

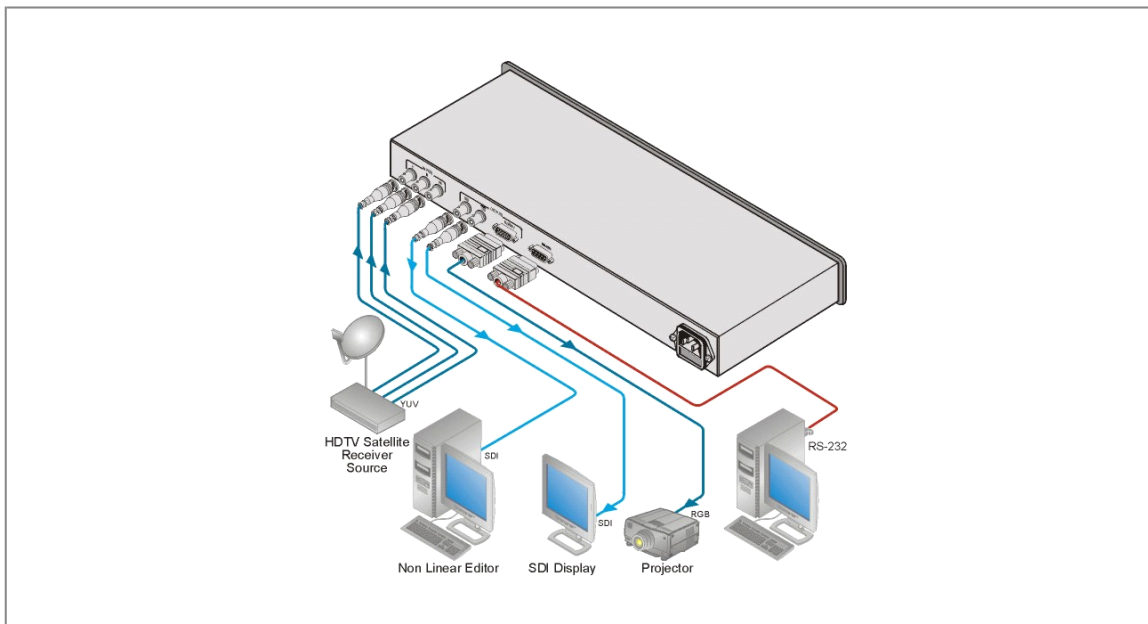


## FC-42

### Component HD to HD-SDI Format Converter & Test Pattern Generator



The **FC-42** is a high-performance format converter and test pattern generator for component HD signals. The unit converts a component HD input simultaneously to an HD-SDI and RGBHV signal output.





## FC-42

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### FEATURES

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- HDTV Compatible.
- Multi-Standard Operation - SDI (SMPTE 259M and SMPTE 344M) & HD-SDI (SMPTE 292M).
- Input - Component (YPbPr).
- Output - 2 HD-SDI & RGBHV (15-pin HD).
- HD Resolutions - 720p and 1080i (up to 60Hz) & 1080p (up to 30Hz).
- Sync Input - Bi-level & tri-level.
- No Resolution Conversion.
- ProcAmp Control - Memory for 16 setups.
- Test Pattern Generator - 8 patterns.
- Control - Front panel & RS-232 (K-Router™ Windows®-based software is included).
- Worldwide Power Supply - 100-240V AC.
- Standard 19" Rack Mount Size - 1U. Rack "ears" included.

### TECHNICAL SPECIFICATIONS

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INPUT:	1 component video - YPbPr on 3 BNC connectors.
OUTPUTS:	2 SDI on BNC connectors; 1 RGB/HV on a 15-pin HD connector.
OUTPUT LEVEL:	800mVpp.
RESOLUTION:	Up to 1080p.
S/N RATIO:	49dB unweighted.
CONTROLS:	Front panel buttons: MENU, ENTER, menu arrows, LOCK; rear panel: RS-232.
POWER SOURCE:	100-240V AC, 50/60Hz, 12VA.
DIMENSIONS:	19" x 7" x 1U W, D, H, rack mountable.
WEIGHT:	2.6kg (5.7lbs) approx.
ACCESSORIES:	Power cord, rack "ears".