

XD



SX40

# TESSERA series

ideal for

Rentals and high-end production

summary

There are four controllers in the TESSERA series: the **SX40**, **S8**, **S4** and **T1**. These are designed to meet a wide range of projects, but always delivering **world-class quality and superb reliability**, backed by 24/7 support.

TESSERA SX40 offers support for **full 4K screens at 60Hz with 12 bits per color** output. It supports a **zero-latency up/down scaler** that matches the source to the screen as well as all of TESSERA'S industry-leading processing features. These include **HDR** and **Dynamic Calibration** as well as **Extended Bit Depth**, **HFR+** (High Frame Rate), **Frame Remapping**, and more. Additionally, stacking can be used to **control multiple SX40 processors as one**.

Used in combination with the **TESSERA XD Distribution unit**, the SX40 provides a cost-effective and powerful system for supporting the biggest and boldest LED projects.

inputs



HDMI



DVI



SDI



IP

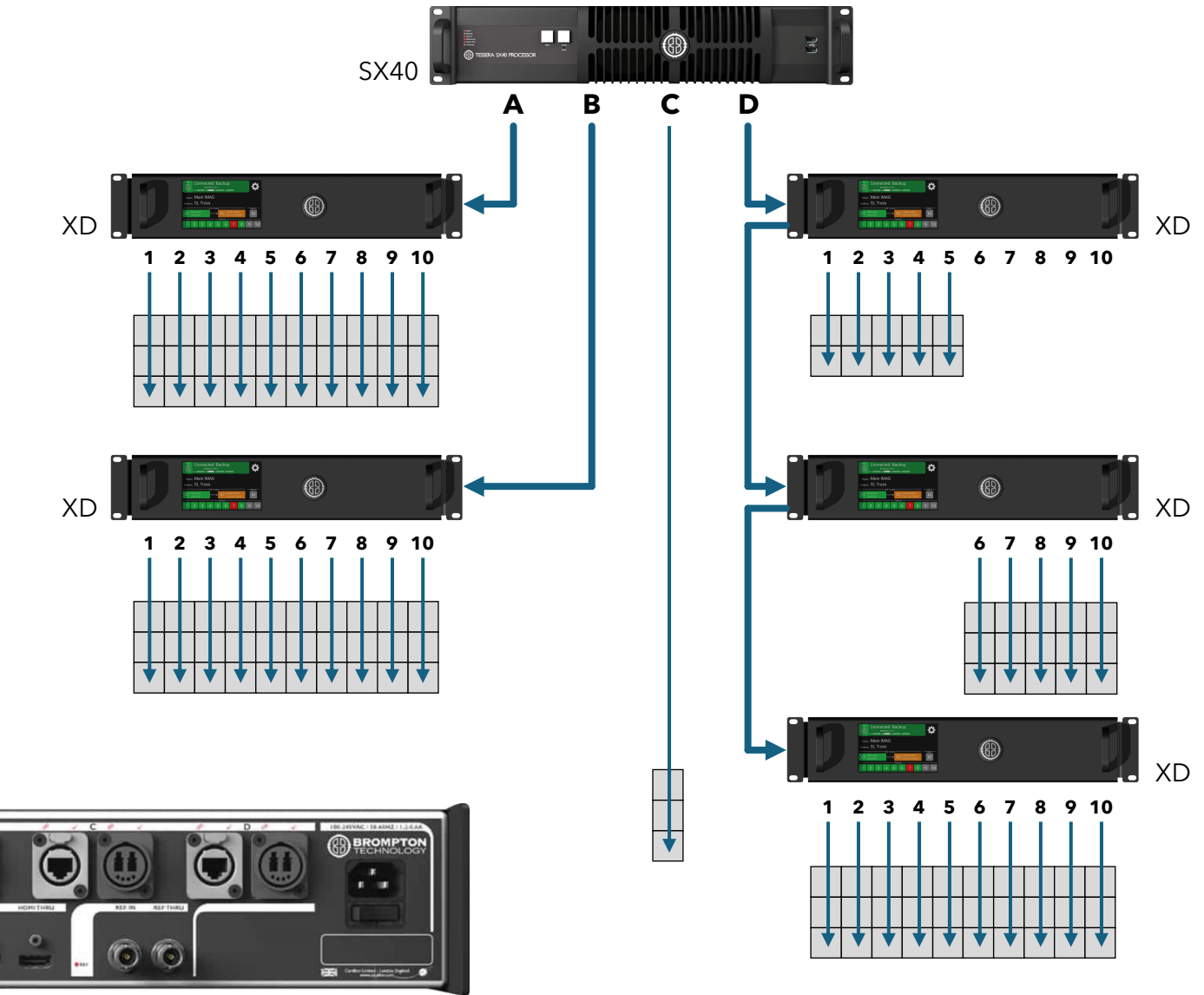
SX40



XD



# Intelligent processing distribution



The SX40 has four (4) 10G output ports which can be used to send source and data to XD distribution units, or to directly support panels.

Configure a complete infrastructure of support for any project by combining the SX40 with the XD Distribution Unit.



SX40



XD

| model             | <b>SX40</b>                                |                | <b>XD</b>             |                 |
|-------------------|--|----------------|-----------------------|-----------------|
| category          | 4K   |                | 10 - 1G RJ45          |                 |
| output ports      | 4 - 10G to XD                              |                | 10 - 1G RJ45          |                 |
| loading capacity  | 9 million pixels                           |                | 5.2 million pixels    |                 |
| input ports       | 1 - 12G-SDI<br>1 - HDMI (2.0)<br>1 - Fiber |                | Handled by SX40       |                 |
| scaling           | Yes  |                | Handled by SX40       |                 |
| image rotation    | 90°/180°/270° Only                         |                | Handled by SX40       |                 |
| genlock           | Yes  |                | Handled by SX40       |                 |
| dimensions        | RACK                                       | 2RU            | RACK                  | 2RU             |
|                   | WIDTH                                      | 482.6mm (19in) | WIDTH                 | 482.6mm (19in)  |
|                   | DEPTH                                      | 406.4mm (16in) | DEPTH                 | 209.6mm (8.3in) |
|                   | HEIGHT                                     | 88.9mm (3.5in) | HEIGHT                | 88.5mm (3.5in)  |
| weight            | 7.5kg (16.5lbs)                            |                | 3.7kg (8.2lbs)        |                 |
| operating voltage | 100-240V AC, 50/60 Hz                      |                | 100-240V AC, 50/60 Hz |                 |
| certifications    | CE, ETL/cETL                               |                | CE, ETL/cETL          |                 |



T1



S4



S8

| model             | <b>T1</b>             |                  | <b>S4</b>             |                  | <b>S8</b>                     |                |
|-------------------|-----------------------|------------------|-----------------------|------------------|-------------------------------|----------------|
| category          | 2K                    |                  | 2K                    |                  | 4K                            |                |
| output ports      | 1 - 1G RJ45           |                  | 4 - 1G RJ45           |                  | 8 - 1G RJ45                   |                |
| loading capacity  | 0.5 million pixels    |                  | 2.1 million pixels    |                  | 4.5 million pixels            |                |
| input ports       | 1 - DVI-D             |                  | 1 - DVI-D             |                  | 1 - 12G-SDI<br>1 - HDMI (2.0) |                |
| scaling           | Yes                   |                  | No                    |                  | Yes                           |                |
| image rotation    | Any degree            |                  | 90°/180°/270° Only    |                  | 90°/180°/270° Only            |                |
| genlock           | Yes                   |                  | Yes                   |                  | Yes                           |                |
| dimensions        | RACK                  | 1RU              | RACK                  | 1RU              | RACK                          | 2RU            |
|                   | WIDTH                 | 482.6mm (19in)   | WIDTH                 | 482.6mm (19in)   | WIDTH                         | 482.6mm (19in) |
|                   | DEPTH                 | 342.9mm (13.5in) | DEPTH                 | 342.9mm (13.5in) | DEPTH                         | 406.4mm (16in) |
|                   | HEIGHT                | 44.5mm (1.75in)  | HEIGHT                | 44.5mm (1.75in)  | HEIGHT                        | 88.9mm (3.5in) |
| weight            | 3.1kg (6.8lbs)        |                  | 3.1kg (6.8lbs)        |                  | 7.5kg (16.5lbs)               |                |
| operating voltage | 100-240V AC, 50/60 Hz |                  | 100-240V AC, 50/60 Hz |                  | 100-240V AC, 50/60 Hz         |                |
| certifications    | CE, ETL/cETL          |                  | CE, ETL/cETL          |                  | CE, ETL/cETL                  |                |