

TI 316.1
QSC Q-SYS Plug-in for
d&b DS100 Signal Engine
1.1 en

1. Introduction

The d&b Q-SYS Plug-in allows the control and monitoring of a number of functions of the d&b DS100 Signal Engine from within the QSC Q-SYS framework using the OCA protocol (AES70).

Requirements

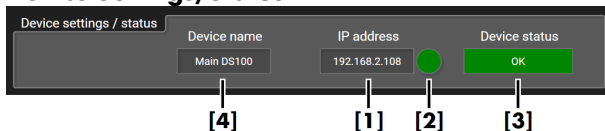
- d&b DS100 Signal Engine with Firmware V1.12.0 or higher.
- QSC Q-SYS system and Q-SYS Designer V8.3.00 or higher.
- Plug-in-«qplug» file, which can be downloaded from the d&b website.

2. Getting Started

- 1 Ensure Q-SYS Designer V8.3.00 or higher is installed on your system.
- 2 Double-click the provided Q-SYS «.qplug» Plug-in file to install it.
- 3 Start Q-SYS Designer.
- 4 The d&b DS100 Plug-in can now be found in the «Plugins» panel on the right side.
- 5 Drag and drop the Plug-in onto your project.
- 6 By selecting the Plug-in module, a set of configuration options and control pins will become available in the Q SYS «Properties» menu. Configure the features which you want to control or supervise.
- 7 Enable «Event Logging» to allow your QSC Core to keep track of any errors affecting the Plug-in itself, such as device disconnected or OCA communication errors.
- 8 Ensure the d&b DS100 Signal Engine is connected to the same Ethernet network as your QSC core and their IP addresses and subnet masks are compatible. You may need to set the device's IP mode to «Manual» using R1.
- 9 Use the «Emulate» or «Save to Core & Run» functions in Q-SYS Designer and double-click the Plug-in module to open its control interface.
- 10 Enter the IP address of the DS100 Signal Engine into the «IP address» field at the top of the Plug-in window. The «Online» LED will illuminate green to indicate that the connection to the device has been established successfully.

3. Plug-in details overview

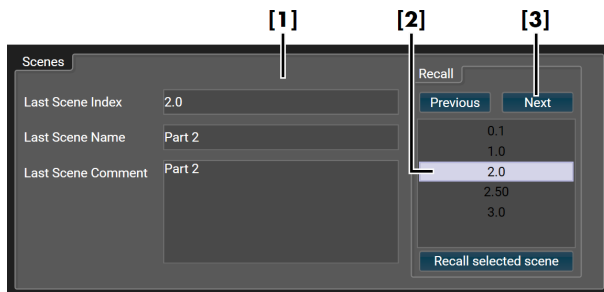
Device Settings/Status



- [1] Enter the IP address of the DS100 Signal Engine here.
- [2] The «Online» LED illuminates to indicate a successful network connection to the device.

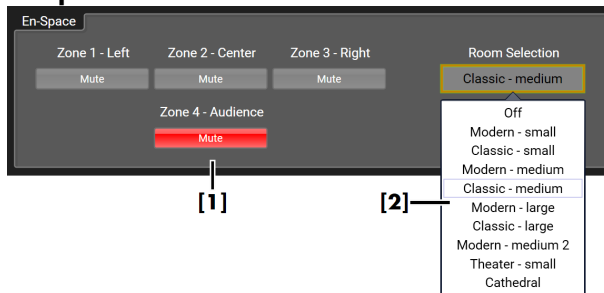
- [3] The device general status can be as follows:
«Initializing» during network connection.
«Fault» indicates an error in the device.
«OK» indicates normal status.
- [4] The name of the DS100 will be displayed here.

Scenes



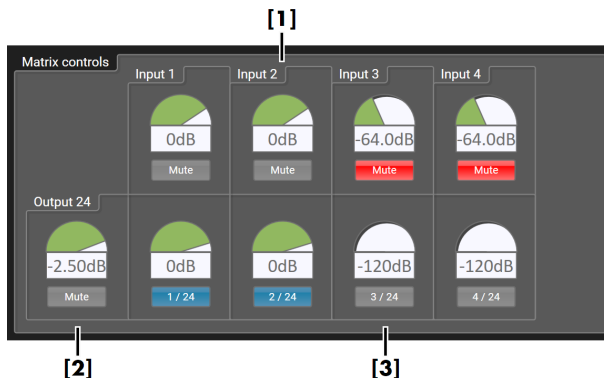
- [1] Information about the Scene last recalled will be displayed here.
- [2] All Scenes available on the device will be listed here. Any desired Scene can be selected from the list and then recalled using the «**Recall Selected**» button.
- [3] Previous and Next Scenes, relative to the Scene last recalled, can be recalled using the «**Previous**» and «**Next**» buttons.

En-Space



- [1] Mute controls for each of the four En-Space zones.
- [2] Sector for the active En-Space room.

Matrix controls



- [1] Mute and Gain controls for a customizable range of Matrix Inputs.
- [2] Mute and Gain controls for a customizable range of Matrix Outputs.
- [3] Mute and Gain controls for the corresponding Matrix Crosspoints.