

**KENWOOD USB Audio Controller
ARUA-10 Version 1.00**

Last updated : October 15, 2010

● About this software

- This is the software to be used to connect a TS-590S transceiver and a PC by a USB cable and make it possible to use a speaker and a microphone on your PC instead of those on the transceiver.
- Using this software coupled with ARCP-590, simply connecting a PC to a transceiver using a USB cable makes it possible to control the transceiver from the PC.

Note:

- A virtual COM port driver needs to be installed onto the PC to use Radio Control Program ARCP-590 with the USB cable.
- This software will not be used while USB Audio function of the transceiver is in use in KENWOOD NETWORK COMMAND SYSTEM.
- Please refer to the following manual for details.
TS-590S USB Audio Setting Manual : (207KB PDF).

● Operating Environment

1. Operating System (OS)

- Windows® XP (Service Pack 3 or later)
- Windows Vista® (Service Pack 1 or later) (32-bit)
- Windows® 7 (32-bit or 64-bit)

2. Processor

Faster than the recommended CPU for each OS.

3. System Memory (RAM)

Larger than the recommended System Memory for each OS.

4. Free Hard Drive Space

100 MB or more of free hard drive space.

5. Runtime

Microsoft .NET Framework 2.0 or later.

6. Peripheral Devices

- A display with resolutions higher than XGA (1024 x 768).
- A keyboard and a mouse, or other pointing devices.
- USB 2.0 interface.
 - * If the transceiver is connected to a PC using a USB cable, ensure that the connection is directly in place. ARUA-10 may not behave properly if a connection is in place through a USB hub..
 - * Download and install the virtual COM port driver to make a USB connection possible for command communications via a USB connector.
- Sound function.
- A speaker.
- A microphone.

● Usage Notes

- If you are remotely controlling the Transceiver using this software via a network such as the Internet, you must conform to the radio laws and relevant domestic laws of the country and/or area where the Transceiver and relevant equipment are installed.
- If any problem occurs while you are remotely controlling the Transceiver and relevant equipment, the responsibility of finding a solution to the problem is left solely to the user who remotely controls the Transceiver and relevant equipment.
- Users are required to obtain an approval from KENWOOD, in writing, prior to redistributing this software on a personal web page or packet radio.
- Users are prohibited to assign, rent, lease, or resell the software.
- Users are prohibited to revise, change, translate, merge, de-compile, or reverse engineer the software.
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software is stored is possessed by the user, the ownership for the software itself shall be reserved for KENWOOD.

● **Installing the ARUA-10**

Extract the downloaded file "ARUA10_100.zip" into a designated folder.

In the designated folder, a folder labeled "ARUA10_100" will be created.

Execute the "Setup.exe" in the folder labeled "ARUA10_100", and follow the instructions that appear on the display to install ARUA-10.

Note:

- Administrator privileges are required when installing the software.
- To update ARUA-10, execute the same procedure as used for installation, and follow the instructions that appear on the display to install the software. The latest update is written and installed over the currently installed program.
- If no Microsoft .NET Framework 2.0 runtime software is installed in a PC with Windows® XP installed, the runtime software is automatically installed during the installation of ARUA-10.

● **Uninstalling the ARUA-10**

Select "ARUA-10" in "Uninstall a program" ("Add or Remove Programs" for Windows XP) in the Control Panel and follow the instructions that appear on the display to uninstall the software. Or double-click "Setup.exe", and follow the instructions that appear on the display to uninstall the software.

- Administrative privileges are required to uninstall ARUA-10.
- Always exit ARUA-10 before uninstalling the software..

If you agree with the details listed above, click the following link to download the ARUA-10 software.

[ARUA-10 Ver1.00 :ARUA10_100.zip 27.4MB download](#)

● **Update History**

- Ver1.00 First Release (October 15, 2010)

[For inquiries, please access:](#)

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