

PAL ↔ NTSC STANDARDS CONVERTER
● ● ● **STC-100**

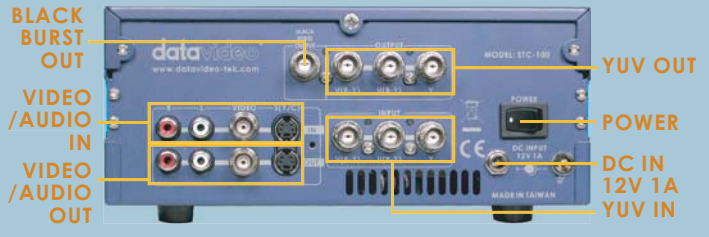
Only professional TV monitors can be switched between PAL and NTSC these two different standards automatically. Recording equipment is always NTSC, or PAL, it is extremely rare for any recording device to support both. If you want to provide a NTSC TV series to PAL countries or vice versa, you will need an easy to install, simple to operate, and high quality PAL/NTSC bi-directional standard converter; the Datavideo STC-100 is just that.



INTEGRATION



REAR PANEL



FEATURES

- PAL and NTSC standard converter, stand alone unit, realtime conversion, no need to spend hours capturing footage into a computer.
- Component;BS(Y/C);BComposite input and output
- Built in TBC.
- Brightness, contrast, color, and tint adjustable (Tint is NTSC only)
- 0 or 7.5 IRE output selectable, may also convert between 0 and 7.5 IRE
- Audio level calibration, adjust audio output level.
- DC 12V input, easy for outdoor use.

SPECIFICATION

Input

Video CVBS,S-Video,YUV
Audio BNC-Unbalance(Stereo)

Output:

Video CVBS,S-Video,YUV,Black Burst
Audio BNC-Unbalance (Stereo)

Video Processing:

Component 8-bit, 4:2:2, Y: 13.5MHz
Frame Synchronization

Full Frame TBC

Frequency Response (S input)

5 MHz +/-3dB

DG, DP +/- 3%, 3 °

S/N Ratio >50 dB

Video Correction :

Brightness +/- 10%
Contrast +/- 3dB
Color +3/-10dB
Tint +/- 10 ° (NTSC only)
Audio level calibration
S/N Ratio >60dB
THD <0.1%
Analog Bandwidth 20Hz~20kHz, +/- 3dB

General:

Power Input DC 12V/1A (AC adapter included)
Ambient Temperature 32 ° - 131 ° F (0 ° - 55 ° C)
Ambient Humidity Less than 90%