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AOR AR8200 Program Cable

Introduction

The AOR AR8200 Program Cable is designed to connect the AOR AR8200 series handheld wideband receivers to a computer for programming, data transfer, and

firmware updates. It allows users to manage frequencies, channel names, and scanning preferences using compatible software, eliminating the need for manual input. This cable is essential for radio enthusiasts, hobbyists, and professionals who require quick and efficient receiver configuration.

Specifications

- **Model Compatibility:** AOR AR8200 Series Wideband Receivers
- **Cable Type:** Programming and data communication cable
- **Connector A:** Radio-specific interface plug (AR8200 compatible)
- **Connector B:** RS-232 serial connector or USB (depending on version)
- **Cable Length:** Approximately 1–1.5 meters
- **Data Transfer:** Supports bi-directional communication for programming and retrieval of receiver settings
- **Compatibility:** Works with AOR software and certain third-party programs
- **Power Requirement:** Powered through the connected devices (no external power needed)

Usage Instructions

1. **Turn Off the Receiver** before connecting the cable.
2. **Connect the Cable**:
   - Plug the radio-specific end into the AR8200's data port.
   - Connect the other end to your computer's RS-232 or USB port.
3. **Install Drivers (if USB version)**:
   - Install the correct driver software for your operating system.
4. **Launch Programming Software**:
   - Open AOR's official software or compatible third-party programming tools.
5. **Transfer Data**:
   - Use the software to send frequency lists, settings, or firmware updates to the receiver.
   - You can also retrieve stored settings from the receiver to your computer.
6. **Disconnect Safely**:
   - Exit the software and unplug the cable after programming is complete.

Safety Instructions

- **Avoid Forceful Insertion** – Ensure connectors are aligned before inserting to prevent damage to the radio or cable.
- **Prevent Static Discharge** – Touch a grounded object before handling the cable to avoid static damage to electronics.
- **Do Not Modify the Cable** – Altering the wiring may cause malfunction or permanent damage.
- **Keep Away from Moisture** – Avoid using in damp conditions.
- **Disconnect Before Storage** – Remove the cable from both the radio and computer when not in use.
- **Avoid Excessive Bending** – Do not sharply bend or twist the cable to preserve internal wiring integrity.
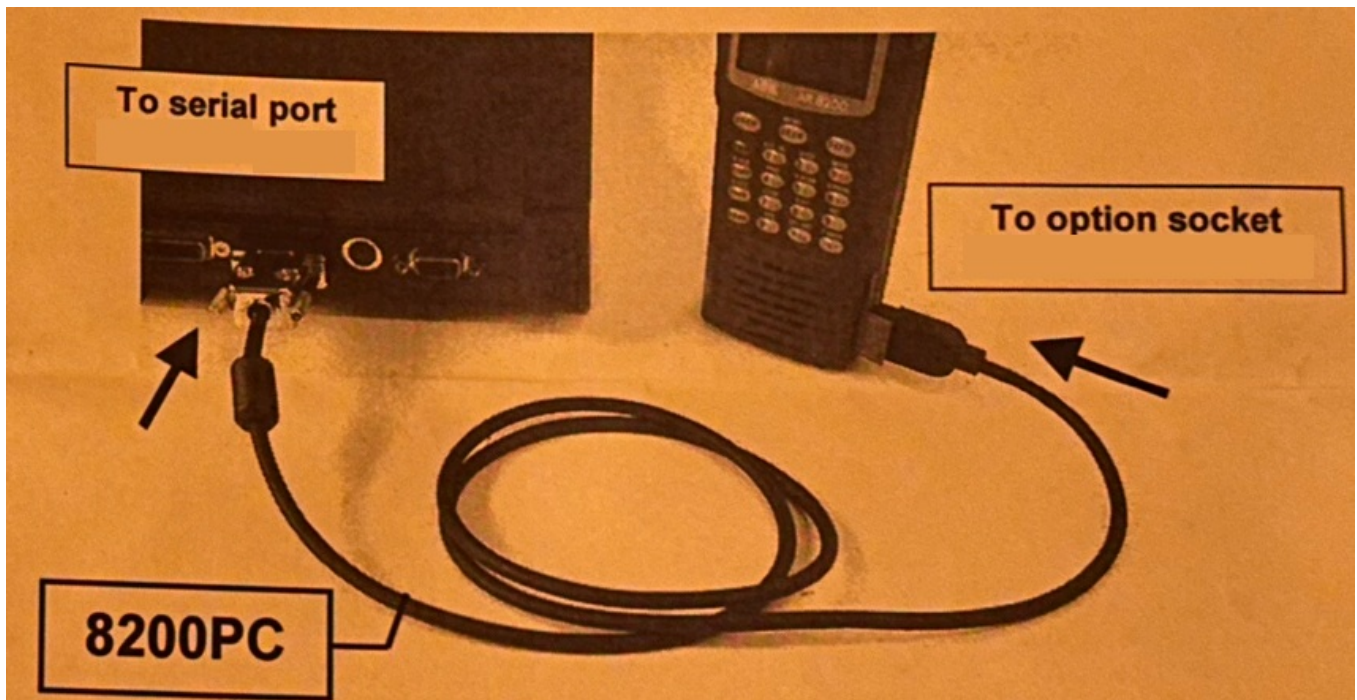
General

- The AR8200 is designed to be connected to a computer using the optional 8200PC lead with built-in level shift conversion. This will enable computer control via the RS-232C serial port of a computer. An additional piece of software will usually be required to address the computer's serial port, with the correct set of parameters defined. If using an IBM-PC or clone (with 80386 processor or higher). Microsoft Hyper-Terminal (or Windows-Terminal for
- Windows 3. lx) may be used to address the computer's serial port.
- For greater capabilities, custom software will be required. The 'AR8200 Workshop' software package may be downloaded free from the AOR internet websites, which provides hands-off control, memory management, logging, spectrum display, etc. In addition, another free package, 'AREX SYSTEM' (Japanese only), is available as a free download from the AOR Japan website.
- Third-party software vendors also offer AR8200 Ømpatible software on a commercial basis.

Japan: http://www.aorja.com

- UK/Europe: http://www.aoruk.com
- USA/America: http://www.aorusa.cnm

If you do not have internet access or suitable software, consider the purchase of the CC8200 in place of the 8200PC lead. The CC8200 provides the 8200PC lead and a CD-ROM containing the 'AR82m Workshop' and other software files.

Connection for RS232 operation

- The option socket is mounted on the right-hand side of the AR8200 cabinet underneath the 12V d.c.Input socket. This socket is protected from dust by a rubberised case stopper which is hinged toward the front of the cabinet. Gently lift the stopper from the rear edge to reveal the metallic socket. Fully insert one end of the 8200PC cable into the AR8200 option socket; the other end of the cable has a 9-pin D-type RS232 female plug for connection to a PC or other computer (you may need a 9/25 way adapter on some computers).
- The level shift interface ofthe 82WPC lead is powered by the AR8200 receiver. Be careful to keep dust and dirt from this socket and to prevent liquid from entering the AR8200 via this socket. Ensure that no conductive material is allowed to short-circuit the socket, which may damage the receiver.

Convenüon: The AR8200 referred to here applies equally to both the AR8200 Series-I (green cabinet) and AR8200 Series-2 (black cabinet).

- Every effort has been made to make this manual up to date. Due to continuous development of the art by error or omission, anomalies may be found, and these are this manual is protected AORLTD.D. No information in this manual may be used or reproduced without the prior written consent of AOR LTD.
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- e-mail: post@aorja.com
- TEL: 03-3865-1681
- FAX: 03-3862-9927

FAQs

Q1: Can I use the AOR AR8200 program cable with other AOR models?

A1: This cable is designed specifically for the AR8200 series, though some variants may work with compatible models. Always check compatibility before use.

Q2: Do I need special software to use this cable?

A2: Yes, AOR provides official software for programming, but there are also third-party options available. Ensure the software supports the AR8200.

Q3: My computer doesn't have an RS-232 port. How can I use the cable?

A3: You can use an RS-232-to-USB adapter with proper drivers to connect the cable to modern computers

Documents / Resources

[AOR AR8200 Program Cable](#) [[pdf](#)] Instruction Manual AR8200 Program Cable, AR8200, Program Cable, Cable	

References

- [User Manual](#)

🏷 AOR, AR8200, AR8200 Program Cable, Cable, Program

📁 AOR   Cable

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