

ICOM

Be Active!

No Boundaries with the IC-705



Actual size



HF/50/144/430 MHz
ALL MODE
TRANSCEIVER

IC-705

PRE-RELEASE INFORMATION

IC-705

HF/50/144/430 MHz ALL MODE Designed for Field Operations

HF/50/144/430 MHz All Mode

From HF to 50/144/430 MHz*, you can enjoy a variety of bands in D-STAR DV, SSB, CW, AM and FM modes. The IC-705 receives continuously from the medium wave broadcast band to 144 MHz band. You can also enjoy FM broadcast and air band reception.

* 70 MHz band will be featured for the European version.

RF Direct Sampling System

The IC-705 uses the RF direct sampling method*, which greatly reduces distortion. The high speed /high resolution real-time spectrum scope and waterfall display are incorporated in a compact design for the first time in this class.

* Down-conversion IF sampling method for 25 MHz and above

Real-Time Spectrum Scope and Waterfall Display

The IC-705 inherits the performance and functions of the IC-7300 and IC-9700 scopes. You can visually figure out the band condition and check clear frequencies. It takes you to the next level beyond traditional field operation.



Real-time spectrum scope

Large Touch Screen Color Display

The large 4.3 inch touch screen color display dramatically improves visibility and operability in the field.



Touch screen display

Compact and Lightweight Design

"Base station radio" performance and functions are packaged in a compact size of approximately 20 cm, 7.9 in (W) × 8 cm, 3.1 in (H) × 8.5 cm, 3.3 in (D). The weight is approximately 1 kg (excluding battery pack and antenna). Its compact and lightweight design enables you to hold it with one hand.



One hand holdable package

Bluetooth® and Wireless LAN

Bluetooth® and wireless LAN are built-in. They can be used for smartphone linking and remote control, and also for Bluetooth® headsets.





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Max. Output Power 10 W (13.8 V DC), 5 W (BP-272) Supports QRP/QRPP Operations

Despite being a portable radio, it achieves the maximum output power of 10 W with a 13.8 V DC external power supply. When the standard BP-272 Li-ion battery pack is used, operation at the maximum output power of 5 W is possible. True 5 watt QRP as well as 0.5 watt QRPP are supported.



BP-272 attached (Rear panel view)

GPS Antenna and GPS Logger

A high-performance GPS antenna is incorporated. In the D-STAR DV mode, you can send and receive location information while communicating. This high-performance GPS enables various functions such as GPS log function and repeater search function.

microSD Card Slot

The IC-705 is equipped with a microSD card* slot that can be used for firmware upgrades, programming and so on, as well as voice recordings and saving GPS log data.

* microSD card is not supplied.

Full Equipped D-STAR Functions

The IC-705 is fully equipped with functions to enjoy D-STAR comfortably, such as the DR function and Terminal Mode/Access Point Mode. In addition, you can send/receive and view saved photos using only the IC-705 without any application software.

Antenna and SP-Mic Come Standard

A whip antenna for VHF/UHF and speaker-microphone come standard. The speaker-microphone is equipped with programmable buttons assignable to various functions, such as frequency adjustment and volume control.



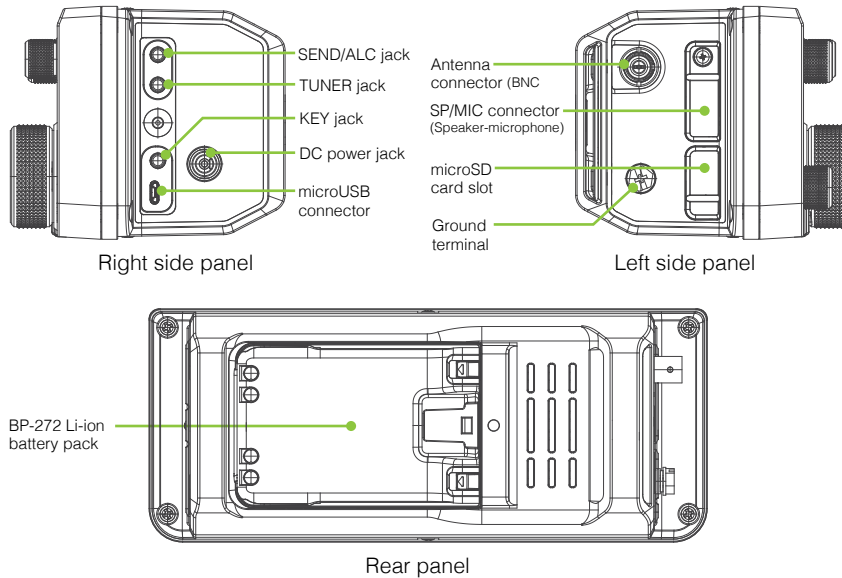
Optional Backpack, LC-192, Ideal for Field Operations

The IC-705 fits perfectly in the optional dedicated LC-192 multi-function backpack. The backpack includes holes for the antenna and for passing through coaxial cable and microphone cable. You can easily operate the IC-705 with it in the backpack.



LC-192 Multi-function backpack

Side / Rear Panel View



Multi-Function Backpack

LC-192 (Optional accessory)



Supplied Accessories

- Whip antenna for VHF/UHF
- HM-243 Speaker-microphone
- BP-272 Li-ion battery pack, 7.4 V, 2000 mAh (typ.)
- DC power cable



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