

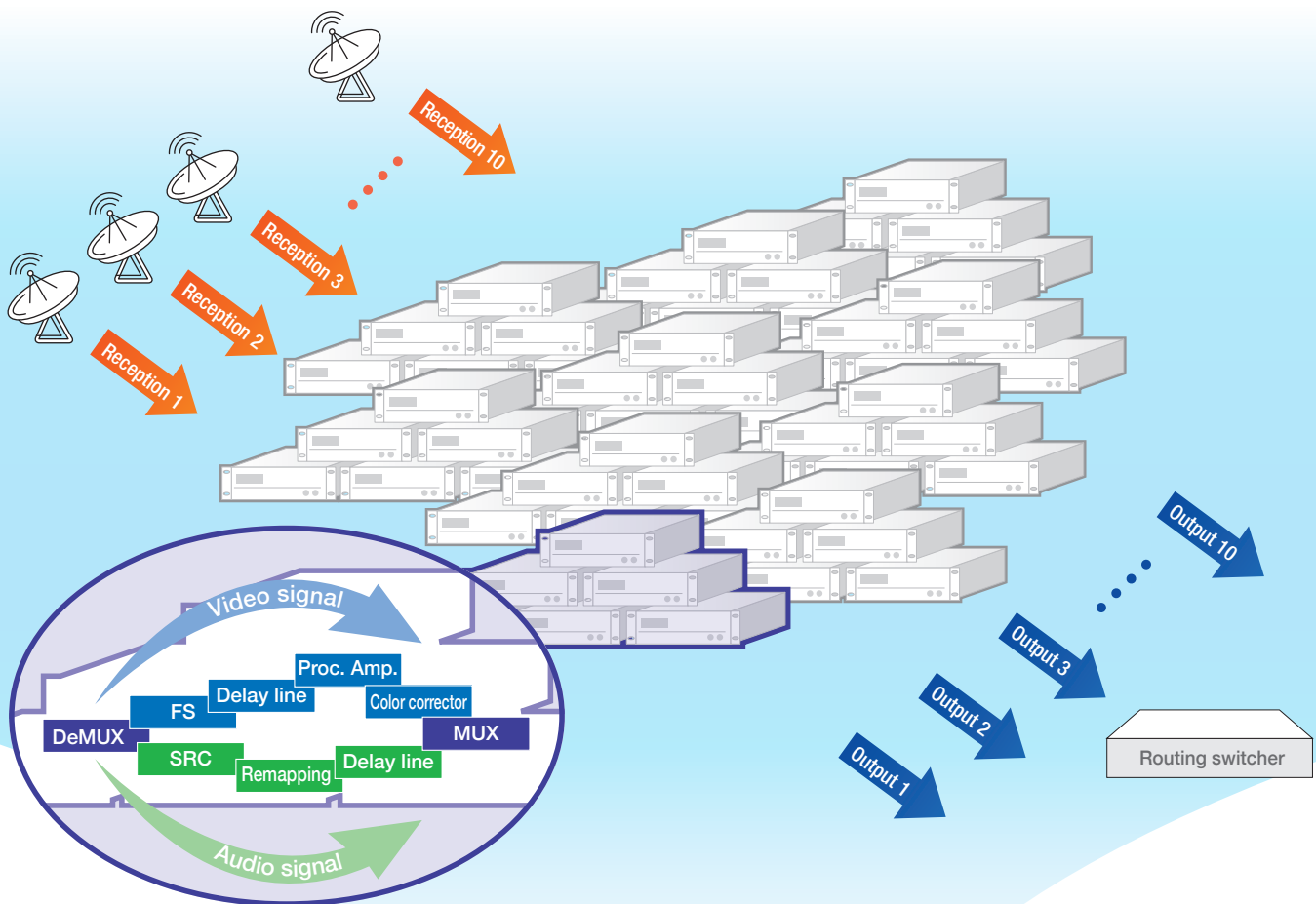
MULTI-CHANNEL SIGNAL PROCESSOR
FA-1010
THE PROCESSOR



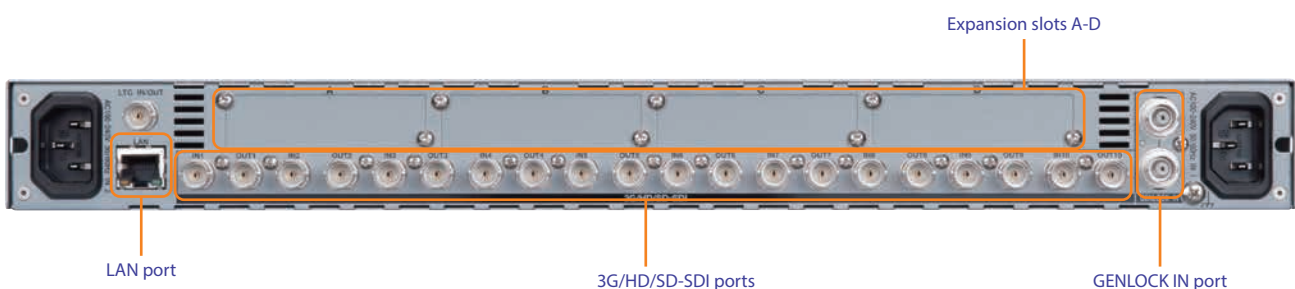
Up to 10 inputs/18 outputs in a sleek, 1U form factor. A multi-function, multi-format, 4K ready frame synchronizer.

The FA-1010 offers up to 10 outputs and 18 outputs for convenient, centralized multi-channel video routing. In addition, this all-in-one frame synchronizer offers many essential video production tools. Inputs and output standards include, 3G/HD/SD-SDI in a variety of frame rates and 4K compatibility. We have included all the typical features of a frame synchronizer as well as a FOR-A's 'industry standard' color correction on every input. For audio signal processing, it offers delay adjustment, remapping functions and a sampling rate converter on over 160 channels of audio. A single unit can provide the functionality that used to require a full rack of equipment. The perfect solution for almost any professional video environment plus: reduced cost, space, heat and electrical consumption.

Comprehensive & More Compact



A full rack of signal processing in a 1U box.



Full-Featured

10 3G/HD/SD-SDI inputs and outputs standard, expandable to 18 outputs

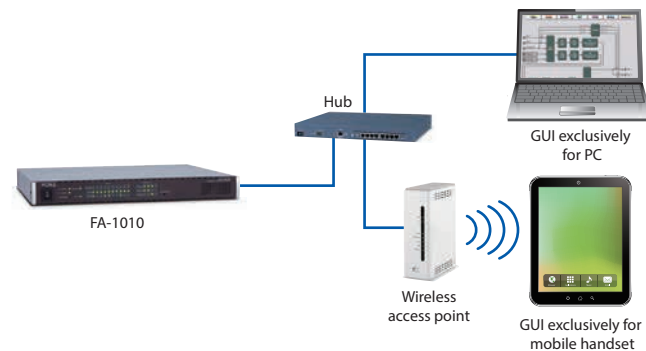
This 10 input frame synchronizer also offers a 10 by 10 audio/video clean switch router on synchronized or un-synchronized inputs. The built-in clean switch function enables advanced audio processing for quiet audio transitions. An I/O bypass function has also been provided in case power is cut.

Digital Audio I/O

For embedded audio, there are 16 channels per 3G/HD-SDI synchronous/asynchronous input, and there are 16 channels per synchronous input in SD-SDI. That means support for up to 160 channels over the 10 inputs. Audio processing includes, delay adjustment, level adjustment, down-mixing and remapping. By adding optional digital or analog cards, the unit provides D-A or A-D conversion with embed and de-embed capability. Users needn't worry about ancillary data being erased such as closed captions and time code due to signal processing.

GUI/Web Control

The frame synchronizer comes with dedicated GUI software for direct IP control from a PC. In addition, it offers web-based control from almost any browser. The web browser offers the ability to control from a PC, tablet or smart phone.



Color Corrector

The FA-1010 provides 10 channels of FOR-A's legendary real-time color correction. Color controls include Proc Amp and White/Black/Gamma in R/G/B. White/Black/Gamma controls can be done in 3 modes: Balance, Differential and Sepia.

Powerful Frame Synchronizer

FOR-A's frame synchronizers are designed for superior performance when processing video with poor quality signals. Synchronizer modes can be selected among from Frame, Line, and AVDL. Adjustment range in AVDL mode is 5 H in HD and 1 H in SD. Additionally, in every mode both H and V ancillary data can be passed through.

*If input/output formats differ, there are limitations on the packets that can be passed.

Other Features

- Video/audio delay
- Monitoring and control from a Web browser (partial)
- SNMP monitoring
- Redundant power supply

Options

FA-10RU

Remote Control Unit

Remote with LED menu display for full control of multiple units.

FA-10DCCRU

Remote Control Unit for Color Correction

A dedicated remote panel for intuitive color correction.

FA-AUX30

AUX Extension Panel

Offers one-touch assignment and activation of common functions and perfect for routing operations.

FA-10PS

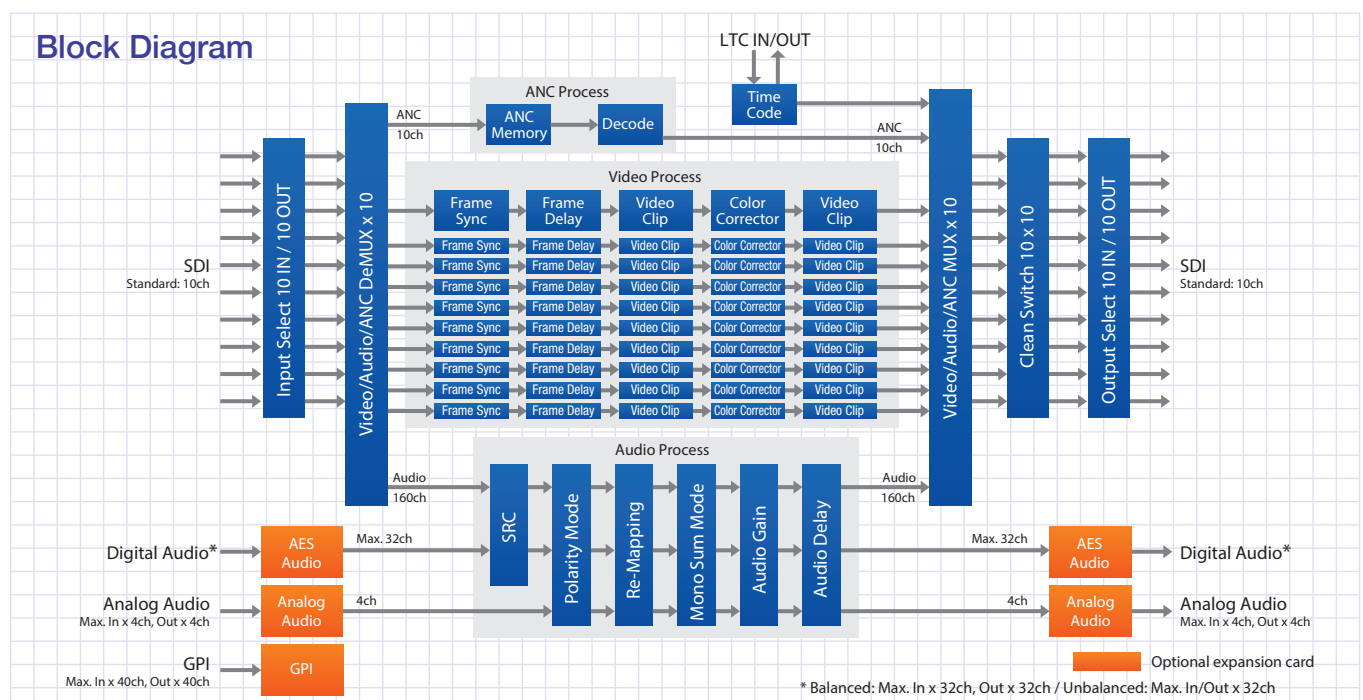
Redundant power supply

Expansion Cards

4 slots in the rear panel can be used to expand inputs and outputs.

- FA-10AES-BL Digital Audio balanced I/O option
- FA-10AES-UBL Digital Audio unbalanced I/O option
- FA-10AES-UBLC Digital Audio unbalanced output expansion cable
- FA-10ANA-AUD Analog Audio I/O option
- FA-10GPI GPI 10 each input/output option

Block Diagram



Please see the spec sheet for details.

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