

## Full digital system controller RX-V4.1



### Function and feature

- ★ Audio and communication adopt full digital conference technology, compliant to IEC60914 international standard.
- ★ Wired and wireless conference in one controller; One controller can connect wired and wireless units.
- ★ 5 MIC management modes (Support speaking wired microphone 1pc~6pcs; Support speaking wireless microphone 1pc ~3pcs) .
- ★ The controller has a five-in-one function, which can be set as a system controller, a backup controller, an extension controller, a combined controller and a distribution controller.
- ★ Support double machines back-up function to keep the system's safety and stability.
- ★ The system supports max 8 conference rooms splitting/combined function (optional function).
- ★ Built-in noise gate.
- ★ Can setup the microphone unit to linear gain adjustment or automatic gain adjustment.
- ★ The microphone has bass cut function.
- ★ The microphone has a 5-band EQ balance adjustment. And each microphone can be set with a specific EQ and volume adjustment.
- ★ Line 1 input interface can be setup as microphone input or linear input.
- ★ Each channel input and output has independent volume adjustment function.
- ★ The controller can connect computer, central controller and HD video matrix.
- ★ The controller has 8 microphones/line inputs.
- ★ The controller has 8 microphone group array outputs.
- ★ The controller supports remote conference function.
- ★ The controller supports 8-channel microphone digital signal output to the computer. And working with the software, it has automatic voice analysis function.
- ★ Controller supports multi-channel DANTE protocol.
- ★ Support max 8 cameras' video tracking function.
- ★ Support max 100 delegates to apply for speaking sequence; It can display real-time application sequence on PC software.
- ★ System supports 150 chairman units. It could specify any unit as VIP unit.
- ★ Working with conference management software to achieve "One click backup and restore" function.

### Technical parameter

Model	RX-V4.1 Series
Working power	AC100—240V, 50/60Hz, 4A
Working consumption	Depends on QTY of units: Single 6W, max 320W
Display	2.8 inch screen
Menu	Chinese/English or custom made
Capacity of each way	Conference units: 20pcs
System capacity	120 multi-function units; Can be expanded to 4095 units
Transmission distance	Max 100M
Voltage of unit output port	24V
Audio input	RCA x 1 11dBV; XLR x 1 11dBV
Audio output	RCA x 1 10dBV; XLR x 1 16dBV
Output impedance	RCA: 650Ω; XLR: 460Ω
Frequency response	20~20KHz
SNR	>90dB
Dynamic range	>90dB
Total harmonic distortion	< 0.05%
External microphone port	1 port
Unit ID number	User defined
Quantity of possible chairman units	150pcs
Special function	Support 1 backup controller; In meeting room combine mode, it supports 8 combined controllers; It supports max 99 controllers
Serial port control	RS-232 x 2
Network port control	RJ45 x 2
Working modes	5 modes
Quantity of speaking microphones	1~6
Speaking limit function	Yes
Video control type	RS-422 / RX-485
Unit connector	6PIN DIN
Balling unit capacity	8PCS
Quantity of panorama	Can setup 8X4 Panorama points; Can setup switching time & order
Color	Dark grey
Net weight	8KG
Dimension	432×90×350 mm
Installation	Suitable for 19 inch standard stand