XD

SX40

BROMPTON TECHNOLOGY

1G

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.
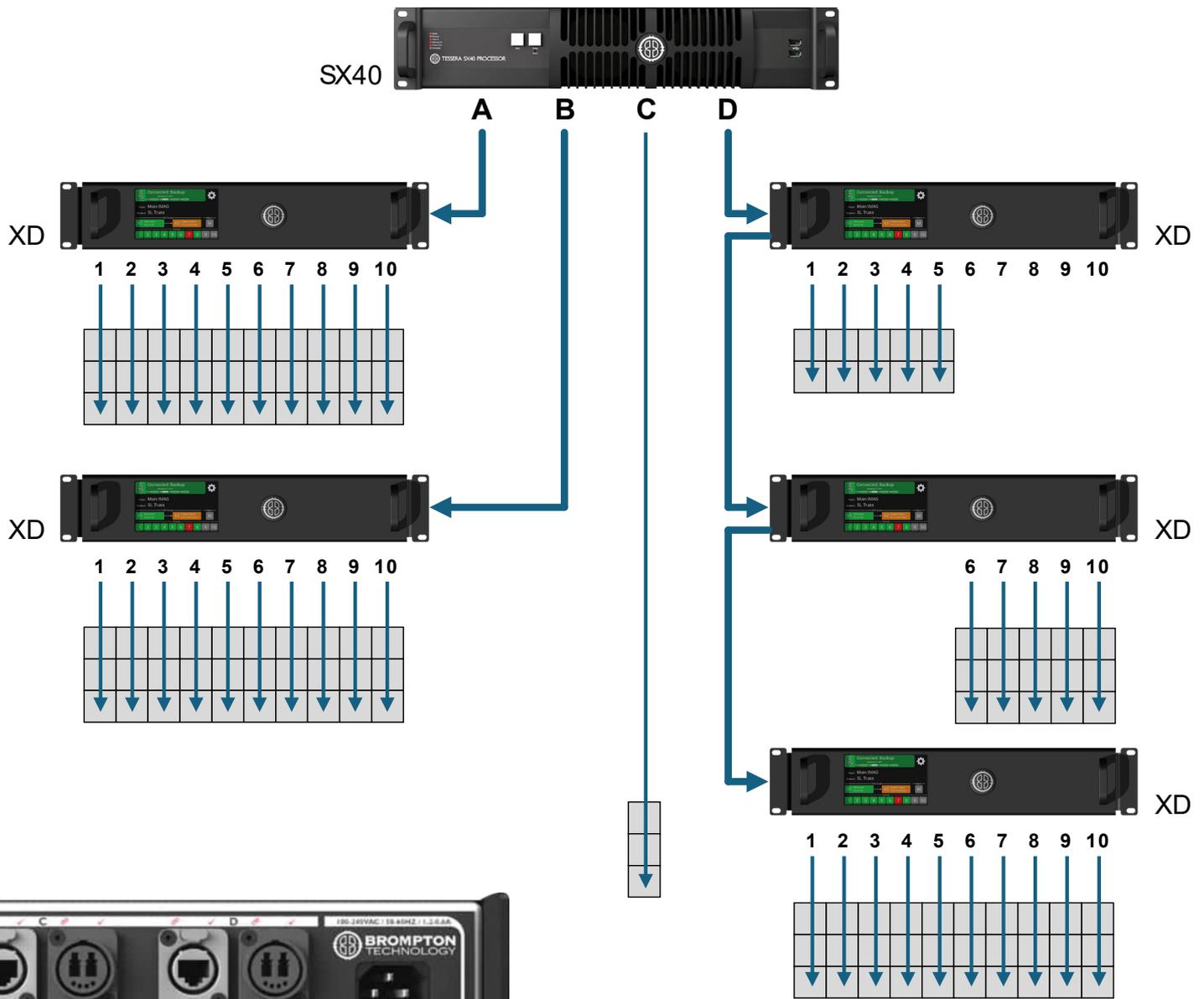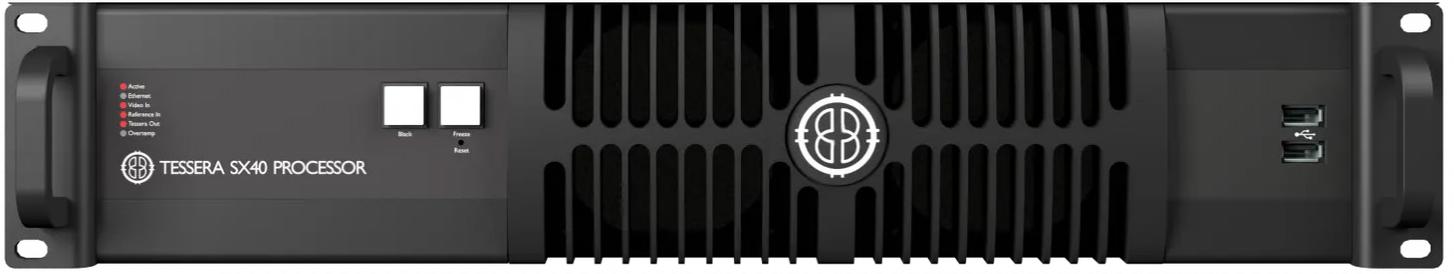
inputs

HDMI   DVI

SDI   IP

SX40

XD

Intelligent processing and distribution

SX40

A B C D

XD

1 2 3 4 5 6 7 8 9 10

XD

1 2 3 4 5 6 7 8 9 10

XD

1 2 3 4 5

XD

6 7 8 9 10

XD

1 2 3 4 5 6 7 8 9 10

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	**SX40**	**XD**
category	4K	
output ports	4 - 10G to XD	10 - 1G RJ45
loading capacity	9 million pixels	5.2 million pixels
input ports	1 - 12G-SDI 1 - HDMI (2.0) 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	**T1**	**S4**	**S8**
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 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 342.9mmm (13.5in)	DEPTH 342.9mmm (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