

## RDM PROXY ON ELC NODES

An external RDM controller can be used to send RDM to a DMX input port on an ELC NodeGBx. The NodeGBx system will communicate with RDM devices on multiple DMX outputs on multiple nodes.

This makes it possible to connect for example a ROBE RoboSpot system to a DMX input, thereby linking the controlled spots and cameras on multiple different node outputs without the need to run a lot of extra DMX cables

### Requirements

Node8GBx :	firmware 1.28 or higher - DMX in and out
SwitchGBx and slave:	firmware 1.28 or higher - DMX out only
ShowstoreGBx	firmware 1.15 or higher - DMX out only
Node 8S/Gb, Node 6x, Node 3, Buddy:	firmware 2.50 or higher - DMX out only

### Functions

One Node8GBx input port can proxy the following:

- A maximum of 8 output ports on any amount of nodes
- A maximum of 16 RDM devices are controlled by proxy on one DMX input

### Setup

A DMX input will automatically detect up to 8 DMX ports on the network with the same Primary universe. RDM discovery on the input – started by an external RDM controller – will automatically trigger RDM discovery on the output ports. The port will then proxy all communication between the external RDM controller and the discovered devices

### Diagnostics

Each DMX input port has RDM diagnostics and control available in the RDM menu.

The RDM menu gives an overview of connected ports and discovered devices and allows the user to force a full discovery on all or one of the connected output ports.