



# Be Active!

Set out to the fields with the IC-705



HF/50/144/430 MHz  
ALL MODE  
TRANSCIVER

# IC-705

PRE-RELEASE INFORMATION



# HF/50/144/430 MHz ALL MODE Your New Partner for Field Operations IC-705 is born

## 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.

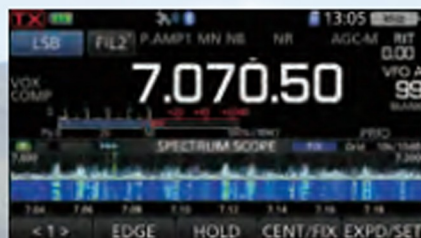
## RF Direct Sampling System

The IC-705 uses the RF direct sampling method\* matured in the IC-7300, IC-7610, and IC-9700. This method 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 highly-acclaimed 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 is the same size as the one used in the IC-7300 and IC-9700. It dramatically improves visibility and operability in the fields.



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) x 8 cm, 3.1in (H) x 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

## BP-272 Battery Pack or 13.8 V DC External Power Supply

The BP-272 Li-ion battery pack comes with the IC-705. This is the same battery pack used in the ID-51 and ID-31 handheld transceivers. Of course, a 13.8 V DC external power supply can be used, too.



BP-272 attached (Rear panel view)



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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.

## 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.

## 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.



Speaker-microphone  
HM-243

## Optional Backpack, LC-192, Ideal for Field Operations

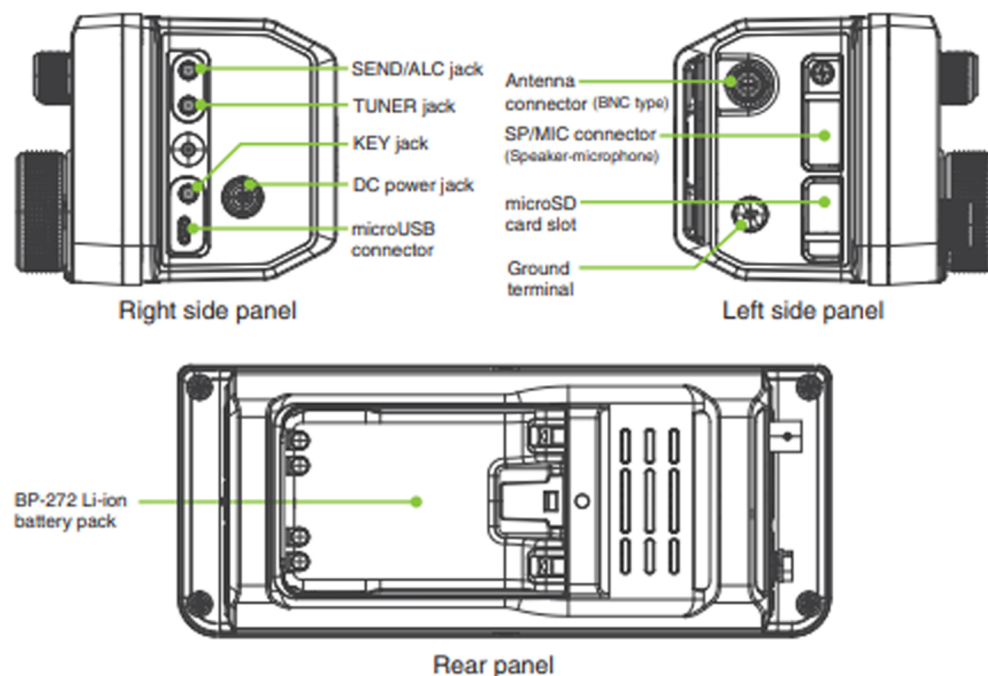
The IC-705 fits perfectly in the optional dedicated LC-192 multi-function backpack. It has various functions, such as holes for the antenna and holes for passing through coaxial cable and microphone cable. You can easily operate the IC-705 with it in the backpack.



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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