AQUOS BOARD™ TECHNICAL BULLETIN

<u>MODELS</u>	PN-L603A PN-L603B PN-L703A PN-L703B
<u>REFERENCE</u>	RS-232C Connectivity
<u>BACKGROUND</u>	The AQUOS BOARD™ models listed above do not provide an out of the box RS-232C port. This bulletin will explain how to utilize remote RS-232C control by utilizing the built-in service port connector.
<u>ACTION</u>	Users can purchase the 3rd party adapters listed below. When connected to the AQUOS BOARD™, these adapters will permit a standard RS-232C control cable to be connected to the unit. *Note, the gender changer may not be required depending on the cable used.
<u>METHOD</u>	The 3.5mm RS-232C port is located on the right side of the back of the display under a service cover. This cover is attached with a single screw and must be removed to access the port.
<u>PARTS REQUIRED</u>	DB9 Male to 3.5mm Male Adapter Cable 1.5 Feet DB9 Female/Female Mini Gender Changer
<u>SUPPORTED COMMANDS</u>	All network commands are available for use. (See Operation Manual p.55–p.62)
<u>LIMITATIONS</u>	Sharp is currently developing updated firmware to enhance the RS-232C capability, but currently the following limitations apply:

- Baud rate Speed: Only 38,400bps is supported.
- When an RS-232C command is sent, do not use LAN control and control via a web browser.
- When controlling via RS-232C commands, please use the (default) standby mode. If the "low power mode" is used, RS-232C data may not be received.
- When using RS-232C commands with the "A" models, commands cannot be received for approximately 3 minutes during the power up or shut down sequence whether initiated either via the IR remote, or front panel power button.
- If the main power on switch on the back of the unit is cycled, you will need to clear the receiving buffer due to erroneous data.

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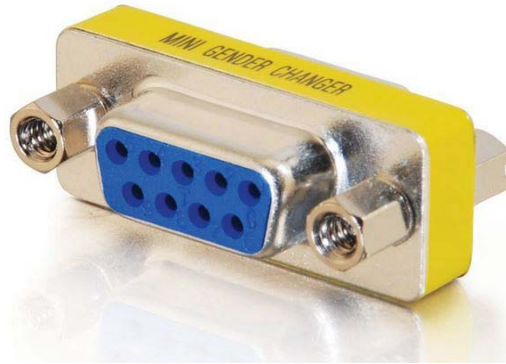
RS-232C Adapters

[DB9 Male to 3.5mm Male Adapter Cable 1.5 Feet](#)   [DB9 Female/Female Mini Gender Changer](#)

AQUOS BOARD™ w/cover   **Cover removed**   **Adapter connected to RS-232C port**

Design and specifications subject to change without notice.