



1000 & 1000/2 Frame

Terminal & Distribution System



The model 1000 frames are the foundation of a complete family of digital and analog products, and is ideal for long-term system requirements for distribution, timing, and processing needs. The 1000 frame makes it easy to accomplish rigorous jobs in the studio and in the field.

Eleven Module Slots

The DigiFlex 1000 frame will accept up to eleven modules, or ten when the redundant power supply is installed (1000/2 Frame). Any combination of the available modules can be installed into the frame. Each module has a companion rear cell for I/O connections. The DigiFlex 1000 frame can easily accommodate a combination of analog & digital DA's, A to D's, D to A's, synchronizers, and transcoder modules. SD SDI & HD SDI modules are available.

Single or Dual Power Supplies

The DigiFlex 1000 frame has a single isolated +12 volt power supply system distributed on the back plane of the frame, the model 1000/2 features dual Unipolar power supplies isolated from ground or capacitor coupled. Dual Power Supply Model (1000/2) has separate power cords for each supply. An external power supply connection is standard. Dual cooling fans are mechanically reversible. Rear Cell LED Signal Present Indicator.

LED Front and Rear Panel Indicators

Front Panel Indicators include: AC Power, AC Power Fault, DC Fuse, and Frame Fault Permanently attached front panel for RFI protection. The front panel drops open revealing all operating controls. Modules are removable from the front. The DigiFlex frame has a comprehensive set of diagnostic fault indicators. The power supply has a green LED indicating that it is functioning properly. A red LED indicates the DC fuse is open. If a redundant power supply is installed, the power supply will indicate an input power fault (ie. no AC). A red LED on the frame indicates a frame fault (loss of signal to any of the modules installed into the frame). LEDs on each module rear cell indicate loss of signal. This allows the user to conveniently troubleshoot connections at the rear of the frame. All module faults are tied together on a common bus. Relay contacts are provided on a rear panel connector for an optional alarm. A +12 VDC power source is also available at the rear panel connector. The alarm circuit of multiple frames can be wired together.

Exceptional Technical Support

The DigiFlex 1000 & 1000/2 Frames are backed by the Link Electronics standard 10-year warranty and 24/7 free customer support. It meets the innovative, high performance, flexibility, and reliability requirements of all Link Electronics products.

Features

- Frame Holds 11 Modules
- Digital Products
- Analog Products

- Audio Products
- Video Products
- Fault Detection

- Two Rack Units

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Electrical:

Power Input: 115/230 VAC, 50/60 Hz
Connectors: Matches the Module Selected
Crosstalk: >60dB
Operating DC Voltage: 12VDC
External DC Over Voltage Protection: SCR Crowbar
Front Panel Indicators: Light Pipe
External DC: 12 to 16 VDC
1102 Output: unregulated 12 VDC @2A
1103 Output: 12 VDC @ 8A

NOTE: For 240 VAC, modification is required. Please notify support or sales at time of purchase.

Rear Panel:

Indicator, External DC In: Green LED
1102 Output Status: Green LED
Rear Contacts:
Dry Contact, SPDT: For Alarm
+12VDC Power Input: For Powered Alarm

Mechanical:

Height: 3.5 inches
Width : 19 Inches
Depth: 15.50 Inches
Weight: 11 lbs.

Available Module Options

Digital Video Modules

1132/1032 1x4 HD/SD-SDI Re-clocking Distribution Amplifier
1132/1033 1x8 HD/SD-SDI Re-clocking Distribution Amplifier
1180/1080 SD-SDI Embed/De-embed Audio AES
1180-OP/A Adds the Embed/De-embed Analog Stereo Audio to the 1180
1199/1099 SD-SDI SMPTE Color Bar, Black & Multi-burst Gen., Gen-Lock

Analog Video Modules

1151/1011 1x8 Composite Video Distribution Amplifier with White Clip & EQ
1152/1011 1x8 Composite Video Distribution Amplifier 100 MHZ
1153/1011 1x8 Composite DA with EQ and Clamp, 100 MHZ

Analog Audio Modules

1650/1014 1x8 Mono (1x4 Stereo) Audio DA, Screw Terminal
1650/1021 1x8 Mono (1x4 Stereo) Audio DA, 3-Pin Connector
1651/1014 1x8 Mono (1x4 Stereo) Audio DA, Level Bar Graph, Screw Terminal
1651/1021 1x8 Mono (1x4 Stereo) Audio DA, Level Bar Graph, 3-Pin Connector

Video Conversion Modules

1261/1061 Dual Composite to SD-SDI Conversion, 2 Channels, Frame Sync

Accessories

1103 Power Supply, 100 Watt, Spare Supply
1103/1010A Power Supply, 100 Watt, 1010A (Redundant)

