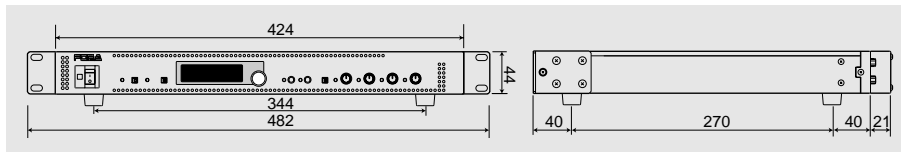
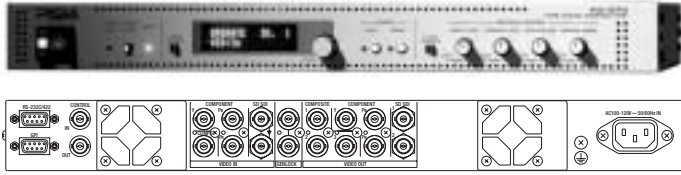


■ Time Base Corrector & Frame Synchronizer

FA-370/P



Standard	525/60 (NTSC) or 625/50 (PAL)
Video Inputs	Composite: 1.0Vp-p, 75Ω, 1 ea., BNC; YPbPr: Y:1.0Vp-p, PbPr: 0.7Vp-p 75Ω, 1ea., BNC (BETACAM or Mill level selectable for NTSC units); Digital component 270Mbps, 75Ω, 1 ea., BNC (Active thru, 1 ea., BNC for monitor use)
Genlock Input	Composite black burst, 0.429 (0.45) Vp-p, 75Ω or loopthrough, 1 ea., BNC
Video Outputs	Composite: 1.0Vp-p, 75Ω, 3 ea., BNC; YPbPr: Y:1.0Vp-p, PbPr: 0.7Vp-p 75Ω, 1ea., BNC (BETACAM or Mill level selectable for NTSC units); Digital component 270Mbps, 75Ω, 2 ea., BNC
Internal Processing	4:2:2 component
Correction Range	2 field (field inversion prevented)
Sampling Frequency	Y: 13.5MHz, C: 6.75MHz
Quantization	10-bit
Frequency Response	NTSC: 100KHz - 4.2MHz ±0.5dB, 4.2MHz-5MHz: -1dB; roll off above 5MHz (composite); PAL: 100KHz -5MHz ±0.5dB, 5MHz -5.5MHz: -3dB roll off above 5.5MHz (composite)
DG/DP	1.5%, 1° (APL 50%) (composite)
S/N Ratio	56dB (without quantization noise) (composite); 60dB (without quantization noise) (YPbPr component)
K-Factor (2T Pulse)	1% (composite); 1% (YPbPr component)
Noise Reduction	4 step levels (motion adaptive filtering performed)
Interfaces	RS-232C/422 (selectable): 9-pin D-sub, 1 ea. (male) GPI: 9-pin D-sub, 1 ea. (female) Control: 1 ea. (IN / OUT), BNC
Power	100VAC - 120VAC ±10% or 220VAC - 240VAC ±10%, 50/ 60Hz
Consumption	Approx. 65.5VA (47.1W) at 100VAC, Approx. 66.0VA (48.5W) at 220VAC
Temperature	10°C - 40°C
Humidity	30% - 90% (no condensation)
Dimensions	424 (W) x 44 (H) x 350 (D) mm
Weight	Approx. 7kg.
Options	FA-350RU Remote Control Unit, Panel Cover / Rack Bracket Set

The FA-370/P is a low cost and high performance solution to your Digital Time Base Corrector / Frame Synchronizer needs. Supports Composite, Component and Serial Digital Video sources, provides some of the best 10-bit processing around and is designed for maximum reliability.

- Multiple I/Os; analog composite/component + serial digital.
- Recursive filtering of Y and C to minimize or eliminate signal noise.
- Full frame memory to prevent picture field inversion during processing.
- 10-bit digital decoding used to ensure stable signals without bit dropout.
- 10-bit quantization each for Y and C.
- 4:2:2 digital component internal signal processing.
- Signal transcode performed.
- Selectable control interface; RS-232C for PC control of operations, RS-422 for remote device control.
- Easily initiate most operations via GPI control interface if needed.
- Remotely control settings and operation at up to 100 mixed models when optional FA-350RU Remote Unit configured.
- EDH (error detection, handling) feature to offset signal error.
- Compact EIA 1RU rack size for convenient mounting.

