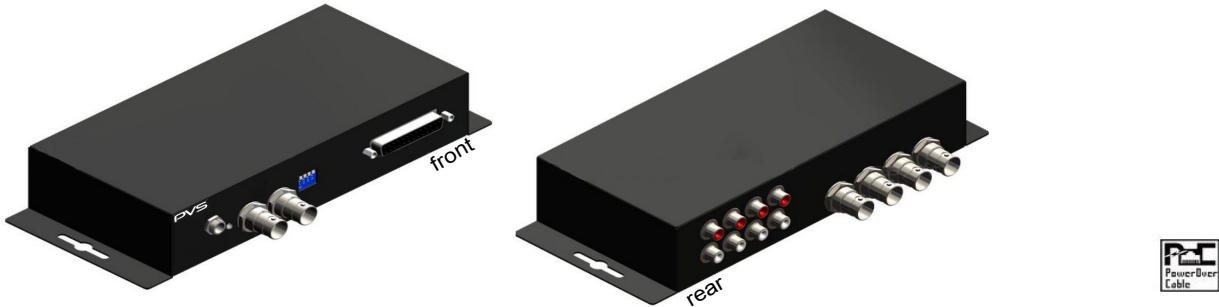


## fc-055

### Component to HD/SD-SDI Converter with Audio

The fc-055 Component to HD/SD-SDI Converter with Audio provides high quality 12 bit conversion between analog component input and SDI video digital output. Supports both SD-SDI and HD-SDI formats including SMPTE 259M, SMPTE 292M and SMPTE 296M and also features 3 SMPTE compliant HD/SD-SDI outputs. fc-045 also equips 24 bit audio A/D converter to support 8 channel audio into SDI bit-stream.



### Features

- Supported HD formats: 1080i @50/59.94/60Hz; 1035i @50/59.94/60Hz; 720p@50/59.94/60Hz; 1080p@24/30Hz
- Supported SD formats: NTSC @59.94Hz; PAL @50Hz
- Excellent quality 12-bit video A/D conversion
- Wide dynamic range 24-bit audio A/D conversion
- Support RGB or YCbCr color space
- External and Internal Sync are both supported
- Dual HD/SD-SDI outputs
- Auto HD/SD-SDI detection
- Equipped with one extra equalized loop-outs
- Support 8 channel analog audio inputs
- External DIP switch configuration

### Technical Specifications

Role of Use: HD/SD-SDI to Component

Output Displays: 2x BNC (SDI)

Video Support: [HD] 720p50/59.94/60, 1035i50/59.94/60, 1080i50/59.94/60, 1080p24/30 - [SD] NTSC@59.94Hz, PAL@50Hz

Audio Support: Up to 8 channels

Video Bandwidth: 1.485Gbps & 1.485/1.001Gbps

Input: 3x BNC [component Y/Pb/Pr] & 1x BNC [external sync] & 8x RCA/XLR

#### MECHANICAL

Dimensions (LxWxH): Desktop - 185x115x40mm

Weight: 1.4lbs

Power Supply: 5V-4A DC

Power consumption: 10 Watts Max

Operation temperature: 0-40 C

Relative humidity: 20-90% RH