

Time Base Corrector

FA-130P



TBC and frame synchronizer with motion oriented noise reduction. Advanced digital filtering, 4:2:2 component processing, plus a selection of I/Os for analog composite, Y/C, and/or component.

Features

- ◆ All processing/operational parameters front panel set.
- ◆ Separate purchase I/O adaptors easily connect to FA-130P and have convenient toggle phase adjustment at connector plate.
- ◆ AUX connector selectable to either advance sync, or composite output, or genlock loopthrough.
- ◆ 4:2:2 component digital processing.
- ◆ Full frame, infinite correction range memory, field inversion prevention and frame/field freeze with strobe.
- ◆ Preset capable. Accepts and syncs asynchronous inputs.
- ◆ Use to improve video signal stability and quality in production, MPEG, and other systems.
- ◆ Compact, 1/2 EIA width, 1RU height.

Specifications

Standard Inputs*	PAL (Input processed depends on operational settings.)
Composite Y/C	1.0Vp-p, 75Ω or loopthrough, BNC
YPbPr	Y: 1.0Vp-p, C: 0.3Vp-p, 75Ω, BNC
	Y: 1.0Vp-p, PbPr: 0.525 Vp-p, 75Ω, BNC
RGB (sync)	RGB: 0.7Vp-p, Sync: 4.0Vp-p, 75Ω, BNC
Genlock	B.B.: 0.45Vp-p, 75Ω or loopthrough, BNC
Outputs*	
Composite Y/C	1.0Vp-p, 75Ω or loopthrough, BNC
YPbPr	Y: 1.0Vp-p, C: 0.3Vp-p, 75Ω, BNC
RGB+Sync	Y: 1.0Vp-p, PbPr: 0.525Vp-p, 75Ω, BNC
	RGB: 0.7Vp-p, Sync: 4.0Vp-p, 75Ω, BNC
Adv Sync	2Vp-p, 75Ω (jumper select)
Processing/Correction	4:2:2 digital component/2 field
Frequency Response	100kHz-5.5MHz, -3dB
DG, DP	3 % , 2° (composite); 2%, 2° (Y/C) (APL50%)

S/N Ratio	Better than 55dBp-p/rms (composite, w/o quantization noise)
Power Consumption	220-240VAC, 50/60Hz Approx. 17W (32VA)
Dimensions	215 (W) x 44 (H) x 400 (D) mm
Weight	Approx. 3.0kg
Options	Mounting brackets: One unit or two units side-by-side.

(* Actual input/output capability determined by separate purchase I/O adaptor connected. See table below.)

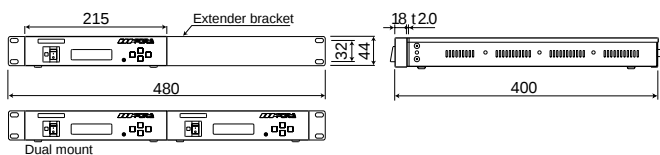
Available I/O adaptors

Adaptor	Inputs	Outputs
FA-30IO 1B	Composite, Y/C	Composite, Y/C
FA-30IO 2	Composite, Y/C	YPbPr (B-Y, R-Y)
FA-30IO 3	Composite, Y/C	RGB, Sync
FA-30IO 4	YPbPr or RGB, Sync**	Composite, Y/C
FA-30IO 5	YPbPr or RGB, Sync**	YPbPr
FA-30IO 6	YPbPr or RGB, Sync**	RGB, Sync
FA-30IO 7***	Composite	Composite

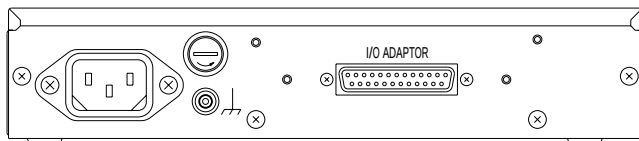
** Must be specified YPbPr or RGB at time of order. (Factory set.)

*** 9-pin D-sub to BNC cable.

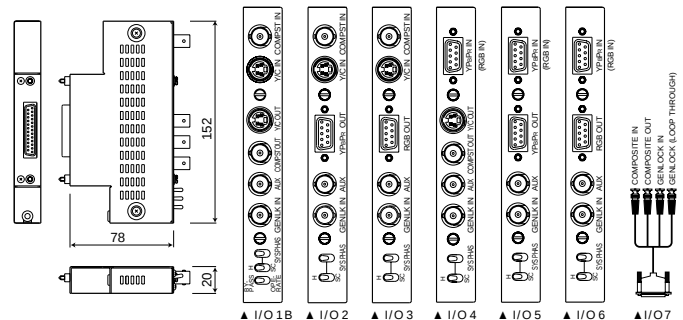
External Dimensions



Rear Panel



I/O Adaptor Appearance



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