000T RC	UHF 128ch 4w	LCD & Full Keypad	7.2V Li-Ion (BP279)	Rapid Charger & AC Adapter (BC213 & BC123S)

IP ADVANCED RADIO SYSTEM **IP100H / IP100FS / IP1000C**

Full Duplex Communication That Works Over A Wireless LAN and IP Networks
 Easy System To Set Up And Use
 Up To 100 Users Can Communicate At The Same Time
 Encryption Provides Extra Security
 Range Is Only Restricted By Your IP Network Coverage
 No License Fee Required, No Call Charges



IP100H	IP Communication Terminal w/Vibration Alert And IPX7 Rating
IP100FS	Remote Communicator / Locator
IP1000C 100	Controls Terminal Configurations And Voice Traffic for Up To 20 IP100H's

BP272	7.4V 2000mAh Li-Ion Battery
BP271	7.4V 1200mAh Li-Ion Battery
BC123SA	Charging Cup AC Adapter
BC-202 02	Drop-In Rapid Charger
HM-186LS	Speaker Mic
OPC2144	Slim L-Type Plug Adapter Cable

BASIC MOBILES F5011 • F6011

Powerful Output, 4w Front Mounted Speaker, Built In Multiple Tones, Programmable Wide/Narrow Spacing For Each Channel, Backlit Keys, DTMF Optional w/HM152T, Rugged One Piece Cast Aluminum Construction.



Output Power: 50w VHF; 45w UHF
 Frequency: 136-174 / 450-512
 Channel Spacing: 12.5kHz
 Channel Spacing: 2.5, 3.125, 5, 6.25
 Mil Spec: 810 C, D, E & F
 Scan: Normal & Priority
 PC Programmable: Optional Software & Cable
 Includes: HM152 Microphone, Mounting Bracket & Manual

F5011 51 VHF 8ch 50w
 8ch w/2 Banks, 4 Programmable Keys, No Display

F6011 52 UHF 8ch 45w
 8ch w/2 Banks, 4 Programmable Keys, No Display

OPC347 DC Power Cable - 23' Length

VHF & UHF ANALOG TRANSCEIVERS F5021 • F6021

128 ch, 8 Zones, 2-Tone, 5-Tone CTCSS, DTCS, MDC PTT ID & MDC Emergency Call, 8 Character LCD Display, Optional Voice Scrambler. Ideal For Small To Mid-Sized Systems For Public Safety, Industry, or Commercial Users.



Output Power: 50w VHF; 45w UHF
 Frequency: 136-174 / 400-512
 Channel Spacing: 12.5kHz
 Channel Spacing: 2.5, 3.125
 Mil Spec: 810 F
 Scan: Normal & Priority
 PC Programmable: Optional Software & Cable
 Includes: HM152 Microphone, Mounting Bracket & Manual

F5021 51 VHF 128ch 50w
 128ch w/8 Banks, 6 Programmable Keys, 8 Char Alphanumeric Display

F5021 51B VHF 128ch 50w Base Version
 128ch w/8 Banks, 6 Programmable Keys, 8 Char Alphanumeric Display

F6021 52 UHF 128ch 45w
 128ch w/8 Banks, 6 Programmable Keys, 8 Char Alphanumeric Display

Popular Accessories: SEE ACCESSORY PAGE FOR COMPLETE LIST

- OPC1939** DSUB 15 Pin Accessory Cable
- OPC2078** DSUB 25 Pin Accessory Cable

HIGH END 3-IN-1 MOBILES F5061 • F6061

Ideal For Public Safety, Transportation & Delivery Service. MDC1200 Compatible, 6.25kHz Digital Mode Ready w/Optional UT119H, Remote Mount Capable w/RMK3 and Separation Cable, Multiple Tone Signalings, LTR/Conventional Mode Operation, Built In Inversion Voice Scrambler.



Output Power: 50w VHF; 45w UHF
 Frequency: 136-174 / 450-520
 Channel Spacing: 12.5kHz
 Channel Spacing: 2.5, 3.125
 Mil Spec: 810 C, D, E
 Scan: Normal/Priority/Dual
 PC Programmable: Optional Software & Cable
 Includes: HM148 Microphone, Mounting Bracket & Manual

F5061 21 VHF 512ch 50w
 512ch w/128 Zones, 7 Programmable Keys, 10 Char Alphanumeric Display

F6061 16 UHF 512ch 45w
 512ch w/128 Zones, 7 Programmable Keys, 10 Char Alphanumeric Display

OPC347 DC Power Cable - 23' Length

The latest generation of PassPort® protocol, now available for the Icom F3161/F4161 portable and F5061/F6061 mobile provides several key enhancements to the classic low-speed trunking protocol, including channel backup, priority access and emergency declaration. PassPort® is ideally suited for users with elevated security needs. Other key benefits of PassPort® include its caller ID capabilities, telephone interconnect and individual selective call, high level of network security and ease of network expansion. **PassPort 4.0 Upgrade**

P25 CONVENTIONAL/TRUNKED F9011T/S/B

P25 Conventional & Trunked Transceivers, Mixed Mode Operation, Large Navigational Cross Keypad, MDC1200, Inversion Voice Scrambler, IP57 Dust & Waterproof.

Output Power: 6w (VHF)
 Frequency: 136-174
 Channels: 512
 Channel Spacing: 12.5kHz
 PLL Channel Spacing: 2.5, 3.125
 MIL-STD: 810 F Compliant
 Scan: Channel/Priority, Dual Mode
 PC Programmable: Optional Software & Cable
 Includes: Antenna, BP254 Battery, Belt Clip, & Manual



F9011B 21 VHF 512ch 6w

Radio Only - No Keypad Or LCD

F9011B 21RC VHF 512ch 6w

With Drop In Rapid Charger & AC Adapter - No Keypad Or LCD

F9011S 25 VHF 512ch 6w

Radio Only - Simple Keypad

F9011S 25RC VHF 512ch 6w

With Drop In Rapid Charger & AC Adapter - Simple Keypad

F9011B 01RC VHF 512ch 6w Trunking

With Drop In Rapid Charger & AC Adapter - No Keypad Or LCD

F9011S 05RC VHF 512ch 6w Trunking

With Drop In Rapid Charger & AC Adapter - Simple Keypad

P25 CONVENTIONAL/TRUNKED F9511S/T

P25 Conventional & Trunked Transceivers, Mixed Mode Operation, MDC1200, Inversion Voice Scrambler.

Output Power: 50w (VHF)
 Frequency: 136-174
 Channels: 512
 Channel Spacing: 12.5kHz
 PLL Channel Spacing: 2.5, 3.125
 MIL-STD: 810 F Compliant
 Scan: Channel/Priority, Dual Mode
 PC Programmable: Optional Software & Cable
 Includes: Microphone, Power Cable & Manual



F9511S 21 VHF 512ch 50w

512ch P25 Conventional/Trunked - Simple Keypad

F9511T 25 VHF 512ch 50w Trunking

512ch P25 Conventional/Trunked - Full Keypad

F9511HT VHF 512ch 110w Trunking

512ch P25 Conventional/Trunked - Full Keypad

P25 REPEATERS

110W/100W 100% Duty Cycle
 P25 Conventional, Analog FM, and Mixed Mode
 P25 Conventional Base Mode
 500 Memory Channel Capacity
 D-SUB 25 Pin Accessory Connector
 Programmable CTCSS, DTCS, NAC
 CW ID Transmission

High Reliability, Rugged Construction
 +/- 1.5ppm Frequency Stability
 Low Standby Current
 P25 Self Test Mode & Key Test Mode
 Automatic Error Detection
 5 Color LED's
 2U Low Profile Rack Mount

Power: 110w (VHF); 100w (UHF)
 Frequency: 146-174MHz / 440-475MHz
 Channels: 500
 Spacing: 12.5kHz



FR9010 11 VHF 110W P25 Digital Repeater

FR9020 11 UHF 100W P25 Digital Repeater

HM-9000 Microphone For FR9010, FR9020

FR9010 / FR9020