| Type: | LPC 1 | LPC 2 | LPC 4 |
|---|---|---|---|
| 1:DMX 1 | ≤ 512 channels | ≤ 512 channels | ≤ 512 channels |
| 1:DMX 2 | Clone to DMX1 | ≤ 512 channels | ≤ 512 channels |
| eDMX | ≤ 512 channels | ≤ 1,024 channels | ≤ 2,048 channels |
| **Total** | **≤ 512 channels** | **≤ 1,024 channels** | **≤ 2,048 channels** |
| Type: | VLC+__(__=50,100,250,500,1000,1500) (e.g. VLC 100) | | |
| eDMX | ≤ __*512 (e.g. 51,200 channels) (DMX via eDMX Nodes) | | |
| **Total** | **≤ __*512 (e.g. 51,200 channels)** | | |

**Note:** The VLC+ channels are used to control a single composition of fixtures. The DVI-D input is local to the VLC+ channels.
The LPC can control its channels with complete freedom. The VLC+ and LPC can be programmed and triggered in the same project. A VLC+ can create sufficient traffic to fill a GB network. This setup works for smaller VLC+ only.

To additional data network

RS232    DVI-D IN

**VLC+**

DVI OUT    Audio out

Mains
(100-240V AC)

2x DMX/RDM

MIDI    Serial

**LPC**

Inputs

Mains
(100-240V AC)

Ethernet switch
**with PoE port(s)**
(Supplied by 3rds)

To computer
(for commissioning only)

*eDMX luminaires /
eDMX nodes*

Scaling and
integration
Pharos Cloud
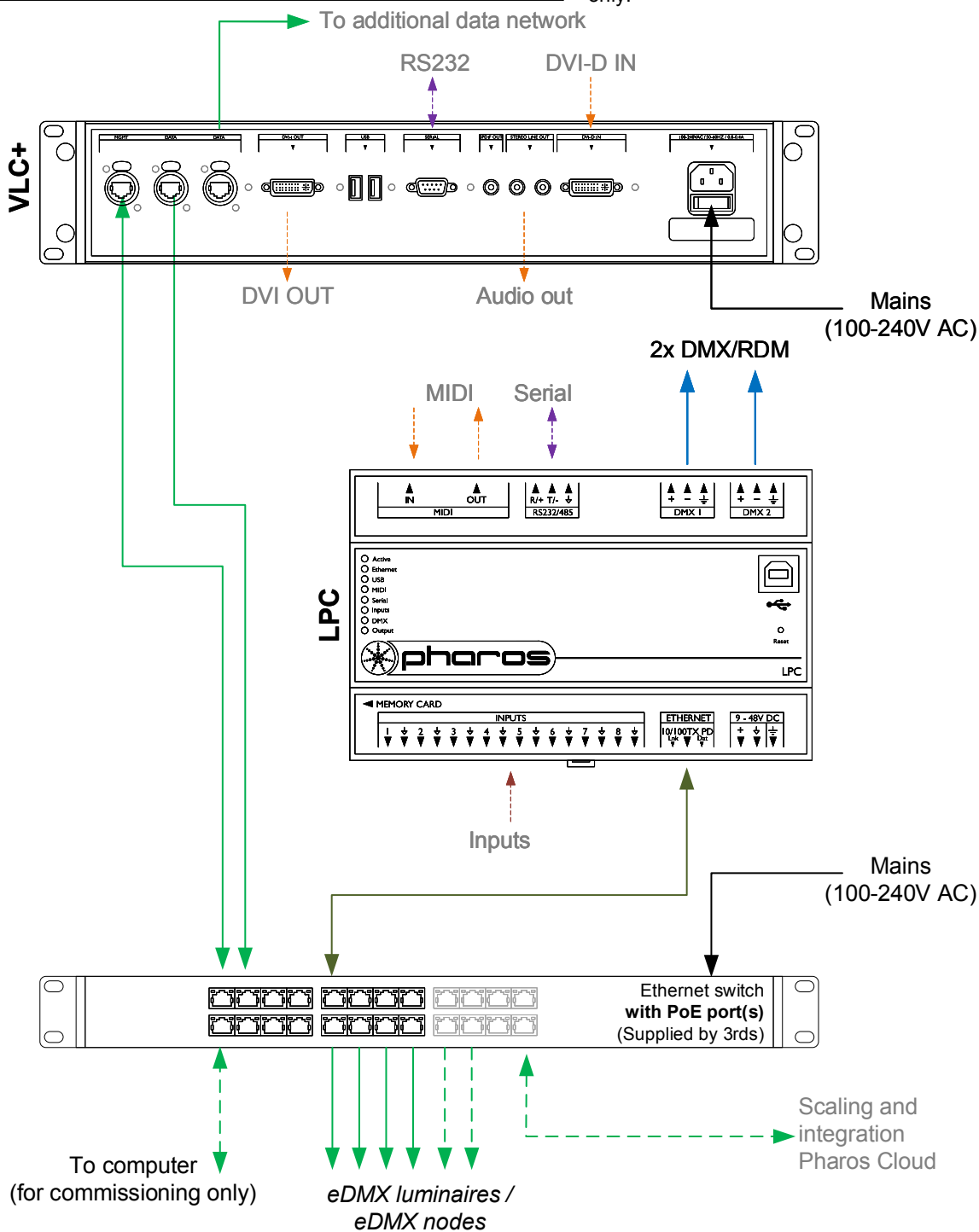
- *Consult the **Installation Guide** for technical details*
- *See **General Notes.pdf** for information on cabling types*
- ***More configurations** are possible to fulfil any project*
- *Contact your supplier or visit our website for support*

**pharos**

pharoscontrols.com

| Reference: 2114 | Name: LPC & VLC+ (single PoE network) | | |
|---|---|---|---|
| Size: A4 | Date: | Rev: | Notes: |
| | 17/09/2018 | V 1.0 | Setup |
| Page: | 21/01/2019 | V 1.2 | Minor adjustments |
| | 27/05/2021 | V 1.3 | Minor adjustments |