All In One Solution for Lecture
Halls
Seminar Halls
Conference Room and
Auditoriums

Digital Podium 3200 series has a ton of features and functionalities that are designed to the needs and demands of the education sector. Simply put, this is a complete solution with strong software & hardware, and not just a digital podium, but also backed by the industry leader (Powered by AMX/HARMAN Technology).

ATDSC DGM 3200

Features: Centralized Management System: Jetpack Manager, a centralized management tool that works with both iOS and Windows operating system. Control and monitor every podium in the classroom, as well-connected devices like a display or projector, from a central location, anywhere on the campus, or even remotely.

Scheduling: Room Scheduling offers Automatic System ON and OFF of the connected solution. It is done for the convenience of the end user. Making it very simple and easy for the end user to access the system just during working hours, conserving resources, eliminating the need for additional staff and technicians, and most importantly, protecting equipment failures due to unnecessary long usages. No longer needed each device be manually configured, configuration can be saved as desired, then installed across the network for fastest deployments, and operation which actually saves time, also makes it easier to redesign or relocate, and ensures the maximum utilization of system and classrooms.

Hardware: Transmitter and receiver built-in; range of up to 70 metres. With the use of a single Cat6 cable and an intuitive Control key Pad with volume settings, Signal Extension connects Podium with other connected devices (such as Display, Camera, Speakers etc.)

AV Ports: HDMI x 2, USB-C x 1, USB x 1 Ports with built-in Transmitter having with 3 Input(s) switching provides Auto & Manual switching, supporting long distance audio, video and USB up to 70 Mtr. on Cat6/6A/7 cable

Multi-functional Receiver: Embedded HDBaseT technology enables full use of HDMI and controls over Cat 6/6A/7 cable, as well as a built-in 2 x 25 Wa 4/8-ohm amplifier, USB Signal pass through, RS 232 Control, Relay, IR, mic/line input, line out, remote mute, audio de-embedding, USB-AUDIO, and CEC control.

Preconfigured Controller: 6 Button Keypad with Volume knob.

Technical Specifications	
Material	Mild Steel with wooden top.
Built-in	Tray for Keyboard. (Standard Keyboard) Document Camera. 21" Interactive Panel with flexible options in sizes for the 19" or 22" Interactive Panel. Interactive Panel positioning motorized up and down as per the user convenience. Space for the Desktop in the 19" rack for the equipment's to fit in as per the International standards. Visual Presenter or Document Camera should be installed and placed next to the interactive monitor for ease of use of both the items.
Locks	Sliding Shelf/Tray with Locks - For placement of extra lap top or Document to show through Inbuilt Document Camera and for Presenter with Internal Lock. 3 options in lock along with door locks - Manual key, RFID and Biometric (finger) for better security and ease of use. The single sliding wooden shelf hides and cover all 3 equipment's - Interactive Monitor, Document camera and multimedia controller.
Additional Ports	It should have additional ports on the left side of the podium. 1 x Power Plug,

	2 x USB 2.0, 1 x HDMI, 1 x VGA, 1 x LAN, 1 x Mono, 1 x Audio Video. Connectivity Ports at the bottom 1 x LAN, 1 x VGA, 2 x HDMI, 1 x Power Plug.

Interactive Panel

Interactive Panel Type	Active Matrix Color TFT backlit LED
Display Size	21" or higher
Resolution	1920 x 1080 pixels
Lines Per Inch	4000 lpi
Contrast	1000:1
Input	HDMI In
Technology	Electromagnetic - with Pen touch only
Interface	USB
Pressure Sensitivity	2048 Levels
Data Report	180 reports / per second
Accuracy	±0.5mm
OS	Windows / Vista / Mac / Linux
Software Feature	Should be able to Annotate on Blank and Power Point application with other application of Windows too

Controller & Switcher

General

Twisted Pair Cable Type	Shielded Cat6/6A/7
Twisted Pair Cable Length	Up to 131ft/40m for 4K or 230ft/70m for 1080p CONTROL: Up to 164ft/50m

Active Power Requirements

AC Power	24 VDC 3.75A Max Output; 100-240V 50/60Hz AC Input
Power Consumption (Max)	80 Watts (TX + RX + Keypad)
Power Connector	Screw Down Locking Power Connector

Power Supply

External, Included	DC 24V 3.75A(TX receives power from RX; Keypad receives power from TX)

Connectors - Keypad

CONTROL	1 x RJ-45
Micro USB	1 x Micro USB Port

Connectors – TX

HDMI IN	2 x HDMI Type A Port
USB-C IN	1 x USB Type C Port
USB HOST	1x USB Type B Port
Micro USB	1x Micro USB Port
AV LINK	1x RJ-45
Control	1x RJ-45

Connectors - RX

DC Power	Screw Down Locking Power Connector
HDMI OUT	1 x HDMI Type A Port
USB Device	1 x USB Type A Port
Micro USB	1 x Micro USB Port
IR OUT	1 x 3.5 mm Mini-Stereo Jack
LAN 10/100	1 x RJ-45, Ethernet Port
AV Link	1 x RJ-45

RS-232	1 x 3-pin 3.81 mm pluggable Phoenix Terminal Blocks
Relay (1-2)	1 x 3-pin 3.81 mm pluggable Phoenix Terminal Blocks
REMOTE Mute	1 x 2-pin 3.81 mm pluggable Phoenix Terminal Blocks
Audio Out	1 x 3-pin 3.81 mm pluggable Phoenix Terminal Blocks
AMP Out	1 x 4-pin 5.08 mm pluggable Phoenix Terminal Blocks
MIC/LINE IN	1 x 3-pin 3.81 mm pluggable Phoenix Terminal Blocks

Controls and Indicators – Keypad	
Volume Knob and Volume Level Indicator	Use the volume knob to adjust the audio output volume, for Mute & Unmute. the corresponding volume level indicator will be on.
Display ON Button	1 x Turns on the display device
Display OFF Button	1 x Turns off the display device
HDMI 1 Button	1 x Selects HDMI IN 1 port as the input signal channel
HDMI 2 Button	1 x Selects HDMI IN 2 port as the input signal channel
USB-C Button	1 x Selects USB-C IN port as the input signal channel
SYSTEM ON/OFF Button	1 x Press to turn on the system; Press and hold for three seconds to turn off the system

Controls & Indicators	**TX**	**RX**
Power Indicator	1 x PWR LED (green) indicates the unit is powered on	1 x POWER LED (green) indicates the unit is powered on
LINK Indicator	1 x On indicates link to RX	1 x On indicates link to TX
HDCP Indicator	1 x On indicates HDCP, Off indicates non-HDCP	1 x On indicates HDCP, Off indicates non-HDCP
Input Status Indicator	3 x HDMI 1/ HDMI 2/ USB-C LED (green) indicating selected input	1 x STATUS LED (green) indicates the unit is functioning properly
Input Selection Button	1 x Selects active input	-
IR Receiving Window	1 x IR pass-through or IR learning	-
RESET port	-	Yes
MIC/LINE Selection Switch	-	Yes

Integrated Switching TX/RX	
Video Switching	3x1 video switching; Supports Auto and Manual switching
Video Inputs	1 x USB-C; supports DP Alt-mode and USB 2.0; 2 x HDMI; supports HDMI/HDCP
Video Outputs	1 x HDMI; supports HDMI/HDCP
USB Pass-Through Bandwidth	Maximum Supported USB 2.0 Bandwidth - 220Mbps
HDCP Support	Yes, HDCP 1.4 and 2.2; Key Management System
EDID Management	A preferred EDID can be selected for the input

Video	
Input Compatible Formats	HDMI: HDMI 2.0, 1.x; USB-C: DP Alt-mode, USB2.0
Input Signal Type	HDMI, DisplayPort (only input with HDMI cable adapter)
Output Compatible Formats	HDMI 2.0, 1.x
Input/Output Resolutions	4096x2160p23.98Hz, 4096x2160p24Hz,; 4096x2160p25Hz; 4096x2160p29.97Hz,; 4096x2160p30Hz, 4096x2160p50Hz,; 4096x2160p59.94Hz, 4096x2160p60Hz
Input Video Level	0.5 - 1.2 V p-p
AV LINK Data Rate	10.2 Gbps

Input Pixel Clock (max)	Up to 300 MHz
Output Pixel Clock (max)	Up to 300 MHz
HDCP Support	Yes, HDCP 1.4 and 2.2
CEC Support	Yes, Automatic
Audio	
Local Audio Support	Support USB2.0 audio on USB-C input (when not in DP Alt-mode) Support analog audio input (MIC/LINE IN). Support analog audio output (AUDIO OUT and AMP OUT) AUDIO OUT supports line-level unbalanced mono or stereo audio AMP OUT supports amplified, variable, mono or stereo audio
Audio Format Support	HDMI Pass-thru: LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-ES, DTS-96/24, DTS High Res, DTS-HD MA, DSD; Analog audio output: PCM 2.0
ARC Support	Yes, support on HDMI output
Audio Mixing Ratio	Microphone/Line In: 0 to 100% in 10% steps; HDMI/USB-C/ARC In: 0 to 100% in 10% steps
Audio SNR	AMP: 95 dB @ full output, 1kHz A-weighted ; Line: 93 dB @ 2 V rms, 1kHz A-weighted
Audio THD+N	AMP: <0.3% @ 25 Watts, 20 Hz to 20 kHz ; Line: <0.1% @ 0 dBV, 1 kHz
Audio Output Sync Delay	0 to 200ms
Output Frequency Response	AMP: (+0.5 dB, -1 dB) 20 Hz to 20 kHz; Line: (+0.5 dB, -1 dB) 20 Hz to 20 kHz
Amplifier Output Rated Power (Max.)	2 x 25 W rms, 4 Ohms or 8 Ohms
Line Output Level (Max)	8.2dBu (2 V rms) @ 8 Ohms; 5.8dBu (1.5 V rms) @ 4 Ohms
Line Output Impedance	200 Ohms
Microphone	
Microphone Input Support	Support one mono Mic or Line level input (MIC/LINE IN) Balanced (+, -, and GND) or unbalanced (+ and GND)
Microphone Input Level (Typical)	8.2dBu (2 V rms) @ Line level -25.74dBu (40 mV rms) @ Mic level
Microphone Input Level (Maximum)	16.2dBu (5 V rms) @ Line level -17.8dBu (100 mV rms) @ Mic level
Microphone Input Frequency Response	(+0.5 dB, -1 dB) 20 Hz to 20 kHz
Microphone Input Gain	-21dB to 0dB in 3dB steps
Microphone Input Impedance	>12k Ohms @ Line level 3.5k Ohms, accept 60 to 600 Ohms sources @ Mic level
Microphone Input Ducking	Trigger level: >75mV @ Line level, >1.5mV @ Mic level Ducking level: low, medium, and high Attack: 20 to 80 ms (auto) Release: 20 to 800 ms (auto)

NOTE: Design and specification are subject to change without notice.