



Studio Scan XTD 620 & 820R

Overview

Key Features

- ▶ Professional Genlock, pan, zoom, and multi-level anti-flicker
- ▶ LCD menu control form front panel
- ▶ State-of-the-art 16 million colour digital signal processing
- ▶ Composite (PAL and NTSC), S-video or RGsB/RGBS outputs
- ▶ Compatible with PC, Sun, Silicon Graphics, Intergraph, Power Mac, and XGA2
- ▶ Real time video
- ▶ Rackmountable

The Studio Scan XTD offers the ultimate in video quality combined with essential broadcast features such as Genlock and zoom. The 620 model ideally suits any application involving PC and Macintosh based sources. Adaptors are available for support for Sun, Silicon Graphics, Intergraph and NeXT computers. Order the 820R to get a versatile range of cables and adapters to ensure connections to sources mentioned above.

You can mix computer

graphics over a composite video source to get the same effect of title credits, this can be achieved by using the Genlock feature of the Scan XTD.

Both models feature a front panel LCD display ensuring easy setup for all systems without OS-dependent disc drivers.

The 620 comes as a desktop unit, and with the supplied brackets can be rackmounted. The 820R is a rackmount unit.

Remember! Black Box can provide trained professionals to install your product to ensure that it is set up properly and its performance is optimised. For further details, just ring 0118 965 5000 and ask for the installations team.

Specifications:

Genlock - Input: Black burst composite PAL/NTSC;

Output: Loophrough

User Controls - Power, Freeze, Zoom/Overscan, H Pos./Size, V Pos./Size, Recall/Store, Control, Exit Menu, Enter, Genlock Hi-Z/75 Ohm, RGB Hi-Z/75 Ohm, RGSB/ Component

Indicators - LCD Window, Power, Freeze, Store

Connectors - Inputs: HD15M (VGA), (BNC (genlock), DB9 F (R/C);

Outputs: HD15 F (VGA), BNC (genlock), BNC (PAL/NTSC), (4) BNC RGSB BNC (4:2:2); ACU820R also includes BNC (Luma Key), 4 pin mini DIN (S-video)

Power - 100-250 VAC, 10-60 Hz, internal

Size - ACU0620: 4.4Hx44Wx33D cm;

ACU0820R: 4.4Hx48Wx30D cm

Weight - 2.5kg



Studio Scan Converters

Features	Studio Scan XTD 620	Studio Scan XTD 820R
Resolution Support		
1600 x 1280	—	✓
1280 x 1024	✓	✓
1024 x 768	✓	✓
852 x 480	✓	✓
832 x 624	✓	✓
800 x 600	✓	✓
640 x 480	✓	✓
Horizontal Frequency	29–85 kHz	29–110 kHz
Vertical Frequency	To 130 Hz	To 130 Hz
Outputs		
VGA	✓	✓
Composite (PAL)	✓	✓
Composite (NTSC)	✓	✓
S-Video	✓	✓
RGSB	✓	✓
RGSB	✓	✓
Compatibility		
PC	✓	✓
Mac	✓	✓
Silicon Graphics (SGI)	✓	✓
Sun	✓	✓
Pan/Zoom	To 200%	To 200%
Genlock	✓	✓
Anti-Flicker	✓	✓
Under/Overscan	✓	✓
What's Included		
1.8-m VGA Cable	✓	✓
S-Video Cable	✓	✓
Mac/VGA Adaptors	✓	✓
RCA/RCA Cable with BNC Adaptor	✓	—
VGA Female/5 BNC Cable	—	✓
VGA Male/5 BNC Cable	—	✓
Sun 13W3 Male/VGA Female Cable	—	✓
Sun 13W3 Female/VGA Male Cable	—	✓

Why Buy From Black Box? Exceptional Value. Exceptional Tech Support.

Recognise any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
- The so-called "tech" can't help you or gives you the wrong answer.
- You don't have a purchase order number and the tech refuses to help you.

According to a recent survey by Data Communications magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But

even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

Don't waste time and money—call Black Box today.

Ordering Information

Product Name	Product Code
Studio Scan XTD 620	ACU0620
Studio Scan XTD 820R	ACU0820R