

Setting a static IP on a B&K Device

When controlling a B&K device via a network TCP/IP connection, it is recommended that a “Static IP” is set within the B&K. The first step to doing this is downloading the latest version of the B&K Tool Suite from our website. Latest version of the Suite is 3.9.0.76. The B&K Tool Suite includes the application “Multi Zone and Theater Quick Tools”. This is the application used to set network properties on a B&K device.

When setting a static IP, it is necessary that both the B&K device and your PC are connected to the network that the IP is being set on. B&K doesn’t recommend setting static IP addresses while not connected to a network. Follow the below steps to set the static address:

1. With the PC and the B&K device connected to the same network, open the Multi Zone and Theater Quick Tools application. Click the “Ethernet Properties” button. This will display the “TCP Client” window. Click “Scan”. This sends a beacon out over the network to identify any B&K device connected. You may have to click “Refresh” and “Scan” more than once to identify the B&K device.
2. Available B&K devices on the network shall be displayed in the window under the “Scan” button. Typically, the unit will be identified by its IP address, followed by its serial number. Click on the B&K device you wish to set the static IP on, and then click the “Connect” button, located to the left of the window. Minimize the “TCP Client” window.
3. At the bottom left of the Quick Tools main screen are the functions to set the static IP. Set your IP address, subnet mask, gateway, DNS 1 and 2. Once set, click the “Set Static IP” button. You shall see a popup window similar to the following:



4. Once verifying the correct network properties, click the “Yes” button. Next, close and restart the Quick Tools application. After about 30 seconds, perform a main AC reboot of the B&K device (toggle the main AC power switch on the front faceplate).
5. With the restarted Quick Tools application, click the “Ethernet Properties” button again. This will display the “TCP Client” window. Click “Scan”, and the B&K device with the static IP shall reappear in the network window. Select this device and click “Connect”. Minimize the “TCP Client” window.
6. Finally, click the “Backup Memory” button. This will preserve the static network settings in B&K flash memory. Close the Quick Tools application, and happy networking!