Merging's New Mission For Anubis

Commentary Unit Mission already proven in major sporting events



Merging Technologies arrives at NAB 2022 in good health despite the last two years and the many challenges along the way. Demand for products remains exceptionally strong and the engineering team have been continuously developing products. NAB will see several new innovations being shown in a public forum for the first time. The MERGING+ANUBIS Commentary Unit Mission is the most recent and highly relevant to the NAB attendees. Developed in partnership with a major client, NEP, this Mission utilizes the same hardware as other Anubis Missions providing the standard single port unit and the SPS version with dual RJ-45 connections for ST2022-7 redundancy. There will be a modest charge for this new Mission if purchased with the hardware unit and for existing Anubis customers, once the key has been purchased, it is a simple firmware update.

The Commentary Unit Mission focuses on providing a very easy to use implementation of a broadcast commentary box, targeted at journalists commenting on all kinds of On-Air live events such as sport, e-sport, radio programs and more. Once running the Mission, the unit offers monitoring and commentary features for one single or two commentators, with all necessary microphone, headphone and speakers’ connectivity, best in class mic preamp and headphone

Phoca PDF

amp and AD/DA directly in the box.

While giving access to traditional analog I/O, the Commentary Unit Mission implementation also focuses on purely AoIP network audio integration, offering all required standards such as AES67, RAVENNA, ST2110, ST2022-7, NMOS as well as full remote access for operation and configuration through a full featured Web Interface and a Web Socket REST API. The Commentary Unit Mission user interface is entirely customizable to allow immediate usage of the unit when in live environments with minimal training for the simplest, mistake proof operation.

The Commentary Unit Mission offers support to one single or two commentators. The first commentator has the choice to use the Mic 1 input or the unit’s built-In microphone and the Headphone 1 output. When enabled the second commentator uses the Mic 2 input and Headphone 2 output and can either share the unit touch screen with the first commentator or be only controlled through the Web Interface and/or the mapping of the unit physical buttons.

Both commentators are offered the monitoring of 8 stereo programs, 2 mono intercoms, their own sidetone and the sidetone of the other commentator. Both monitoring busses are patched by default to the unit’s internal headphone outputs but can be also routed to other outputs through the network. Any of these inputs can be hidden and renamed for a better and safer user experience. Various monitoring options are also available to customize the monitoring behavior when On-Air, when talking, when receiving signal from the intercoms or when receiving commands from the broadcast console.

Phoca PDF



When operating the unit, both commentators can control their access to the On-Air output, can Mute their microphone (Cough Cut) and can talk to up to 4 available Talkback outputs. All these controls can be configured to be hidden, locked, latch/press-release, renamed, to offer an as safe and easy to operate experience. Various monitoring options are also available to customize the monitoring behavior when operating these controls.

The Commentary Unit Mission offers separate effects processing for both commentators and both signal paths, the On-Air and the Monitoring (Talk and Sidetone) paths. EQ and Dynamics are available on these 4 paths.

The Commentary Unit Mission offers various ways of controlling both commentators' actions:

- The unit touch screen can, optionally, be shared by both commentators
- All the unit's physical buttons can be custom mapped to any commentator's actions
- A fully featured Web Interface allows for controlling both commentators separately, as well as giving access to all parameters of the unit for remote technical operators
- A REST API permits taking full control of the unit through web socket for the complete broadcast orchestrator integration

Phoca PDF

- GPI/O commands can be mapped to all functionalities

The Commentary Unit Mission is the latest development in the evolution of MERGING+ANUBIS and there are several more additions planned for 2022 and beyond. These are planned to streamline workflows and enhance the functionality of the unit.

www.merging.com

Phoca PDF