HAM RADIOS AND RECEIVERS

ICOM



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JA3FA, Icom Narayama R&D Office (Nara City, Nara Prefecture, Japan)



HAM RADIOS

Beyond the radio in front of you, the world of amateur radio is expanding. With the push of a button, your voice travels across continents, bridging oceans and mountains to connect with HAMs worldwide. There is incomparable excitement in calling CQ and hearing a distant voice responding to your call, chasing rare signals, making new friends, or building your shack to reach further.

Every communication is a small adventure, every conversation a bridge between cultures, and every moment a true discovery. Turn the dial, press the PTT, and step into a HAM world where you will find new voices, friendships, and stories worldwide. This is Amateur Radio—bringing the world closer.



NEW

HF/50 MHz Transceiver

IC-7760



Outstanding Performance for Contesting and DX Hunting

- SSB, CW, RTTY, PSK, FM: 200 W, AM: 50 W, 100% duty cycle*1
- 1.8, 3.5, 5, 7, 10, 14, 18, 21, 24, 28, 50 MHz bands
- Dual touchscreens: 7-inch wide main display & 2.4-inch sub-display
- RF Direct Sampling system
- Full control head with separate RF deck
- Remote operation over the Internet*2
- Dual, independent receivers
- Digital Pre-Distortion (DPD) for clean and linear transmission
- Preamp works together with DIGI-SEL
- DVI-D connector for external display

*1 200 W and one-hour continuous transmission with 100 V AC input (at ambient temperature 25 °C).
*2 Internet connection requires stable speeds of 10 Mbps or faster from RF deck to control head, and 5 Mbps or faster from control head to RF deck. A VPN connection or Port Forwarding with a global static IPv4 or dynamic DNS (DDNS) is required for Internet access. Restrictions may apply depending on the network configuration. Brief audio dropouts may occur due to packet loss.

HF/50 MHz Transceiver

IC-7610



RF Direct Sampling Takes You to the Next Level with Advanced RMDR and True Dual Receive

- SSB, CW, RTTY, PSK, FM: 100 W, AM: 25 W
- 1.8, 3.5, 5, 7, 10, 14, 18, 21, 24, 28, 50 MHz bands
- Touchscreen, 7-inch wide color TFT
- RF Direct Sampling system
- RMDR (Reciprocal Mixing Dynamic Range) of 110 dB*
- High-speed, high-resolution real-time spectrum scope
- Dual, independent receivers
- Digital Pre-Distortion (DPD) for clean and linear transmission
- DVI-D connector for external display

* At 2 kHz frequency separation.

HF/50 MHz Transceiver

IC-7300



The Innovative HF Transceiver with High Performance Real-Time Spectrum Scope

- SSB, CW, RTTY, FM: 100 W, AM: 25 W
- 1.8, 3.5, 5, 7, 10, 14, 18, 21, 24, 28, 50 MHz bands
- Touchscreen, 4.3 inch color TFT
- RF direct sampling system
- Class leading real-time spectrum scope with waterfall display
- Class leading RMDR and phase noise characteristics
- One-touch FT8 mode preset
- 15 discrete band-pass filters
- Built-in automatic antenna tuner



HF/50/144/430/440 MHz
Multimode Portable Transceiver

IC-705

D-STAR



"Base Station" Performance and Features in the Palm of Your Hand.

- (13.8 V DC) SSB, CW, RTTY, FM, DV: 10 W, AM: 2.5 W
  (Using battery pack) SSB, CW, RTTY, FM, DV: 5 W, AM: 1.25 W
- 1.8, 3.5, 5, 7, 10, 14, 18, 21, 24, 28, 50, 144, 430/440 MHz bands
- Touchscreen, 4.3 inch color TFT
- RF direct sampling system
- Real-time spectrum scope with waterfall display
- Compact and lightweight design for outdoor use
- One-touch FT8 mode preset
- Li-ion battery pack or 13.8 V DC external power supply
- Built-in Wi-Fi®/Bluetooth®
- GPS functions

144, 430/440, 1200, 2400, 5600 MHz
+10 GHz All Mode Transceiver

IC-905

D-STAR



RF unit



Controller

Industry First[*1] *Multi-Band 144 MHz to Microwave Transceiver!*

- SSB, CW, FM, RTTY, DV, DD[*2], ATV[*2]: 144, 430/440 MHz, 1.2 GHz 10 W 2.4, 5.6 GHz 2 W, 10 GHz[*3] 0.5 W typ.
  AM: 144, 430/440 MHz, 1.2 GHz 2.5 W, 2.4, 5.6 GHz 0.5 W, 10 GHz[*3] 0.125 W typ.
- 144, 430, 440 MHz, 1.2 GHz (23 cm), 2.4 GHz (13 cm), 5.6 GHz (6 cm) bands plus 10 GHz (3 cm) bands[*3]
- Touch screen color TFT, 4.3 inch
- RF direct sampling system (144, 430/440 MHz)
  Down conversion IF sampling (1.2 GHz and above)
- Wideband 50 MHz span real-time spectrum scope
- Separate controller and RF unit configuration
- Ultimate frequency stability with GPS-controlled oscillator
- Power supplied through the controller cable
- Full D-STAR functions (DD/DV) and ATV (Amateur TV) mode



CX-10G

*1 According to Icom research as of August 2024.
*2 1200 MHz and above.
*3 With the optional 10 GHz transverter, CX-10G.

144, 430/440, 1200 MHz All Mode Transceiver

IC-9700

D-STAR



Supreme VHF/UHF Transceiver Built-in 1200 MHz!

- SSB, CW, RTTY, FM, DV, DD: 144 MHz 100 W, 430/440 MHz 75 W, 1200 MHz 10 W
  AM: 144 MHz 25 W, 430/440 MHz 18.75 W, 1200 MHz 2.5 W
- 144, 430/440 MHz, 1.2 GHz (23 cm) bands
- Touchscreen, 4.3 inch color TFT
- RF direct sampling system (144, 430/440 MHz)
  Down conversion IF sampling (1.2 GHz)
- Real-time spectrum scope with waterfall display
- Simultaneous receive on two bands, full duplex
- One-touch FT8 mode preset
- Ready for satellite operation
- D-STAR friendly functions (DD/DV)
- High efficiency power amplifier with stable output

HF Transceiver

IC-718



The Origin of the HF Transceiver Classic Simplicity and Timeless Reliability

- SSB, CW, RTTY: 100 W, AM: 35 W
- 1.8, 3.5, 7, 10, 14, 18, 21, 24, 28 MHz bands
- Segment display, 38.3 × 79.2 mm (1.5 × 3.1 in)
- Simple, straightforward operation with keypads
- Front mount loud speaker
- Five selectable IF filter widths
- Noise reduction function*
- Automatic notch out of the filter*
- MIL-STD 810 rugged construction

* Depending on version.

HF/VHF/UHF All Mode Transceiver

IC-7100 D-STAR



Intuitive Touch Screen, Quick Response, Multi-band Radio

- SSB, CW, RTTY, FM, DV: 1.8 ~ 50 MHz 100 W, 144 MHz 50 W, 430/440 MHz 35 W, AM: 1.8 ~ 50 MHz 30 W
- 1.8, 3.5, 5, 7, 10, 14, 18, 21, 24, 28, 50, 144, 430/440 MHz bands
- Touchscreen, 3.6 inch FSTN display
- Triple conversion superheterodyne system
- HF to 70 cm band multi-band, multi-mode including DV mode
- Compact, angled control head for limited vehicle or desktop space
- Controller mounted speaker and jacks
- Digital features controlled by the IF DSP
- DSP controlled AGC function loop
- SD memory card slot for saving data

HF/50 MHz 1 kW Linear Amplifier

IC-PW2



1 kW Output at Full Duty Cycle Single Operator Two Radios (SO2R) with One IC-PW2

- 1 kW (180 ~ 264 V AC), 500 W (90 ~ 132 V AC)
  1 kW and 1-hour continuous transmission
- 1.8, 3.5, 7, 10, 14, 18, 21, 24, 28, 50 MHz bands
- Touchscreen, 4.3 inch color TFT
- Digital Pre-Distortion (DPD) for clean and linear transmission*1
- 2 × 6 automatic antenna selector
- Detachable controller
- RX In/Out connectors for multi-band BPF
- PC remote control operation through a LAN or Internet
- Completely linked with Icom radio operation*2

*1 With IC-7760 and IC-7610.
*2 With IC-7760, IC-7610 and IC-7300.

IP Remote Control Software

RS-BA1 Version 2



Further Advanced Dualwatch Remote Control Software

- Dualwatch operation with dual spectrum scopes
- Covers most functions and modes
- Low latency, high quality audio over an IP network
- Optional USB remote encoder RC-28
- Compatible with IC-7760, IC-7610, IC-7300, IC-905, IC-705, IC-9700, and IC-7100



RC-28 Remote Encoder

Automatic Antenna Tuner

AH-730



Fast Tune-up from 1.8 to 50 MHz Band Remote Control with Icom Transceivers

- 1.8 ~ 50 MHz frequency coverage with 7 m or longer wire antenna
- 2 ~ 3 seconds high-speed tuning
- IPX4 water resistant
- Minimum RF output for tuning
- 45 tuning memories to store the minimum SWR settings
- Compatible with IC-7760, IC-7610, IC-7300, IC-7100, and IC-718

Automatic Antenna Tuner

AH-705



Compact Antenna Tuner for the IC-705 Tunable 50 Ω Antenna and Long Wire Antenna

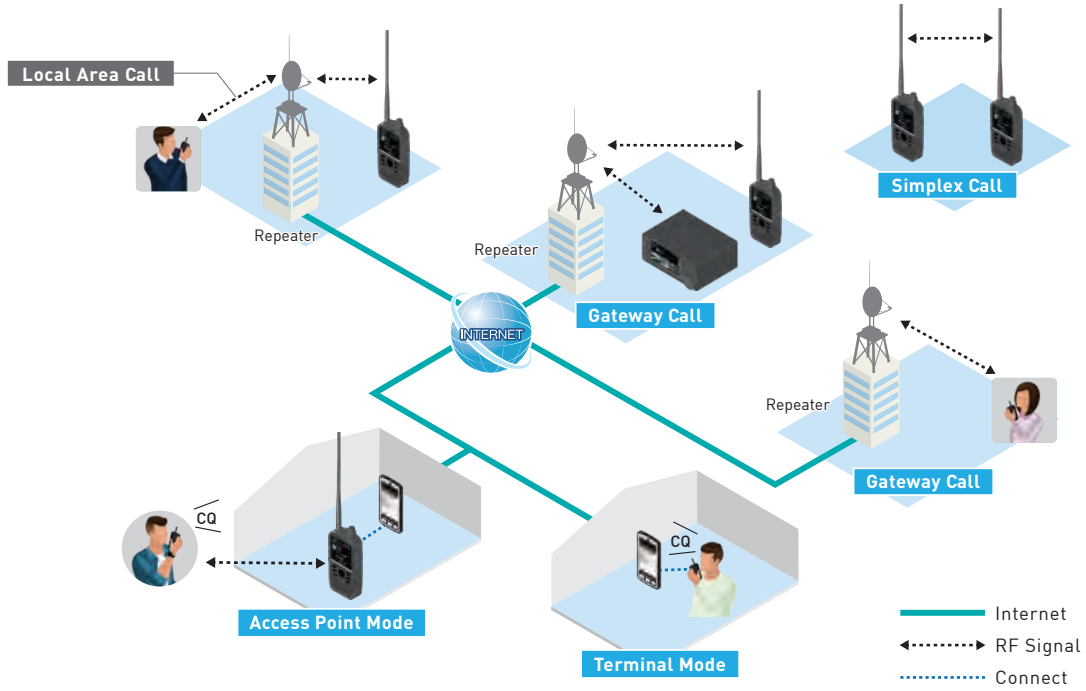
- 1.8 ~ 50 MHz frequency coverage with 30 m or longer wire*1
- SO-239 antenna connector for 50 Ω antenna such as dipole or yagi
- PL-259 plug or terminal connector supplied for a long wire antenna
- Alkaline batteries or external 13.8 V DC*2, 2-way power sources
- Latching relays used for saving power consumption
- Compact design 190 × 105 × 40 mm (7.5 × 4.1 × 1.6 in), 450 g (15.8 oz)*3

*1 3.5 ~ 50 MHz coverage with 7 m or longer antenna
*2 13.8 V DC should be taken directly from an external power supply, not through the IC-705.
*3 Battery cells are not included.



Long Distance Communications at Your Fingertips

D-STAR (Digital Smart Technology for Amateur Radio) makes global communication effortlessly accessible. The D-STAR repeater network lets you reach across cities and continents with clear audio. D-STAR's intelligent routing system connects you to repeaters worldwide—from your local area to the opposite side of the globe, making distance no barrier to communication.



VHF/UHF Transceiver

ID-5100A D-STAR



Innovation and Mobility Taken to the Next Level

- 50 W output (FM, FM-N, DV)
- 144 ~ 148, 430 ~ 450 MHz bands*1
- Touchscreen, 5.5 inch (320 × 128 pixels) FSTN display
- 118 ~ 174, 375 ~ 550 MHz receiver working range*1
- V/V, U/U, V/U dualwatch including DV/DV mode
- Integrated GPS receiver
- DV/FM repeater search function
- SD card slot for voice and data storage
- Bluetooth® capability*2

*1 Depending on version.
*2 Optional UT-133A required.

NEW

VHF/UHF Transceiver

ID-52A PLUS D-STAR



D-STAR/FM Multifunctional Digital with Advanced Features

- 5 W output (FM, FM-N, DV)
- 144 ~ 148, 430 ~ 450 MHz bands*1
- 2.3-inch large color display
- Receiver range*1*2: (A) 108 ~ 174, 225 ~ 479 MHz (B) 137 ~ 174, 375 ~ 479 MHz (BC) 88 ~ 108 MHz
- V/V, U/U, V/U dualwatch including DV/DV mode
- VHF/UHF airband and FM broadcast receiver
- Built-in Bluetooth® capability
- Band scope & memory scope with waterfall display
- Connect wirelessly with Android™/iOS™ device for Terminal mode and Access Point mode
- Picture sharing functions
- IPX7 waterproof

*1 Depending on version.
*2 (A) means A band, (B) means B band, (BC) means FM broadcast.

VHF/UHF Transceiver

ID-50A D-STAR



Compact D-STAR Dual bander Easy Functions and Smart Features

- 5 W output (FM, FM-N, DV)
- 144 ~ 148, 430 ~ 450 MHz bands*1
- 1.7-inch monochrome LCD
- Receiver range*1*2: (A) 108 ~ 174, 375 ~ 479 MHz (B) 137 ~ 174, 375 ~ 479 MHz (BC) 88 ~ 108 MHz
- V/V, U/U, V/U dualwatch including DV/DV mode
- VHF airband and FM broadcast receiver
- Easy D-STAR settings
- Band scope with waterfall display
- Terminal mode and Access Point mode
- Picture sharing functions
- IPX7 waterproof

*1 Depending on version.
*2 (A) means A band, (B) means B band, (BC) means FM broadcast.





VHF/UHF Transceiver

IC-T10

Rugged, Compact Dual Bander

- 5 W output (FM)
- 144 ~ 148, 430 ~ 450 MHz bands*1
- Segment LCD
- Receiver range*2: 136 ~ 174, 400 ~ 479 MHz
  (BC) 88 ~ 108 MHz
- 1500 mW powerful audio
- IP67 and MIL-STD 810G rugged construction
- 11/10 (VHF/UHF) hours of long battery life*3
- FM broadcast receiver
- The home button on the top panel

*1 Depending on version.
*2 (BC) means FM broadcast.
*3 Approximately. With BP-280 battery at 1:1:8 duty ratio (Power save ON).



VHF Transceiver

IC-V86

Compact Durable Portable

- 7 W output (FM)
- 144 ~ 148 MHz bands*1
- Segment LCD
- Receiver range: 136 ~ 174 MHz
- 1500 mW powerful audio
- IP54 and MIL-STD 810G rugged construction
- 19 hours*2 of long battery life
- Internal VOX function for hands-free operation
- Built-in CTCSS/DTCS

*1 Depending on version.
*2 EX Hi power with BP-298.
TX : RX : standby = 5 : 5 : 90 (3 sec. : 3 sec. : 54 sec.)
(The Power Save function is set to "P-S.16")



VHF/UHF Transceiver

IC-2730A



Black Inverted Edition

Practical Dual Bander with Bluetooth®

- 50 W output (FM, FM-N)
- 144 ~ 148, 430 ~ 450 MHz bands*1
- 91 × 27 mm (3.6 × 1.1 in) black/white high-contrast LCD
- 118 ~ 174, 375 ~ 550 MHz receiver working range*1
- V/V, U/U, V/U dualwatch
- Side-by-side symmetrical design
- Bluetooth® capability*2
- Easy controller mounting with the optional MBF-1
- MIL-STD 810G rugged construction

Black Edition

White Edition

*1 Depending on version.
*2 Optional UT-133A required.

VHF Transceiver

IC-V3500



Powerful Rugged Mobile Radio

- 65 W output (FM)
- 144 ~ 148 MHz bands*
- 71 × 21.1 mm (2.8 × 0.8 in) modern white display
- 136 ~ 174 MHz receiver working range*
- Loud and clear audio with 4.5 W audio output
- MIL-STD 810G rugged construction
- Instant volume loud and mute

* Depending on version.



RECEIVERS

Communications Receiver

IC-R8600



Exciting Innovation in the Professional Communications Receiver World

- 0.01 ~ 3000 MHz super wideband coverage
- Decode digital protocols (P25, NXDN, dPMR, D-STAR, DCR)
- Real-time spectrum scope with waterfall function
- Software demodulation in FPGA/DSP processing
- Superb receiver performance
- 100 channels per second high-speed scan and various scan functions
- MIL-STD 810G rugged construction



Communications Receiver

IC-R15

Multi-functional Receiver Designed for Fun of Listening

- 88.000 ~ 500.000 MHz* wideband coverage
- Receiving various signals with dualwatch
- Graphical Icon menu and clear visibility
- Simple mode to start receiving and scanning more quickly
- Saving audio on microSD card
- Built-in Bluetooth® capability
- 150 channels per second high-speed scan
- USB Type-C™ charging port
- IPX7 waterproof

* 88.000 ~ 108.000 MHz is BC band.



Communications Receiver

IC-R6

The 100 Ch/Sec Wideband Signal "Search Machine"

- 0.1 ~ 1309.995 MHz*1 wideband coverage
- 100 channels per second high-speed scan
- 15 hours of continuous receive capability*2
- 1300 memory channels with 22 memory banks
- MIL-STD-810F rugged construction

*1 Frequency range depending on version.
*2 At 50 mW output using external speaker.



How the World Communicates

Providing advanced communications, and creating a safe and prosperous society, is what Icom is best at.
We are leading people and society into a bright future by connecting the world with the latest in wireless technology.
Icom is **'How the World Communicates'**.

All stated specifications are subject to change without notice or obligation. Read all instructions enclosed with the transceiver carefully and completely before using the transceiver.
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