

Frame Synchronizer & TBC

FA-147

A compact and very powerful FS/TBC, the FA-147 is capable of analog composite to digital component conversion, and has wide range internal genlock capability, so that almost any VHS signal can be genlocked. Perfect solution for an existing analog system to be upgraded to digital component system.

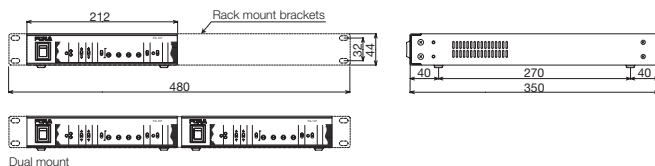


- SD-SDI or Analog composite input/output.
- Supreme composite to digital component converter.
- Line FS (for minimal delay) selection modes.
- 10-bit 4:2:2 component system adopted for internal signal processing.
- SD-SDI ANC data signal pass through.
- SD-SDI signal EDH enable/disable

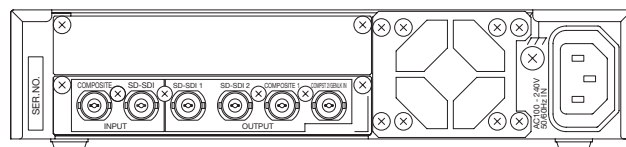
Specifications

Standard	525/60 (NTSC) or 625/50 (PAL) (Auto detect)
Video Input	Selectable as below
	Analog composite: 1.0Vp-p, 75Ω, 1 ea., BNC
	Digital component: 270Mbps, 75Ω, 1 ea., BNC
Genlock Input	BB: NTSC: 0.429Vp-p/PAL: 0.45Vp-p, 75Ω, 1 ea., BNC
Video Output	Analog composite 1.0Vp-p, 75Ω, 2 ea., BNC
	Digital component 270Mbps, 75Ω, 2 ea., BNC
Signal Processing	4:2:2 component
Correction Range	2 fields (field inversion prevented)
Sampling Frequency	Y: 13.5MHz, C: 6.75MHz
Quantization	10-bit
Process Control	Video Level: -3dB - +3dB
	Chroma Level: +3dB - +3dB
	Setup Level: -15IRE - +15IRE
	Chroma Phase: -30° - +30°
Genlock Phase Control	H Phase: -2μs - +2μs
	SC Phase: -180° - +180°
	V Phase: Max. -312H - +312H
	H Position: -0.5H - +0.5H
	V Position: Max. -312H - +312H
Temperature / Humidity	0°C - 40°C / 30% - 90% (no condensation)
Power / Consumption	100VAC - 240VAC ±10%, 50/60Hz / Approx. 15W
Dimensions / Weight	212 (W) x 44 (H) x 350 (D) mm / Approx. 2.5kg
Accessories	Operation manual / AC cord
Options	Single mount or dual mount rack brackets

External Dimensions

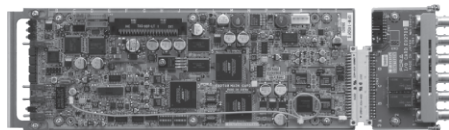


Rear Panel



Frame Synchronizer & TBC

UFM-147DFS



A compact and very powerful TBC/FS, the UFM-147DFS is capable of analog composite to digital component conversion, and has wide range internal genlock capability, so that almost any VHS signal can be genlocked.

Universal Frame

UF-106A



The UF-106A is a universal frame with superior reliability and maintainability. It can hold up to 6 UF Series boards.

Universal Frame

UF-112



The UF-112 is a universal frame with superior reliability and maintainability. It can hold up to 12 UF Series boards.

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