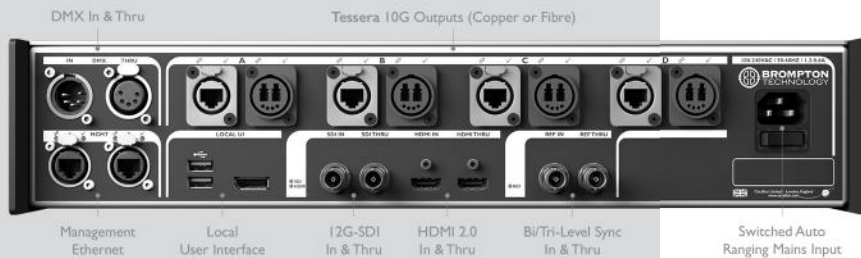




TESSERA SX40 | REAR



BROMPTON SX40

Tessera SX40 LED Processor
Big, Bright, Bold Projects.

MEASUREMENTS

431.8mm x 88.9mm x 508.0mm
Rear width: 482.6mm

WEIGHT

7.50Kg

ELECTRICAL

Switched autoranging power supply
100 - 240V AC
50Hz - 60Hz
1.2 - 0.6A

HDMI 2.0 INPUT & RE-CLOCKED THRU PORT

1 x HDMI 2.0 input
Full 18Gbps HDMI 2.0 bandwidth, maximum 600MHz pixel clock
Up to 4096 x 2160 resolution (progressive only)
23.98Hz to 60Hz framerate
8, 10 and 12 bits per channel colour depths
RGB and YCbCr 4:4:4, 4:2:2 and 4:2:0
Compatible with DVI-D and Displayport sources via adapters

SDI INPUT & RE-CLOCKED THRU PORT

1 x 12G SDI input that supports the following:
-HD-SDI - ST-292
-3G-SDI - ST-424, Level A and Level B-DL
-6G-SDI - ST-2081
-12G-SDI - ST-2082, 2SI format
Up to 4096 x 2160 resolution (progressive only)
23.98Hz to 60Hz framerate
10 bits per channel colour depth
YCbCr 4:2:2

OUTPUTS

Four 10GBASE-T copper output ports
Supports nominally 9 million pixels at 36 bits per pixel @ 60Hz
Supports Neutrik etherCON Cat 6A / etherCON (CAT5e) connectors
Compatible with standard Cat6A / Cat5e RJ45 connectors
Requires Cat6A cable (up to 60m) or Cat5e cable (upto 30m)
4 x 10GBASE-LR Tessera XD fibre output ports
Supports Neutrik optoCON DUO / DUO ARMORED / DUO X-TREME /DUO LITE connectors
Compatible with standard LC-Duplex connectors
Requires 1310nm, 9/125um single-mode fibre (up to 2KM) with PC or UPC connectors
Each 10G output independently auto-switches between fibre and copper
Closed loop redundancy support
Processor redundancy support

GENLOCK

Bi-level and Tri-level sync
Sync to source
Processors genlock from source right through to panel refresh
Frame rates from 23.98 to 60Hz

LATENCY

2 frames end-to-end system latency (all features)

TESSERA MANAGEMENT SOFTWARE

Local management using monitor, keyboard and mouse connected directly to processor
Upto 3840 x 2160 local monitor resolution supported, minimum 1920 x 1080 recommended

TESSERA REMOTE

Available free for Windows PC and Mac OS
Remote management using Windows PC or MAC connected to processor via Ethernet network
Two Gigabit Ethernet management network ports

REMOTE CONTROL

Support for eDMX protocols:
-Art-Net, Streaming ACN
-DMX-512A on 5-pin XLR in and thru
-Tessera Control application for multi-processor control via management network ports

I/O

Two USB 2.0 ports on front
Two USB 3.0 ports on rear
One DisplayPort (DP++) monitor output supporting HDMI, DVI and VGA with adapter

FRONT PANEL

Six status LEDs
Power LED
Freeze button
Blackout button

WARRANTY

Two years

CERTIFICATIONS

CE, ETL/cETL

