ICOM®

IP REMOTE CONTROL SOFTWARE
RS−BA1

Transceiver **+** IP Network

IP Remote Control through your Home Network

Shack
Transceiver
RS-BA1

RS-BA1

Living room
RS-BA1

IP Remote Control over the Internet

Transceiver

Transceiver location
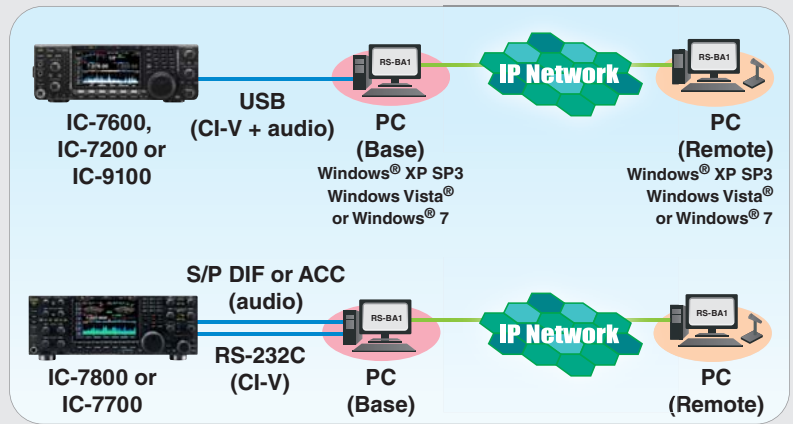RS-BA1

RS-BA1

INTERNET

Remote location

IP Network

Advanced Remote Control Software and Hardware

- Use your Icom transceiver from anywhere, in another room or from a remote location over the internet.
- Low voice latency provides audio quality as if you were in the same room.
- Most radio functions and modes

○ Custom radio configuration   ○ IF filter settings

○ Memory channels   ○ S-meter and SWR can be observed

○ Interference rejection functions   ○ Rx voice recording function

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The RS-BA1 consists with two components software applications; System configuration software and remote control software. The system configuration software sets up IP address, audio sampling rate and other settings. The remote control software provides a user interface, similar to the radio's front panel, and allows you to control the radio from a remote location.
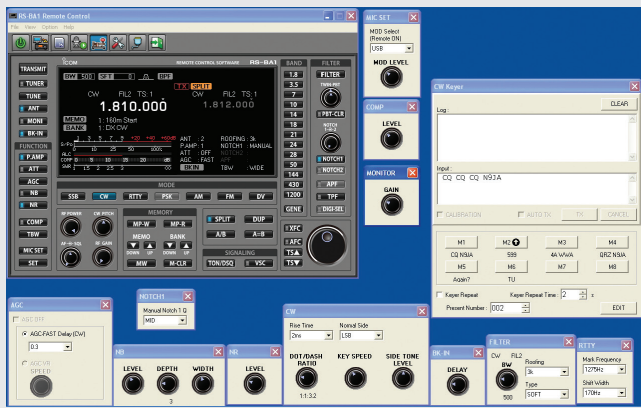
The IC-7600, IC-7200 or IC-9100 can be connected to a PC with a USB cable and the input/output audio signal and CI-V command is sent through the USB cable.

The IC-7800 or IC-7700 can be connected to a PC with a RS-232C cable plus S/P DIF or ACC cable.
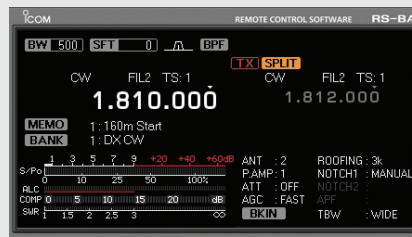
IC-7600, IC-7200 or IC-9100

USB (CI-V + audio)

RS-BA1

PC (Base)
Windows® XP SP3
Windows Vista®
or Windows® 7

IP Network

RS-BA1

PC (Remote)
Windows® XP SP3
Windows Vista®
or Windows® 7

IC-7800 or IC-7700

S/P DIF or ACC (audio)

RS-232C (CI-V)

RS-BA1

PC (Base)

IP Network

RS-BA1

PC (Remote)

Icom America Inc.

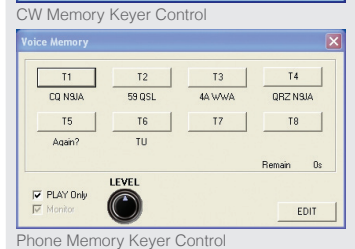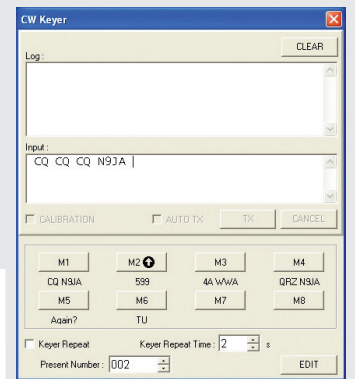www.icomamerica.com   **Count on us!**

RS‒BA1

Customization

Control Panel, configure how you want

Main Display, shows radio functions like an Icom radio

- Drag and drop
- Resize control windows
- Arrange the controls how you want
- CW/Voice Memory Keyer tabs that say what you want

CW Memory Keyer Control

Phone Memory Keyer Control

Minimum System Requirements

PC (Base station or Remote station)

When only one radio and one Remote station are connected to the Base station.

Operating System	Microsoft® Windows® 7 (32/64 bit) Microsoft® Windows Vista® (32/64 bit) Microsoft® Windows XP® (Service Pack 3 or later)
CPU	Pentium 4 1 GHz or better (A multicore CPU is recommended)
Memory	Windows XP: 512 MB or more Windows Vista: 1 GB or more Windows 7 (32 bit): 1 GB or more Windows 7 (64 bit): 2 GB or more
HDD	70 MB of available disk space, or more (The Voice Memory function or recording function will need more)
Display Resolution	1024 x 600 pixels, or more
Network Data Speed	For the Base station: Upload 500 kbps, or faster Download 350 kbps, or faster For the Remote station Upload 350 kbps, or faster Download 500 kbps, or faster (When the default audio quality is used)
Remark	We recommend the use of the on-board sound chipset. The CPU may have a heavy load, when an external sound device, such as USB audio converter, is used.

This is the minimum system requirement to use the RS-BA1.
Because the system requirements may differ, depending on your PC environment (permanently running software such as antivirus software, peripheral devices, network condition, settings of OS and other software), the operation is not guaranteed.

Accessory

RC‒28

- Remote control USB encoder
- Use in conjunction with the RS-BA1 software
- Same tuning knob and encoder as used on Icom HF radios
- Remote tuning control features programmable function keys