



August 11, 2014  
Bulletin #14167

## AQUOS BOARD™ TECHNICAL BULLETIN

MODELS                      PN-L603A      PN-L603B      PN-L703A      PN-L703B

REFERENCE                      RS-232C Connectivity

BACKGROUND                      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.

ACTION                                      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.

METHOD                                      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.

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

SUPPORTED COMMANDS                      All network commands are available for use. (See Operation Manual p.55-p.62)

LIMITATIONS                                      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**

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