

MERGING Lexicon and Acronyms

| Acronyms | Meaning | Details |
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| AD | Analog to Digital (conversion) | AD is a system that converts an analog signal, such as a sound picked up by a microphone or light entering a digital camera, into a digital signal |
| ATMOS | | Surround sound technology developed by Dolby Laboratories. It expands on existing surround sound systems by adding height channels for 3D sound |
| AES | Audio Engineering Society | AES3 (also known as AES/EBU) is a standard for the exchange of digital audio signals between professional audio devices |
| AoE | Audio over Ethernet | Audio over Ethernet is the use of an Ethernet-based network to distribute real-time digital audio |
| AoIP | Audio over Internet Protocol | Audio over IP (AoIP) is the distribution of digital audio across an IP network such as the Internet. It is used increasingly to provide high-quality audio feeds over long distances |
| ASIO | Audio Stream Input Output | ASIO is a computer sound card driver protocol for digital audio, providing a low-latency and high fidelity interface between a software application and a computer's sound card |
| ASM | Annual Software Maintenance | For a modest annual fee, you can enjoy free software updates and a whole host of other benefits |
| AV | Audio Visual | Audiovisual (AV) is an electronic media possessing both a sound and a visual component, such as slide-tape presentations, films, television programs, corporate conferencing, church services, and live theater productions |
| BIOS | Basic Input Output System | BIOS is firmware used to perform hardware initialization during the booting process (power-on startup), and to provide runtime services for operating systems and programs |
| COAX | Coaxial BNC | It features two bayonet lugs on the female connector; mating is fully achieved with a quarter turn of the coupling nut. BNC connectors are used with miniature-to-subminiature coaxial cable in radio, television, and other radio-frequency electronic equipment, test instruments, and video signals |
| C>M | Cue to Mon | Anubis Music Feature, inject and overrides the Main Mixer with the Cue Mixer. Ideal to prepare a Performer Cue (low latency mix) |
| CPU | Central Processing Unit | CPU is the electronic circuitry that executes instructions comprising a computer program. The CPU performs basic arithmetic, logic, controlling, and input/output (I/O) operations specified by the instructions in the program |
| CUT | To cut | mute the input signal of the PreAmP |
| DA | Digital to Analog (conversion) | DA is a system that converts a digital signal into an analog signal. An analog-to-digital converter (ADC) performs the reverse function. |
| DAC | Digital Analog Converter | Digital-to-Analog Converter is a system that converts a digital signal into an analog signal. An Analog-to-Digital Converter performs the reverse function. |
| DAW | Digital Audio Workstation | It is a dedicated software that's designed to handle various tasks associated with music production, including instrument recording, audio editing, audio mixing, looping, etc |
| DIM | | It reduces the volume level of the studio monitors |
| DSD | Direct Stream Digital | DSD uses pulse-density modulation encoding - a technology to store audio signals on digital storage media which are used for the SACD (Super Audio CD) |
| DSP | Digital Signal Processor | Digital Signal Processors (DSP) take real-world signals like voice, audio, video, temperature, pressure, or position that have been digitized and then mathematically manipulate them. A DSP is designed for performing mathematical functions like "add", "subtract", "multiply" and "divide" very quickly |

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| DYN | Merging Dynamics | Built-in Anubis Music Mission Dynamics Effect |
| DXD | Digital Extreme Definition | Digital eXtreme Definition (DXD) is a digital audio format that originally was developed for editing high-resolution recordings recorded in DSD, the audio standard used on Super Audio CD (SACD) |
| GPIO | General-Purpose Input /Output | A general-purpose input/output (GPIO) is an uncommitted digital signal pin on an integrated circuit or electronic circuit board which may be used as an input or output, or both, and is controllable by the user at runtime |
| Hi-Z | Hi-impedance | Hi-Z raises the impedance of the line input to be suitable for passive guitar and bass |
| HP | Headphone | |
| IP | Internet Protocol | IP is a numerical label assigned to each device connected to a computer network that uses the Internet Protocol for communication. An IP address serves two main functions: host or network interface identification and location addressing |
| LED | Light-Emitting Diode | LED is a semiconductor light source that emits light when current flows through it. Electrons in the semiconductor recombine with electron holes, releasing energy in the form of photons. The color of the light (corresponding to the energy of the photons) is determined by the energy required for electrons to cross the band gap of the semiconductor. White light is obtained by using multiple semiconductors or a layer of light-emitting phosphor on the semiconductor device. |
| MAD | Merging Audio Device (PC) | Driver ASIO (multi ASIO) and WDM for Merging Devices |
| MADI | Multi Audio Digital Interface | MADI defines the data format and electrical characteristics of an interface that carries multiple channels of digital audio. MADI supports serial digital transmission over coaxial cable or fibre-optic lines of 28, 56, 32, or 64 channels; and sampling rates to 96 kHz and beyond with an audio bit depth of up to 24 bits per channel. |
| M>C | Mon to Cue | Anubis feature, that overrides the Cue Mix with the Main Mixer. Ideal to send back to a performer Cue the Main DAW mix |
| MoMI-Anubis | Anubis Monitor Mission | The MoMI is the central node of all Music and Recording Studios its extreme sound quality fullfills the essential requirement of all Mastering Studios |
| MuMI-Anubis | Anubis Music Mission | The MuMI is a powerful fully-featured low latency mixer that you can take anywhere |
| NADAC | Network Attached Digital Analog Converter | MERGING+NADAC was born out of the repeated request from Merging's mastering and recording engineer customers to provide a DAC for the audiophile market. This would be for their own customers, the music lovers, the high-resolution lovers, the purity lovers, a DAC able to reproduce the same experience, the same transparency they, as engineers, enjoyed in their studio when working on their Masters |
| NIC | Network Interface Card | A network interface card (NIC) is a hardware component without which a computer cannot be connected over a network. It is a circuit board installed in a computer that provides a dedicated network connection to the computer |
| OLED | Organic Light-Emitting Diode | Hapi and NADAC are manufactured with OLED screens |
| OV | Ovation Merging Technologies DAW | Ovation is the Media Server and Sequencer from Merging Technologies. Originally developed for theme park use, Ovation has evolved to be the leading solution for many applications in AV. It has also been used extensively as a playout solution for live-to-air broadcast. Since its introduction, the ability to handle many tracks of audio and route to many outputs, has made it the perfect tool for immersive audio. It is further enhanced by interfacing intelligently with industry standard 3D audio renderers, show control and video servers for the ultimate customer experience. |
| PCM | Pulse Code Modulation | Pulse-code modulation (PCM) is a method used to digitally represent sampled analog signals. It is the standard form of digital audio in computers, compact discs, digital telephony and other digital audio applications. In a PCM stream, the amplitude of the analog signal is sampled regularly at uniform intervals, and each sample is quantized to the nearest value within a range of digital steps |
| Peering | Expanding the Anubis IO | Supported with Anubis and allows to quickly expand the Anubis IO by peering any other Merging Devices Modules. Expand your Mixer Strip Channels and Output Channel |

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| PMX | Pyramix Merging Technologies DAW | Pyramix is a digital audio workstation used by professional studios and engineers the world over for music production, mastering, TV and film post-production. Pyramix, in combination with its networked audio interfaces offers the only end to end solution on the market to produce music digitally with an audio format that sounds like analog to humans |
| PoE | Power over Ethernet | Power over Ethernet (PoE) is a standard that allows Ethernet cables to simultaneously transmit data and power using a single network cable. This allows system integrators and network installers to deploy powered devices in locations that lack electrical circuitry |
| PTP Clock | Precision Time Protocol Clock | Time clock synchronisation through a network |
| PTP Master | Precision Time Protocol Master | The master clock device on the network. 1 clock for all devices. We advise to use anubis as PTP Master because it is our best clock |
| RAM | Random Access Memory | Computer, typically used to store working data and machine code |
| REV | Merging Reverb | Built-in Anubis Music Mission Reverb Effect |
| RMA | Return Material Authorization | Return of Merchandise Authorization is a part of the process of returning a product to receive a refund, replacement, or repair during the product's warranty period. Both parties can decide how to deal with it, which could be refund, replacement or repair |
| SACD | Super Audio CD | SACD is a read-only optical disc format for audio storage, introduced in 1999. It was developed jointly by Sony and Philips Electronics, and intended to be the successor to the Compact Disc (CD) format. The SACD format allows multiple audio channels (i.e. surround sound or multichannel sound). |
| SMPTE | Society of Motion Picture and Television Engineers | The Society of Motion Picture and Television Engineers, founded in 1916 as the Society of Motion Picture Engineers or SMPE, is a global professional association of engineers, technologists, and executives working in the media and entertainment industry. |
| SPS | Seamless Protection Switching | Redundant streams, supported with Anubis SPS and Hapi MkII |
| SUM | Summing | Summing elements (Mixing in Monitor Mission) |
| ST2022-7 | Seamless Protection Switching | SMPTE Standard. Redundant streams of SMPTE 2022 packets to allow for creation of a single reconstructed output stream through seamless protection switching at the RTP datagram level. |
| ST2110 | System architecture and synchronization | SMPTE Standard for broadcast production |
| TFT | Thin Film Transistor | Material used on our Anubis screens |
| TRS | Tip Sleeve Ring | Connector Balanced and Stereo |
| TS | Tip Sleeve | Connector Un-Balanced and Mono |
| UI | User Interface | The space where interactions between humans and machines occur. The goal of this interaction is to allow effective operation and control of the machine from the human end, whilst the machine simultaneously feeds back information that aids the operators' decision-making process |
| UNITE | Merging simplified AoIP connectivity | Automatic AoIP (Audio over IP) Stream patching feature that allows a user to quickly connect 10 streams between the Anubis and the System/Driver without the need of Aneman. (except MoMI) |
| VAD | Virtual Audio Device (Mac) | Driver Core Audio for Mac and Merging Devices |

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| VC | VCube HD Video Player/Recorder | VCube has become a shining standard in the audio for picture world. Dubbed "The Video Tool for the Audio Operator", VCube hosts a powerful set of functions in an easy to understand and simple to setup User interface. Available in packs ranging from software only and reliant on the graphic card output to provide the picture, to colouring suite grade I/O for even the most demanding of environments. |
| VM | Virtual Machine | VM is the virtualization/emulation of a computer system. Virtual machines are based on computer architectures and provide functionality of a physical computer. Their implementations may involve specialized hardware, software, or a combination. |
| VS3 (Plugins) | Virtual Studio 3 | Audio plug-in software interface, made by Merging and install along in Pyramix (PMX) and Ovation (OV) |
| VST | Virtual Studio Technology | Audio plug-in software interface, Merging supports VST and VST3 plugins |
| WCK | Word Clock | WCK is a clock signal used to synchronise other devices, such as digital audio tape machines and compact disc players, which interconnect via digital audio signals |
| WDM | Windows Driver Model | WDM is a framework for device drivers that was introduced with Windows 98 and Windows 2000 to replace VxD, which was used on older versions of Windows such as Windows 95 and Windows 3.1, as well as the Windows NT Driver Model |
| XLR /CANNON | Cable /Connector | 3 pins cable (most common). Balanced cable to connect Microphones, Speakers etc |
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