Waves CA3000-MX
Commercial Audio Mixer

Architects and Engineers Specification

The Waves CA3000-MX Commercial Audio Mixer shall be designed for use with standard ASIO interfaces or Dante® network audio systems. The CA3000-MX shall support two (2) Ethernet connections on EtherCon (1) and RJ45 (1) connectors. The CA3000-MX shall have an internal CPU for mixer summing, routing and audio processing. The CA3000-MX shall have up to 32 mono/stereo inputs and up to 24 mono/stereo mix outputs, L/R/C/M main mix outputs and a 12x8 matrix.

The CA3000-MX configuration and all programming of the audio processing shall be software configurable using an install-ready version of the Waves LV1 application, and the Dante Virtual Soundcard (DVS) driver or a customer supplied standard ASIO driver. The CA3000-MX shall include Microsoft Windows 10 operating system. Windows, Waves LV1 and the DVS driver shall be factory-installed and activated. The CA3000-MX shall include Waves eMo audio processing plugins (D5 Dynamics, F2 Filter, Q4 Equalizer and eMo Generator) and allow customers to install additional plugins to provide superior sound quality for AV installations.

The CA3000-MX shall have 6 (six) Universal Serial Bus (USB) connection ports on a standard USB type connector for system configuration (mouse, keyboard) and emergency boot. The CA3000-MX shall have one HDMI connector and one DisplayPort for attaching a monitor for system configuration. The CA3000-MX shall have a power on/off button on the front panel.

The CA3000-MX shall be 2RU in height, ½ rack width and be rack mountable using extension ears. It shall be also rack mountable together with another CA3000-MX in a side-by-side arrangement using a tray. The CA3000-MX shall be CE marked, UL listed, and shall be compliant with FCC and CB. The CA3000-MX warranty shall be 12 months.
**Specification Table**

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| **Overall Dimensions** | Width: 22 cm / 8.7 in  
Depth: 28.4 cm / 11.2 in  
Height: 8.6 cm / 3.4 in |
| **Weight**           | Device Weight: 3.3 Kg / 7.4 lbs                                         |
| **Power**            | Internal, 110-240 VAC, 50/60 Hz, 65 W, auto-switching;  
C13-type connector |
| **Sampling Rates**   | 44.1, 48, 88.2, 96 kHz                                                |
| **Computer**         | CPU: Intel® i5 10600 processor  
RAM: 16 GB  
Storage: 256 GB SSD internal |
| **Connectivity**     | USB: 6 ports (4x USB 3.0, 2x USB 2.0)  
Display: 1x HDMI, 1x DisplayPort  
Ethernet: 1x EtherCon, 1x RJ45 connectors |
| **Environment**      | Operating Environment temperature range: 50° to 95°F / 10° to 35°C  
Max Environment temperature: 104°F / 40°C |
| **Compliance**       | UL, CE, FCC, CB                                                         |

**Mechanical Diagram**

![Mechanical Diagram Image]