**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.
**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

![Diagram of the product]