



Integration Note

Manufacturer:	JBL
Model Number(s):	SA750
Core Module Version:	g! 8.6
Comments:	Driver version 1.0.4
Document Revision Date:	27/05/2021

OVERVIEW AND SUPPORTED FEATURES

The JBL SA750 is an intelligent integrated amplifier.

The Elan g! system communicates with the SA750 via ethernet only, with full two-way support for control and feedback.

THE FOLLOWING FEATURES ARE SUPPORTED BY THE JBL SA750:

- Discrete input/output selection.
- Network source (e.g. for Deezer).

THE FOLLOWING FEATURES ARE NOT SUPPORTED BY THE JBL SA750:

- Discovery of devices.

Any feature not specifically noted as supported should be assumed to be unsupported.
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JBL CONFIGURATION

It is recommended that the SA750 is installed and configured by a suitably qualified engineer, prior to integration with this driver. To avoid the possibility of communication problems, the amplifier should be configured with a static IP address (rather than using DHCP).

g! CONFIGURATION

The release package contains the *JBL_SA750.EDRVC* driver file which is a communications device that automatically creates an amplifier and net source subdrivers upon installation.

It is recommended that you follow the below installation process to ensure you are running the latest version of the driver.

1. Obtain the latest version of the driver, as described above, and ensure you know the location of the extracted EDRVC driver file on your computer's hard drive.
2. Right click on the **Zone Controllers** heading and select **Add New Zone Controller**.
3. From the **Add New Zone Controller** window, choose **Search Folder** and navigate to your driver location, before clicking **OK**.

The upgrade location is now set.

4. Click **Cancel** from the **Add New Zone Controller** dialog.
5. Right click on the **Communication Devices** heading and select **Add New Communication Device**.
6. Select the **JBL_SA750** driver and click **OK**.

The communication device will be installed, and will automatically add an JBL_SA750Amp and JBL_SA750NetPlayer source drivers.

7. Enter the IP address of the device to connect to in the communication device.

Please note that in the configurator settings for the communication device (JBL_SA750) there are **max volume**, **max turn on volume** and **max stream volume** configuration parameters. These can be edited to change the corresponding values on the SA750 device. The volume slider in elan g! user interfaces automatically scales the volume between 0 and the maximum volume.

SUPPORTED EVENT MAP COMMANDS

The following event map commands can be accessed from **Audio Zone Controller > JBLSA750Amp > Execute Function**

RoomEQ1On – select room EQ 1
RoomEQ2On – select room EQ 2
RoomEQ3On – select room EQ 3
RoomEQ4On – select room EQ 4
RoomEQ5On – select room EQ 5
RoomEQ6On – select room EQ 6
RoomEQOff – select room EQ off
DirectModeOn – turn on direct mode
DirectModeOff – turn off direct mode
DisableAutoShutdown – Unit will not automatically go into standby
Autoshutdown20min – Unit will automatically go into standby after 20 min no signal
AutoShutdown30min – Unit will automatically go into standby after 30 min no signal
AutoShutdown1hour – Unit will automatically go into standby after 1 hour no signal
AutoShutdown2hours – Unit will automatically go into standby after 2 hours no signal
DACLinearPhaseFastRollOff – Set DAC filter to Linear Phase Fast Roll Off
DACLinearPhaseSlowRollOff – Set DAC filter to Linear Phase Slow Roll Off
DACMinimumPhaseFastRollOff – Set DAC filter to Minimum Phase Fast Roll Off
DACMinimumPhaseSlowRollOff – Set DAC filter to Minimum Phase Slow Roll Off
DACBrickWall – Set DAC filter to Minimum Phase Slow Roll Off
DACCorrectedPhaseFastRollOff – Set DAC filter to Corrected Phase Fast Roll Off
DACApodizing – Set DAC filter to Apodizing
DisplayBrightnessOff – Set brightness to off
DisplayBrightnessDim – Set brightness to dim
DisplayBrightnessFull – Set brightness to full
AnalogDirectMode – Toggle analog direct mode on/off

COMMON MISTAKES

1. Ensure the IP address is entered correctly, and the latest version of the driver is installed.