

KENWOOD USB Audio Controller
ARUA-10 Version 4.00

Last updated : August 30, 2018

●About this software

- This is the software to be used to connect a TS-990S, a TS-890S, a TS-590SG, or 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-990, ARCP-890, ARCP-590G, or 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-990, ARCP-890, ARCP-590G, or ARCP-590 with the USB cable.
- **The ARUA-10 will not be used while USB Audio function of the transceiver is in use in data communications such as JT65, FT8, or KENWOOD NETWORK COMMAND SYSTEM remote operations.**
- Please refer to the following manuals for details.
 - [TS-990S USB Audio Setting Manual](#) : (580KB PDF).
 - [TS-890S USB Audio Setting Manual](#) : (659KB PDF).
 - [TS-590SG USB Audio Setting Manual](#) : (506KB PDF).
 - [TS-590S USB Audio Setting Manual](#) : (525KB PDF).

●Operating Environment

1. Operating System (OS)

Windows[®] 7 (SP1 or later) (32-bit or 64-bit)
Windows[®] 8.1 (RTM or later) (32-bit or 64-bit)
Windows[®] 10 (Version 1703 (OS Build 15063.0) or later) (32-bit or 64-bit)

Note:

- This software is designed to run on the above operating systems.
- Applicable operating systems are subject to change without notice due to the end of the technical support by Microsoft Corporation or change of the product specifications.

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 3.5 \(includes .NET 2.0 and 3.0\).](#)

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 and a microphone.(Or a headset.)

●Usage Notes

- Users are prohibited to assign, rent, lease, redistribute, or resell the software.
- Users are prohibited to revise, change, translate, merge, de-compile, or reverse engineer the software.
- JVC KENWOOD does not warrant that quality and functions of this software comply with each user's purpose of use of this software, and unless specifically described in this document, JVC KENWOOD shall be free from any responsibilities to any defects and indemnities to any damages or losses. Selection and installation of this software shall be made by the User's designation. The User shall take full responsibilities for the use and effects of this Software.
- JVC KENWOOD Corporation shall be free from any responsibilities for any incidental losses or damages, such as missing

communications or a calling opportunity caused by a failure or performance error of this Software.

- JVC KENWOOD shall own all copyrights and other intellectual properties for the software and all manuals and documents attached to the software. The user shall be allowed to use, not to resell, the software by obtaining a license from JVC KENWOOD. While the media in which the software is stored is possessed by the user, the ownership for the software itself shall be reserved for JVC KENWOOD.

●Installing the ARUA-10

Extract the downloaded file "ARUA10_400.zip" into a designated folder.

In the designated folder, a folder labeled "ARUA10_400" will be created.

Execute the "Setup.exe" in the folder labeled "ARUA10_400", 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.

●Uninstalling the ARUA-10

Select "ARUA-10" in "Control Panel - Programs and Features" for Windows® 7/8.1, or in "Settings - Apps & features" for Windows® 10, 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.

(The latest version includes all previous updates.)

[ARUA-10 Ver.4.00 :ARUA10_400.zip 6.70MB download](#)

●Update History

Ver.4.00 (August 30, 2018)

- Enables to use with the TS-890S.
- Adds Windows® 10 compatibility.

Ver.3.00 (October 31, 2014)

- Enables to use with the TS-590SG.
- Adds Windows® 8.1 compatibility.

Ver.2.01 (July 12, 2013)

- Adds Windows® 8 compatibility.

Ver.2.00 (February 28, 2011)

- Enables to use with the TS-990S.

Ver.1.00 (October 15, 2010)

- First Release.

• Microsoft®, Windows®, and Windows logo are registered trademarks of Microsoft Corporation in the United States and/or other countries.

• .NET Framework is a trademark or a registered trademark of Microsoft Corporation in the United States and/or other countries.