Bose ControlSpace ESP-880 Module Setup Guide

About:

The Bose® ControlSpace® ESP-880 engineered sound processor is an open-architecture DSP with 8x8 fixed analog audio, built-in 8-channel ESPLink output and a rear-panel digital expansion slot offering IP-based network audio and control card options. This model meets today's strict requirements for high-quality signal processing and control in a cost-effective package. The ESP-880 is designed for a wide variety of applications ranging from small self-contained projects to larger networked applications. Partnered with Compass Control® Pro users gain the ultimate control experience.

Setup Communication:

The ESP-880 is controlled over TCP-IP on port 10055.

Setup in Compass Navigator:

In Zone Construction, please drag and drop the ESP-880 into the tree. Then under the "Project Variables" folder find the variable called "*Bose Input Names*." The default values are the same as those found in the Bose ControlSpace software. Input 1 is named "Input 1", input 2 = "Input 2", input 3 = "Input 3", and so on. Change if different from the default values. Then find the variable called "*Bose Output Names*." The default values are the same as those found in the Bose ControlSpace software. Output 1 is named "Output 1", output 2 = "Output 2", output 3 = "Output 3", and so on. Finally, find the variable called, "Bose_Mix_Name." The default value is the same as found in the Bose ControlSpace software which is "StdMixer 1." Change if different from the default value. Enter the IP address for the unit under device properties. DO NOT CHANGE THE PORT.

Setup Complete:

Upload and update project for use.

Compass Control® Pro Offers:

- Bi-directional Feedba*ck*
  - Mix Level, Mix Selection, Mix Mute Control
  - Input Level, Mute, Phantom Control
  - Output Level, Mute, Polarity Control

All variables must be set correctly for the module to function properly. If mixer controls are not used or necessary, leave the "Bose_Mix_Name" value empty to prevent access to the mixer controls