

## KAV-1033 AV Media All in One Networked Management System



### DESCRIPTION

New ULTRAKPA innovative all in one management system represents a benchmark of the AV control and switching solutions.

The Media Management Solution includes reliable, high performance switching of HDMI video and audio signals with audio de-embedding via 3x3 HDMI matrix switcher, in addition to all controlling functions via dedicated wireless touch panel and built in control processor are especially well-suited large and medium sized professional audio applications, ensuring stability and offering unparalleled performance tailored for high end purposes.

The ease of use is a key to be admired in ULTRAKPA AV products with the latest features; assuring precise reliability, flexibility, modularity, value; achieving the best control and switching systems. It allows the media server to be deployed over private network or public network for AV distribution, 4-core 8-thread high speed embedded CPU.

### MAIN APPLICATIONS

- Optimum performance for professional grade meeting rooms and medium to large AV applications.
- Professional educational applications for universities and classrooms.

### MAIN FEATURES

- **Web Based Overall Control**
- **Industrial High Speed Embedded CPU**
- **Embedded with RFID Card Reader**
- **3x3 HDMI Matrix Switch**
- **4\*10/100 LAN Switch**
- **RS-232 Interface**
- **Centralized Control & Management**
- **Equipped with Power Amplifier**
- **Compatible with Android & IOS**
- **Built in Access Control Module**
- **Supplied with Ultra-Thin Waterproof Touch Panel**
- **Audio De-Embedder**
- **Optional Wireless Microphone**
- **Connect to NMP for Local Device Control**

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### TECHNICAL SPECIFICATIONS

#### CONTROL PROCESSOR KAV-1033MS

Main Processor	Industrial Embedded High Speed 32-bit CPU
Operating System	Embedded
Network	4 RJ-45 Ports (10/100Mbps)
HDMI Inputs	3
HDMI Outputs	3
Audio Inputs	2x3.5mm (line) 1x6.35mm (mic) 1x2.4GHz mm (wireless mic)
Audio Outputs	1x3.5mm (line) 1x3.5mm (mic mixed out)
Mobile Phone	IOS, Android
USB	2 Ports + Touch USB Ports
RS-232	Available
Infrared Remote Control	Available
Remote Control	For Computer, Laptop, Projectors, Air Conditioner, Power Supplies for external devices through the Internet
Centralized Management	Remote Statistics, Equipment Usage Logs, Energy Consumption, etc are Available
Access Control	Electronic Lock for Power, Status Input, Indoor Switch Input, Control Driver Output
Power Control	For Projection Screen, Display, Single Pole Double Throw Switch
Power Source	AC100~240V
Weight	3.6Kg
Storage Temperature	-10°C to +55°C, +14°F to 131°F
Operation Temperature	0°C to +40°C, 32° to 104°F
Humidity	80%RH (non condensing) less than 95%(non condensing)
Altitude	3000 meter maximum, 10,000 feet maximum

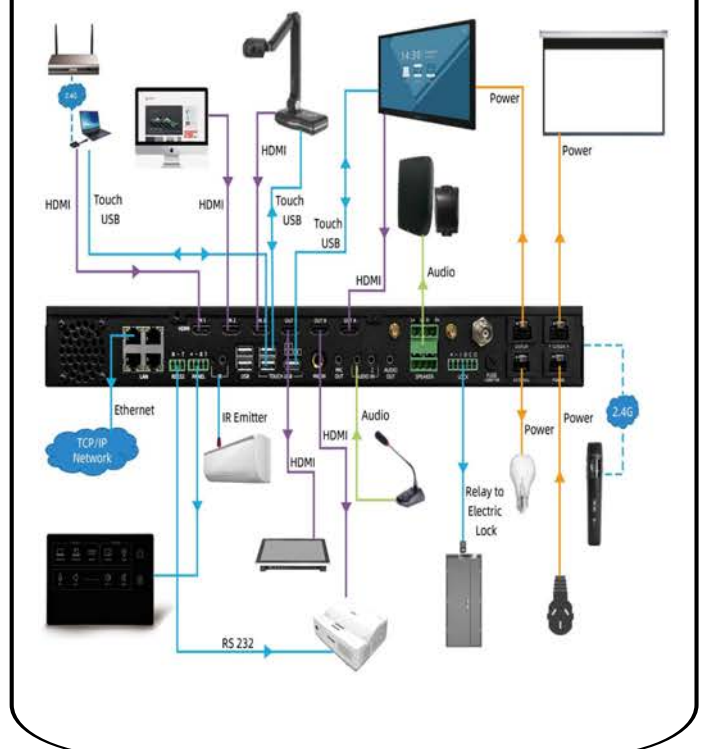
#### Touch Panel KAV-1033TP

Mount	Desktop or Wall
Computer Control	Available
Visualizer Control	Available
Display Control	Available
Light Control	Available
Access Control	Available
Power Control	Available
Microphone Volume Control	Available
Speaker Volume Control	Available
Enclosure	Ultra thin waterproof design with tempered glass
Storage Temperature	- 10°C to 55°C, +14°F to 131°F
Operation Temperature	0°C to +40°C, 32° to 104°F
Humidity	80%RH (non condensing) less than 95%(non condensing)
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#### WIRELESS MICROPHONE KAV-1033F

Frequency Range	650~675MHz
Channels	64
Frequency Bandwidth	25MHz
Sensitivity	less than -94dB
Frequency Response	30~15KHz
Signal to Noise Ratio	greater than 80 dB
Harmonics	less than 0.1%
Dynamic Range	greater than 85 dB
External Audio	NC
Audio Output	greater than +5dBV
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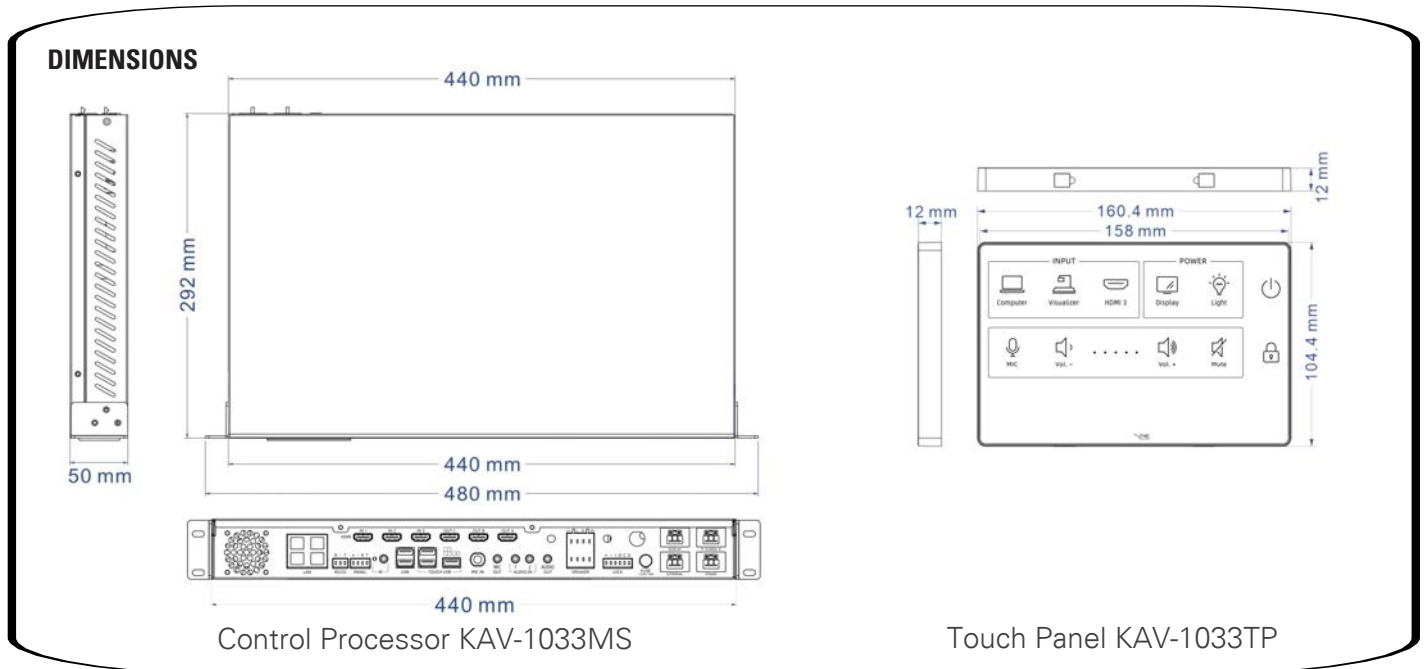
### APPLICATION DIAGRAM



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Every effort has been made to ensure that all the information in this document was correct at the time of going to press. However we are constantly striving to improve our range wherever possible and therefore reserve the right to change the specification of any product without prior notice.

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