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AFM-20DSP-LE

20-Port Audio Matrix with DSP and Interchangeable Inputs & Outputs – Lite Edition

| Speakers | Ethernet - RJ-45



AFM-20DSP-LE is a member of the Kramer XSPerience family of DSP products. AFM-20DSP-LE is an advanced, professional audio matrix switcher with 20 analog ports that can be configured as inputs or outputs according to preset I/O configurations. AFM-20DSP-LE includes multi-channel DSP and a comprehensive and user-friendly graphic interface that makes configuring every detail of your audio system intuitive and easy

FEATURES

Advanced Audio Matrix Switcher - Professional, studio grade signal conversion technology, Including the latest generation 32-bit advanced Digital Analog Converter architecture to achieve excellent dynamic performance and improved tolerance to clock jitter. Maintains the quality of the original audio signal with selectable sampling rates up to 96 kHz. Flat frequency response, unmatched sonic performance, excellent signal to noise ratio, and extraordinarily low distortion levels

Multi-Channel Processing - Provides DSP (Digital Sound Processing) that enables simultaneous processing of all input and output signals

Maximum Flexibility - Customize the analog port configuration: use the default 12 x 8 I/O matrix configuration or select from one of the many other preset I/O configurations. Route any input to any output

Simple and Powerful Maestro Room Automation - Intuitive user interface enables you to fully automate your meeting room elements. Configure lights, shades, devices and more to be activated by an extensive range of triggers, including input/output connectivity, routing, and button pressing. By minimizing user intervention, Maestro room automation saves meeting prep time and minimizes human error before presentations

Intuitive and Comprehensive Configuration and Control - Via a powerful, user-friendly graphic interface, set volume (gain and attenuation) and DSP per input; execute routing and select line in, mic in, phantom power or line out on each port; configure master level and more. Control signal routing, volume and other basic settings using API commands via RS-232 communication transmitted by a PC, touch screen system or other serial controller

Programmable - Supports up to 10 global presets per I/O configuration plus 10 mixer snapshot presets

Easy, Cost-Effective Maintenance - LED indicators for main power, line in/out, mic in, and clipping enable easy local maintenance and troubleshooting. Local firmware upgrade via the USB port ensures lasting, field-proven deployment

Easy Installation - 19" enclosure for rack mounting a unit in a 1U rack space with included rack ears and universal 100-240V AC power connection



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TECHNICAL SPECIFICATIONS

I/O	20 Balanced Mono Audio: On 3-pin terminal blocks
Ports	1 USB: On a female mini USB-A connector
	1 RS-232: On a 3-pin terminal block
	1 Ethernet: On an RJ-45 female connector
User Interface	Front Panel LEDs: 1 status, 20 analog audio ports
Control RS-232	Baud Rate: 115200
Supported Web Browsers	Windows: Chrome
Power	Consumption: 340mA
	Source: 100–240V AC 50/60Hz
Environmental Conditions	Operating Temperature: 0° to +40°C (32° to 104°F)
	Storage Temperature: –40° to +70°C (–40° to 158°F)
	Humidity: 10% to 90%, RHL non-condensing
Regulatory Compliance (Standards Compliance)	Safety: CE
	Environmental: RoHs, WEEE
Enclosure	Size: 19" 1U
	Type: Aluminum
	Cooling: Fans
Accessories	Included: Power cord
Product Dimensions	43.64cm x 23.72cm x 4.36cm (17.18" x 9.34" x 1.72") W, D, H
Product Weight	1.6kg (3.4lbs) approx
Shipping Dimensions	52.50cm x 33.00cm x 10.70cm (20.67" x 12.99" x 4.21") W, D, H
Shipping Weight	2.7kg (6.0lbs) approx

