MUSE HPS-Controller

Central Audio Control Signal Processor

Featuring Audio Processing with Audio as well as Central Control

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AdonisAV HPS Digital conferencing system enables up to 128 meeting participants to engage in crisp and crystal clear voice, across the room. The complete system can operate as stand-alone conferencing system or it also gets connected to external AV equipment or video conferencing system or unified application using standard set of AV hardware. AdonisAV Muse-HPS- Controller is a Central Audio Controller with inbuilt Digital Signal Processors, 2U rack mountable equipment featuring Audio Processing with Audio as well as Central Control. Based on embedded controlling software in all the system components the complete system serves as a single solution to achieve audio conferencing needs along with Look at me enables Video conferencing integration.

Highlights and Features

Smart Mixing

Built in high-end dual CPU processor for meeting heavy processing requirements. The core has 96-bit and 50MIPS digital audio signal processor

Analogue to digital and digital to analogue coders supports sample rates from 8KHz to 96KHz and digital volume control. 3rd Gen of audio processing algorithm

2x 25 Watts @ 4 Ω amplifier inbuilt

Output audio volume is adjustable, supports equalization, feedback suppression and noise cancellation algorithms

Supports multiple chairman units with number of open microphones up to 8

Conferencing Modes: Normal Mode, Voice Mode

RS-232 Port and RS-485 Port. Gets integrated with AdonisAV PTZ Camera series to achieve Look at Me Function

USB Recording: Conference record and play from central controller. Recorded files or MP3 file play directly from the unit

Audio Output: balanced & unbalanced

Audio Input: balanced & unbalanced

RJ-45 Control Port for conferencing management and monitoring

Applications

Board Rooms

Training Rooms

Meeting Rooms, Conference Halls

Classrooms, Seminar Halls

Distance Learning

Unified Communication& Video Conferencing Applications

ADONIS AV®

Specifications

PARAMETER	MUSE-HPS-Host
Frequency Response (Processor)	20 Hz – 20000 Hz
Number of Units Supported	Up to 60 Units; with Additional Hardware: Up to 200 Units
Output Load	>1KΩ
Amplifier Output	2x 25 Watts @4Ω
Line Input/Output Interface	Line Input 1: 350mV Balanced XLR Female
	Line Input 2: 350mV unbalanced 2x RCA Female
	Line Output 1: 1V Balanced XLR Female
	Line Output 2: 1V unbalanced 2x RCA Female
Microphone Units Interface	4x 6-Pin Aviation Interface
Control Interface	For PTZ Camera Control: RS-232 x1, RS-485 x1
	For Software Control through PC: RJ-45 x1
Recording & Playback Interface	USB TypeA x1
Controls Knobs	Software Based & Front Touch Panel
S/N Ratio	>85dB
Dynamic range	80dB
Output Power consumption	320 Watts
Static Power Consumption	30 Watts
Front Panel	4.3" Touch Screen Control
Thermal Harmonic Distortion	>0.05%
Crosstalk	≤50dB
Operating Temperature	-10° C - 50°C
Humidity	5-85%
Power Supply (AC)	~110V/60Hz or ~230V/50Hz
Weight	2950 Gm
Dimensions	484 x 305 x 88 mm
Installation	Rack Mountable and Desktop. 2U Height
Accessories (In the Box)	HPS-Controller, Connecting Cable (10m)x1, Operation Manual, Storage Drive (8GB) x1

Standard Warranty: 1 year standard warranty against manufacturing defects

Related Products:

(1) HPS-Controller
(2) HPS-Host
(3) HPS-Control Cable-CC10
(4) HPS-Control Cable-CC20

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