

Sharp Aquos Family

Displays



The Sharp Aquos family of displays can be controlled with Mira Connect™, Aveo Systems’ smart control appliance.

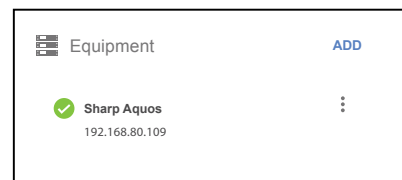
Mira Connect communicates and controls the Sharp Aquos over an Ethernet network. To integrate a Sharp Aquos with Mira Connect, first configure the display using the following setup to enable Ethernet control and to allow the display to be turned on over the Ethernet interface after the display has been turned off.

! Important note: if the ‘internet setup’ steps are not performed, the display will not be controllable over its network interface. If ‘Quick Start Mode’ is not enabled, the display will not be able to be turned on via network control after it has been turned off.

Sharp Aquos configuration steps include:

1. Use the IR remote to power on the display.
2. Press the Menu button on the IR remote.
3. Under ‘Initial Setup’ menu, set Quick Start Mode to On.
4. Under the ‘Smart TV’ menu, select ‘Internet Setup’ and set the Connection Type to Wired, assuming you are using wired Ethernet to connect the display to your network.
5. Under ‘Wired Setup’, set the Connect Type to Manual and enter the IP address info and press Connect.
6. Under the ‘Smart TV’ menu, select ‘AQUOS Remote Control’, and if the status is set to Disable, then change it to Enable and confirm under ‘Detailed Settings’ that the Control port is set to 10002 (the default).
7. Exit the menu

Next, add the Sharp Aquos to the room in Mira Portal (<https://mira.aveosystems.com>), enter its IP address and press ‘add equipment’. Mira Connect will connect to the Sharp Aquos system and show the status of the connection. Mira Portal will show the equipment status as a green circle if the IP address is valid, otherwise the warning symbol, **▲**, will appear indicating the IP address is not correct or the display has been set to a network port different from the default of 10002.



To specify which video inputs are used on the display, select Edit from the device’s **⋮** menu, select the Video Inputs tab and enable an input, select an icon, and enter text labels for the desired inputs. This will create a display menu as shown on page 2.

See the [Mira Connect Administrators Guide](#) for more information about using Mira Portal to set up Mira Connect.

Important information about the integration is summarized below.

Control Interface

Network connection using TCP, port 10002.

We recommend setting a static IP address.

Only one Mira Connect should be controlling a Sharp Aquos at a time as the display’s API interface doesn’t support multiple control connections reliably.

Volume Control

There is no support for volume control of the display. Use a DSP audio conference device or video conferencing system for volume control.

Mira Connect



Supported Models

Mira Connect supports at least the following models of Sharp Aquos displays:

LC-32LE653U, LC-60C6500U, LC-60C6600U, LC-60EQ10U, LC-60EQ30U, LC-60LE650U, LC-60LE660U, LC-60LE661U, LC-60Q17U, LC-60SQ10U, LC-60SQ15U, LC-60SQ17U, LC-60TQ15U, LC-70C6500U, LC-70C6600U, LC-70EQ10U, LC-70EQ30U, LC-70LE660U, LC-70LE661U, LC-70SQ10U, LC-70SQ15U, LC-70SQ17U, LC-70TQ15U, LC-70UD1U, LC-70UQ17U, LC-80LE642U, LC-80LE650U, LC-80LE661U, LC-80UQ17U, LC-90LE657U

Software Versions

Tested with Sharp Aquos device firmware 2.23

The screenshot shows the 'Update Equipment' interface with the 'VIDEO INPUTS' tab selected. At the top, there are dropdown menus for 'Equipment Type' (Sharp Aquos) and 'Model' (LC-60LE661U), along with a 'Simulate equipment' checkbox. Below this, there are two tabs: 'CONNECTION' (checked) and 'VIDEO INPUTS' (checked). The 'Select inputs:' section contains three input options: 'Component / Video 2' (unchecked), 'HDMI 1' (checked), and 'HDMI 2' (checked). Each input has a dropdown menu for an icon and a text field for a label. For HDMI 1, the icon is a laptop and the label is 'LAPTOP'. For HDMI 2, the icon is a television and the label is 'TELEVISION'. A 'Menu Preview' section on the right shows a list of sources: 'LAPTOP Local Presentations' (selected) and 'TELEVISION Cable TV'. At the bottom right, there are 'CANCEL' and 'UPDATE EQUIPMENT' buttons.

To enable a display menu on Mira Connect, enable the desired video inputs, select an icon, and set the text labels. The display menu will be built and previewed on the Video Inputs tab within Mira Portal. An optional display name may be entered which is useful if you have multiple displays in a room.

For more information please contact our Sales Department at sales@aveosystems.com.

About Aveo Systems

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