CueB Installation

CueB Ports

DC IN:
9-18V @ 20 W power input.

A XLR Power supply is supplied upon shipping.

Service:
CueScript authorized repair center use only.

SDI & CV & SFP+ (Video Outputs):
All video ports: BNC & SFP+ connectors send identical straight-read video output. (Changing to mirror imaging for the prompter is done at the monitor.)

SDI (2 x BNC): Digital signal supported formats

- HD-SDI 720p50
- HD-SDI 720p59.94
- HD-SDI 1080i50
- HD-SDI 1080i59.94

CV (2 x BNC): Composite signal supported formats

- PAL@25Hz
- NTSC@29.97Hz

SFP+ (CueB V1.5 and V1.6): ST2110 uncompressed video over IP. Please note that SFP license add-on and SFP Encapsulator (sold separately) are required. SFP IP address configuration is achieved by managing SFP device directly (not from CueB interface).

- HD-SDI 720p50
- HD-SDI 720p59.94
- HD-SDI 1080i50
- HD-SDI 1080i59.94

Ethernet:
(CueB V1 & V1.5) Two RJ-45 Ethernet ports - Network connection / simple switch. Either port can be used as input or either port can be used as loop-through back to a computer or controller. Port is used for communication with computer running CueiT application.

(CueB V1.6) One RJ-45 Ethernet port – Network connection. Port is used for communication with computer running CueiT application.

USB A:
Allowing connection of USB keyboard to set up CueB Network configuration via on-screen menu or USB Mass Storage Device for logging purposes.

USB B:

USB Connection to computer for prompting via Virtual Network Adapter (RNDIS).

CAN Bus:

(CueB V1 only) BNC connector for controllers connected directly to CueB via 75 Ohm coaxial cable.
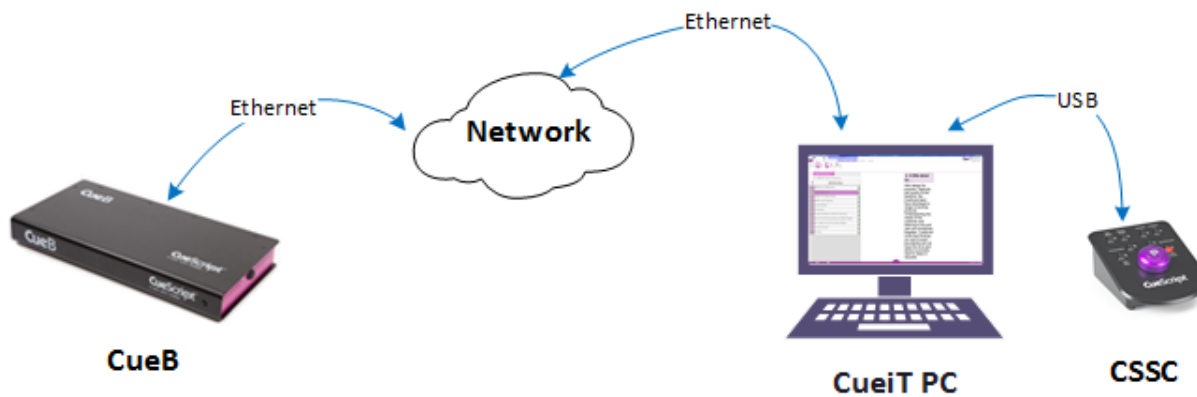
Setup Diagram:

Standard CUEB Connected to Studio Network:

This is a simple setup with a standard CueB and CSSC package in a studio environment. The CueB can sit anywhere in the studio environment, and will automatically search for CueiT software over the network.

The CueB is default DHCP, and will display its IP address and MAC address on the default video output when prompt is off. (To set a static IP address, please see below).

(For further setup configuration ideas please see the end of this document.)

CueB Settings

Within CueiT software under the "Prompt" tab the following settings are available in CueiT software:

Prompt To

Drop down menu will display all active CueBs on network. Checked CueBs will be controlled by CueiT, uncheck CueBs will not be controlled by CueiT. To allow CueiT to connect to any new CueB select *"Automatically Prompt To New Prompters"*, uncheck to disable automatic connection.

Add

Manually add a prompter   ✕

Enter the IP address or Hostname of your prompter and Cue iT will attempt to manually connect to it.

IP/Hostname:

OK   Cancel

To add any CueB not automatically recognized by CueiT, but who is active on the network. Enter the IP address. If the CueB is found it will automatically be added as a prompter. If not please check the network connection between the CueiT computer and the CueB.

Settings

Edit prompter settings for ▭▭▭▭ **[FW: 2.8.7]**   ✕

Friendly Name (only numbers, letters, and spaces):
CueB

IP CONFIGURATION
☑ Use DHCP
IP Address:

Subnet Mask:

Gateway IP:

VIDEO CONFIGURATION
Output Format
HD-SDI: 720p50 & Composite: PAL@25Hz ▼
2110 Video Option *Licensed*
Disabled   ▼

NETWORK BEHAVIOR
☑ Use Broadcast Messages
Cue iT IP Addresses to send to:
0.0.0.0

CUETALK CLOUD CONFIGURATION [CUEB1]
CueTALK Cloud Config File (.ovpn / .conf)
Choose file No file chosen
Upload   Clear Configuration

Forget Prompter   Update License   Update Firmware   Reboot   OK   Cancel

Friendly Name: Edit the friendly name to display on CueB output.

IP Configuration: Enter Static IP mode with "Use DHCP" unchecked. Complete the IP Address, Subnet Mask and Gateway IP to use the CueB on your network.

Network Behavior: Specify up to 5 IP address of PC's running CueiT with "Use Broadcast Messages" unchecked for automatic CueB discovery.

Video Configuration:
- **Output Format:** Set required video output format for SDI/SFP+ and Composite BNC outputs.
- **2110 Video Option** (add-on license required): Enable or Disable SFP+ port.

CueTALK Cloud Configuration: Upload CueTALK Cloud configuration file or clear configuration from the device.

Setting a Static IP Address:

To apply static IP address to our devices you need to edit the configurations. This is done in the following way:

1. **Via CueiT Software and DHCP Network** - Edit the Configuration settings found under Prompt Tab – Prompters Section – Settings drop-down – select the CueB connected to edit.
   - ➢ If you're CueB and CueiT can connect over a DHCP network temporarily, the settings will keep once applied and brought to the network that requires a static IP address.
   - ➢ If you are applying a static IP address through your network management, the MAC address is displayed on the default CueB output screen.

2. **Via CueiT Software and direct USB connection** - The second option is to connect the CueB via USB to input the settings only, the steps are:
   - Unplug the CueB from power.
   - Plug in ONLY a USB cable from USB B port on the CueB to a USB on the CueiT computer.
   - Re-plug power to the CueB.
   - Let the CueB start and drivers install (this can take 1-4 minutes). The driver should install as a "Remote NDIS based Internet Sharing Device". If CueB is recognized as "USB Serial COM" device, please refer to "CueB USB Driver Installation" guide.
   - Once installed CueiT should display "Connected to CueB" in the bottom left corner.
   - Follow the Edit Configuration from above.
   - Disconnect from USB and reconnect on the desired network.

3. **Via on-screen menu and USB keyboard**:
   - Power down CueB
   - Connect monitor to one of CueB video outputs (Composite or HD-SDI)
   - Connect USB keyboard to one of two USB A ports
   - Power up CueB and wait until it's fully operational (30-40 seconds)
   - Press F2 key on keyboard – this should bring IP configuration menu
   - Set up desired IP configuration using arrow keys and Enter key to edit fields
   - Navigate to "Save Settings" and press Enter

Additional CueB Configurations:

Remote Location with USB

For simple remote location setup CueB can be connected directly to the CueiT PC via USB.

REV: 2.8.x