

ICOM

VHF TRANSCEIVER

# IC-V210T



## **Reliable 5-Tone partner at your service.**

### **Easy operation with a reference message**

The IC-V210T is simple to use yet is sophisticated and has a great many features. A character note on the function display allows storage of up to 13 letters and numerals for useful information such as call names. Therefore, you need not refer to a list for your operating channels during operation.

### **100 operating channels giving flexibility**

Accessing up to 100 operating channels is very fast with the keyboard. Conforming to nearly all your individual needs, the IC-V210T is ideal for organizations that use many transceivers.

### **Well-filled 5-Tone system**

For selective calling and quiet standby, the IC-V210T has a 5-Tone system based on CCIR, DAPL, DZVEI, EEA, EIA or ZVEI specifications\*. A total of 30 transmit 5-Tone code channels and 4 receive 5-Tone code channels are equipped to provide all tone sequences.

The IC-V210T conforms not only to ordinary 5-digit codes, but also to 7-digit codes and even more complex systems.

\* The equipped 5-Tone system varies according to versions.

### **Allows you advanced 5-Tone operations**

To facilitate various operations, a transmit 5-Tone code, up to 4 receive 5-Tone codes, a repeater code, and an ID code on/off setting can be specified for each operating channel.

Using the status function, the desired digit of the received 5-Tone code is indicated for a message number. Moreover, the transceiver can transmit 3 kinds of answer back codes.

### **Extra convenient functions**

The turn on message function shows the call name of your station or a similar reference. Without manual channel selection, the scan function allows waiting for the call on all scan channels.

According to your operating conditions, the IC-V210T has an array of additional useful features including the repeater lockout, time-out timer, penalty timer and CTCSS functions. Feel free to ask your Icom Dealer for availability.

### **Other outstanding features**

- Rugged construction to withstand severe environments.
- High sensitivity and stable output power for reliable contact.
- Easy to install body: only 140(W) x 50(H) x 182(D) mm.
- Cloning system that assures speedy delivery from your Icom Dealer.

Icom Inc.

**SPECIFICATIONS**

**GENERAL**

- Frequency coverage : 136~160 MHz (25 W, low band types)  
156~174 MHz (25 W, high band types)  
136~144 MHz (10 W, low band types)  
146~174 MHz (10 W, high band types)  
Ask your Icom Dealer for permitted frequency range in your area.
  - Mode : FM
  - Number of channels : Up to 100
  - Channel spacing : 12.5 kHz (narrow types)  
20 kHz (Holland version)  
25 kHz
  - Antenna impedance : 50 Ω (unbalanced)
  - Power supply requirement : 13.8 V DC ±15% (negative ground)
  - Current drain (at 13.8 V DC) :
- |          |                   |        |
|----------|-------------------|--------|
| Transmit | 10 W types        | 4 A    |
|          | 25 W types        | 7 A    |
| Receive  | Squelched         | 700 mA |
|          | Max. audio output | 1.2 A  |
- Usable temperature range : -25°C~+55°C
  - Frequency stability : ±1.5kHz (-25°C~+55°C)
  - Dimensions : 140(W) × 50(H) × 182(D) mm (projections not included)
  - Weight : 1.5 kg
  - 5-Tone system : CCIR, DAPL, DZVEI, EEA, EIA and ZVEI

**TRANSMITTER**

- Output power : 10 W (10 W types)  
25 W (25 W types)
- Max. frequency deviation :

Channel spacing	Max. frequency deviation
12.5 kHz	±2.5 kHz
20 kHz	±4 kHz
25 kHz	±5 kHz

- Spurious emissions : -76 dB
- Harmonic emissions : -76 dB

**RECEIVER**

- Sensitivity : 0.35 μV for 12 dB SINAD
- Squelch sensitivity (threshold) : 0.30 μV
- Adjacent channel selectivity : -70 dB
- Intermodulation rejection : -70 dB
- Spurious response rejection : -70 dB
- Audio output power : 3 W with a 4 Ω load

All stated specifications are approximate and subject to change without notice or obligation.

**OPTIONS**

Icom offers a variety of options to suit many different operating environments. Some versions cannot use all the options listed below, since type approval for the IC-V210T varies between countries. Ask your Icom Dealer which options are available.

■ **MICROPHONES**

- **EM-63** HAND MICROPHONE  
Same type as supplied with the IC-V210T.
- **HM-47** DTMF MICROPHONE  
Heavy-duty hand microphone with a DTMF keyboard.
- **SM-14** DESKTOP MICROPHONE  
High-quality, uni-directional, goose-neck microphone. Suitable for office use. A 5-Tone code can be sent with the call switch.

■ **SPEAKERS**

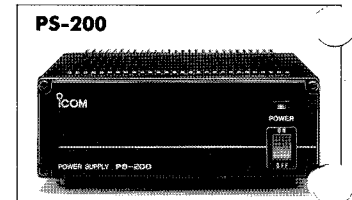
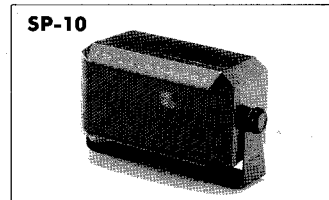
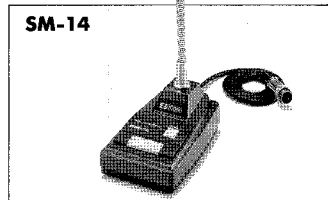
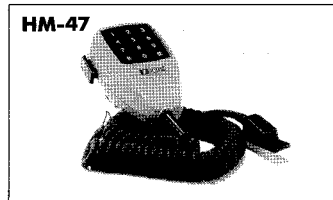
- **SP-5** EXTERNAL SPEAKER  
Can be easily installed in any part of your vehicle.  
Input impedance: 4 Ω Max. input power: 5 W

• **SP-10** EXTERNAL SPEAKER

Compact and easy-to-install.  
Input impedance: 4 Ω Max. input power: 5 W

■ **OTHERS**

- **MB-26** MOBILE MOUNTING BRACKET  
Same type as supplied with the IC-V210T.
- **OPC-044A** DC POWER CABLE  
Same type as supplied with the IC-V210T.
- **PS-200** AC POWER SUPPLY  
Allows you to use the IC-V210T through an AC power source. The supplied mounting plates allow easy installation with the IC-V210T.  
Output voltage: 13.8 V DC Max. current drain: 8 A
- **UX-11** HORN-HONK DRIVER UNIT  
Using a 5-Tone system, the IC-V210T can alert you through an external sound unit when you are away from the vehicle.



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**Count on us!**

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