

QSC Q-SYS Support for iKON Amplifiers

iKON firmware v1.592 includes support for control via Q-SYS.

Martin Audio iKON amplifiers can be added to the Q-SYS ecosystem within the Q-SYS Designer software.

Features can be controlled from the software, Q-SYS compatible UCIs and GPIO logic ports integrated into Q-SYS cores and peripherals.

Control Features:

- Gain
- Mutes
- Sleep
- Standby
- Alarm notifications
- Amplifier snapshot recall

Getting Started:

- 1. Download the Martin Audio Q-SYS plugin from our software page.
- 2. Copy the Martin_Audio_v1 QSys.qplug file into the following directory: This PC/Local Disk (C:)/Users/username/ Documents/QSC/Q-SYS Designer/Plugins
- 3. Open Q-SYS Designer, the plugin can be found in the 'Plugins' folder in the 'Schematic Elements' pane on the right-side of the page.





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- 4. Drag and drop it into your design.
- 5. Select the amplifier type from the drop-down menu in the properties section.

Properties		
IK Amplfier Properties		
Model	IK81 💌	
Button Styles	IK42	
Show Debug	IK81	
Graphic Properties		
Position	559,307	
Fill	1	

6. Control pins can be brought out into the design by ticking the check-boxes under the 'Control Pins' section as necessary.

Properties			
IK Amplfier Properties			
Model	IK42 💌		
Button Styles	Flat 💌		
Show Debug	No 🔻		
Graphic Properties			
Position	559,307		
Fill	1		
Control Pins			
▲ Inputs			
Gain 1			
Gain 2			
Gain 3			
Gain 4			
Mute 1			
Mute 2			
Mute 3			
Mute 4			
⊿ Out			
Mute 1			
Mute 2			
Mute 3			
Mute 4			
Alarm Worst			
Disable			
Sleep			
Standby			



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7. Double click on the plugin icon in the schematic. This brings up the device interface. Navigate to the configuration tab and enter the amplifiers IP address. *Note that static IP addresses are recommended for use with Q-SYS designs.*

IK_Amplfier V1 0		
IK_Amplfier V1.0		×
Controls Configurat	ion	
	AUDIO	Model : IK42
IP Address	10.11.2.116	Snapshot
Port	51456	
Connection Status	OK	1
Alarm / Worst	None	RECALL
Sleep	Sleep	
Standby	Standby	

- 8. The configuration tab allows the user to monitor the connection and alarm status of the device, send the amplifier to sleep or standby mode and recall a snapshot.
- 9. The controls tab allows the user to mute all inputs and outputs and edit input gain controls.

