VIVIX PROCESSORS FOR FIXED PIXEL DISPLAYS

VIVIX™ PIXEL FOR PIXEL™ PROCESSORS PFP-7 AND PFP-11

RUNCO INTERNATIONAL

VIVIX™ TECHNOLOGY

PFP™

PIXEL FOR PIXEL™

INNOVATIVE DIGITAL PROCESSING
FOR FIXED PIXEL DISPLAYS
MULITPLE RESOLUTIONS
ASPECT RATIO CONTROL

RUNCO

The World's Finest Home Theater Products™

Fixed pixel displays, such as DLP, LCD and Plasma displays, have come of age for home theater applications. Their compatibility with high-resolution video sources has made these devices a computer industry standard for years. Also for years, the challenge of matching their high quality displays with standard video signals from DVD or VHS systems has gone unanswered.

Once again, Runco has met this latest challenge with its all-new, proprietary VIVIX™ Pixel-for-Pixel™ technology. VIVIX is the key to turning an otherwise good fixed-pixel device into a high quality video display suitable for the home theater enthusiast. This technology matches the output resolution, sync types and output format, to most efficiently drive the display unit, preventing 'double scaling', which can cause a loss of resolution, or other unwanted artifacts associated with other processors.

In addition to the VIVIX processing, the PFP-7 and PFP-11 have other features that no other processor has, including image shift and blanking capabilities that allow the image to fit perfectly on the screen. For projectors that do not have lens shift capability, the image shift feature adds flexibility to the projector's installation without having to introduce keystone effects in the image. And to protect 4:3 image burns on plasmas or CRT-based Rear Projection televisions, grey side-bars are provided to greatly reduce or eliminate the possibility of causing irreparable damage to the display.

Runco's new PFP-7 and PFP-11 are the ultimate solution for the Home Theater enthusiast who wants to get the absolute best performance AND flexibility from their fixed-pixel display.

Installer Dependent

RUNCO
THE WORLD'S FINEST HOME THEATER PRODUCTS™

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FEATURES

- Pixel-for-Pixel output matched for virtually any fixed-pixel display
- Film to video (3:2 pulldown) detection
- Time base correction for unstable sources such as VCR's
- Aspect ratio control for 16:9 or 4:3 screens
- Fully RS-232 or IR Controllable
- Output can be configured for any sync polarity as well as RGB or Component outputs
- Image shift for flexibility in placement
- Blanking for eliminating the image from being displayed on screen borders.
- Grey 'Side bars' to reduce or eliminate 4:3 burns on 16:9 plasmas or CRT-based Rear Projection televisions
- Pass-through available for high-resolution sources such as DTV decoders or computers
- 10 bit processing

OUTPUT RESOLUTIONS:

PFP-7:	854 x 480	1280 x 720	720p
	800 x 600	1280 x 768	
	1024 x 768	480p	
	1024 x 1024	540p	
		600p	

PFP-11:	854 x 480	1280 x 768	480p
	800 x 600	1280 x 1024	540p
	1024 x 768	1366 x 1024	600p
	1024 x 1024	1366 x 768	720p
	1280 x 720		

SPECIFICATIONS

Aspect ratios:	Anamorphic, Letterbox, 4:3 (on either 16:9 or 4:3 screens)
Inputs:	(1) Composite, (1) S-Video (1) Component, (1) Pass-through
Video Standards:	NTSC, PAL
Control Options:	Infrared (with discrete on/off, aspect ratio and source selection), RS-232 and front panel
Screen trigger/ masking outputs:	(2) 12VDC, 1/8A
Bandwidth:	Video inputs: 5.5 Mhz Pass-through: 100 Mhz

Power Requirements:	100–240 VAC (auto sensing) 50/60 Hz, 15 W
Operating environment:	41°–95° F (5°-35° C), 0–90% humidity (non-condensing)
Dimensions:	Width: 17 1/2 in. (444.50mm) Depth: 16 in. (406.40mm) Height: 3 1/2 in. (88.90mm) Weight: 16 Lbs. (7.26 Kg)
Included Accessories:	Rack mounting brackets
Regulatory Approvals:	Complies with FCC Class 'B', CE, C-Tick
Limited Warranty:	(2) Two years parts and labor from the date of delivery to the end user

Call factory for more specific information on export specifications.
Specifications are subject to change without notice.
*854 x 480 and 540p resolutions are available for NTSC only.

ViViX™ PIXEL FOR PIXEL