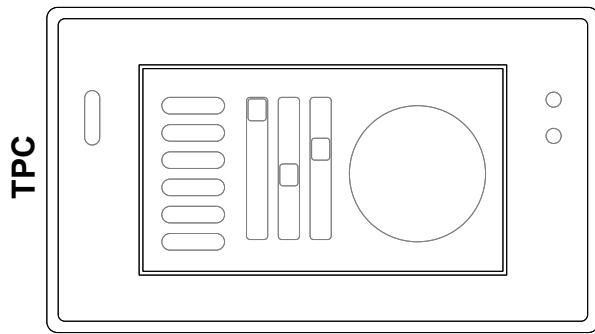


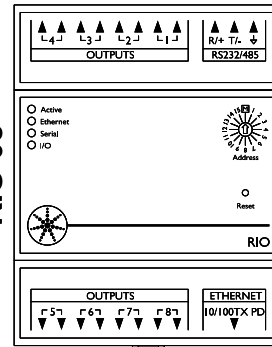
<b>Type:</b>	<b>TPC + EXT</b>
DMX	≤ 512 channels
eDMX	≤ 512 channels
RIODMX	≤ 96 channels
<b>Total</b>	<b>≤ 512 channels</b>
<b>DALI</b>	<b>1 DALI bus (max 64 devices)</b>

<b>Type:</b>	<b>Inputs</b>	<b>Outputs</b>	<b>Serial Port</b>
RIO 80	8	0	Yes
RIO 44	4	4	Yes
RIO 08	0	8	Yes



or DMX out (≤ 96 channels) or RS232 or RS485

Outputs

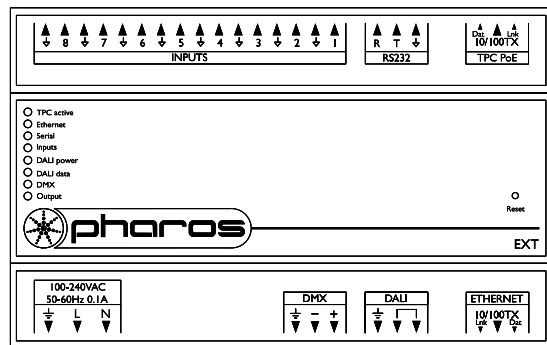


Outputs

Cat5e cable with RJ45 plugs  
Max 100m, direct link required. (by 3rds)

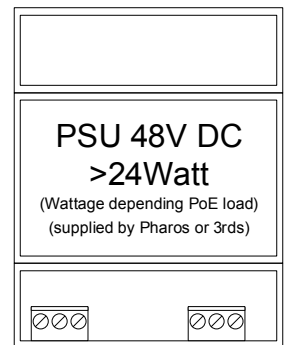
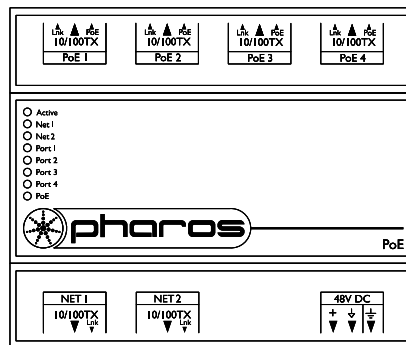
Inputs

RS232



EXT

POE



PSU 48V DC  
>24Watt

(Wattage depending PoE load)  
(supplied by Pharos or 3rds)

Mains (100-240V AC)  
10 Watt

DALI

DMX/RDM

To computer  
(for commissioning only)  
Optional to Pharos Cloud /  
Integration / Scaling

Mains (100-240V AC)

**note:** Actual power  
consumption dependent  
on PoE port loading

- 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



pharoscontrols.com

Reference:  
1305

Size:  
A4

Page:

Name:  
TPC - EXT - RIO 08

Date:	Rev:	Notes:
27/09/2017	V 1.0	Setup
17/09/2018	V 1.1	Minor adjustments
21/01/2019	V 1.2	Minor adjustments
27/05/2021	V 1.3	Minor adjustments