

AXIS

System Upgrade Instructions



OVERVIEW

You have an **AXIS System**! In order to enjoy your new **Mixing system**, you may need to update the firmware on some of the components. The following instructions outline this process. For even more detailed instructions, see the **DCI6 Reference Guide**.

Perform this process as soon as possible and well before any important demo or event. In no time, you'll be up and mixing with **AXIS**.

You will need:

- **DL32R**
- **DL Dante Card**
- **DCI6**
- **iPad running iOS8 or newer**
- **WiFi Router**
- **2x Cat5e or better Ethernet Cables**
- **USB to Lightning Cable**

1. Backup:

- 1.1 Backup any existing shows or presets in your current version of Master Fader.

System backup is found under

Tools (Gear Icon)>Settings>System Backup

Email them to yourself or save them to a file sharing service like dropbox

2. Install Master Fader on your iPad from The App Store:

- 2.1 Launch the App Store on your iPad
- 2.2 Search for "Master Fader"
- 2.3 Install Master Fader 4.5. If a newer version of Master Fader is present, install that instead.

3. DL32R Hookup:

- 3.1 Install the DL Dante card into the DL32R option card slot, if not already completed.

See included instructions titled:

"Dante_Installation_Instructions.pdf"

- 3.2 Connect the WiFi Router to the WiFi port on the DL32R. Use one of the Cat5e or better Ethernet Cables.

4. Upgrade the Dante Card:

- 4.1 Power ON the DL32R.
Flip the switch!
- 4.2 Upgrade the DL Dante card to the latest Dante firmware v1.0.1.11

See the included instructions titled:

"DL32R Dante Firmware Update.pdf"

5. Upgrade the DL32R:

- 5.1 Connect your iPad to the DL32R WiFi Router wireless network.
- 5.2 Launch Master Fader and connect to the DL32R
Press the Tools (Gear Icon) button and select the Devices tab. Press the button to connect to the Wireless DL32R.
- 5.3 When prompted in Master Fader to upgrade the DL32R, select "Yes Update".

This update will take up to 15 minutes. It is complete when the Master Fader "Updating Firmware on your DL32R" prompt disappears, and connects to the DL32R showing a green dot in the Master Fader Tools (gear) icon.
- 5.4 After the DL32R update is complete, power OFF the DL32R.

Don't skip this step.

6. Upgrade the DC16:

- 6.1 Power ON the DC16.
- 6.2 Connect the iPad to the DC16 Wired USB control port.
Use the USB to Lightning cable.
- 6.3 When prompted in Master Fader to upgrade the DC16, select "Yes Update".

This will take about 15 minutes.

This update has multiple phases and the DC16 may power cycle

The update is complete when all of the following items occur:
 - The Master Fader "Updating Firmware on your DC16" prompt disappears, then...
 - Master Fader connects to the DC16 and shows a green dot in the Master Fader Tools (gear) icon and...
 - The DC16 displays no longer say "upgrading" and...
 - The DC16 Channel 1 display says "Connected To Unassigned Change?"
- 6.4 After the DC16 upgrade is complete, power OFF the DC16.

7. Connect the DL32R and DC16 to form AXIS:

- 7.1 Connect a DC16 Dante port to a DL32R Dante port.
Use the other Cat5e or better Ethernet cable.
- 7.2 Power ON the DL32R.
- 7.3 Power ON the DC16.
- 7.4 Use the DC16 Screens and encoders to connect to the DL32R

The DC16 screens will show a list of DL32Rs to connect to. In this case, just one DL32R will be shown. Press the encoder under it.

The DC16 screens will show a list of the 4 DL32R "slots" to connect to. Press the encoder under "Slot 1, FOH".

The DC16 ask you to Auto Route Dante Yes or No. Press the encoder under "YES".

The DC16 should now pull the show from the DL32R and synchronize and come alive giving you complete control over the DL32R.

Note: This connection process is described in detail in the DC16 Owners Manual.

8. Mix some awesome shows with AXIS!