



Two-way Communication Happy Learning Easy Maintenance Convenient Use Sound Quality



IP-based PA system with intercom system

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IP-based PA system with intercom function

| Model | IP-Address - Box |
|-------------------------------|--|
| Appearance Description | |
| Dimensions (Lx W x H) | 157mm x 102mm x 36mm |
| Weight | 194g |
| ID appearance | White |
| Interface | |
| Input | LAN: RJ45 x 1 Audio In:3.5mm x1(3-sections stereo 3.5mm Jack) DC 19V In x1 (2.5ψ DC Jack) |
| Output | Audio Out x1(3-sections stereo 3.5mm Jack) Amplifier Out: Speaker Push Terminal RS-232: D- SUB 9 |
| IP address function | |
| Fundamental functions | 1.Network transport protocol 2.IP-based PA system (Messages start from center console) 3.Timed broadcast (set by the computer control software, organize, edit media files) 4.Two ways voice calls (can be initiated by the center console) 5.Quick inform (initiated by the wireless microphone center console) |
| Others | |
| Power wattage | Switching Power Supply DC19V/2A |
| Safety and regulation | BSMI, NCC |
| Accessories | |
| Standard accessories | IP address box x 1 (Host box), 3-sections stereo (L-type 3.5mm to 3.5mm) x 1(for audio in or audio out), Power supplier 19V/2A(Wall mount) x 1, Wireless transmitter x 1, USB charging cable x 1, User's manual CD x 1, MIC instruction x 1 |
| Optional accessories | IP Center console table, CH-30 Speaker, Audio cable 15M, Adapter, Headset MIC |



| Model | IP-Address - Speaker & MIC |
|------------------------------------|---|
| Speaker spec. | |
| Amplifier | Class D |
| Wattage Output | 30W Stereo |
| Speaker spec. | 2.75" 10W/8Ω x2 full rang (high performance speaker) |
| SPL(Sound Pressure Level) | 92Sb/W |
| Frequency Response | 50Hz ~20kHz |
| Dimension | 254.1 x 250 x 90mm |
| Weight | 1.5Kg |
| Power Supply | Switching Power Supply DC19V/2A |
| Input | Specker MIC |
| Audio Auto Off | Audio in x1, DC in x1 MIC in x1, DC 5V in x1, Audio in x1 60sec |
| Microphone spec. | |
| Microphone Type | Collar type |
| Sensitivity | -37dB(f=1KHz, S.P.L=1Pa, 0dB=1V/Pa) |
| Signal to Noise Ratio | 70dB |
| Maximum Input SPL | 120dB(f=1KHz, THD<1%) |
| Dimension | 85 x 42 x 10mm |
| Inform Button | Push the inform button to the center control system and communication with each onthr. |
| Wireless Spec. | |
| Voltage Range | 3.6V ~ 5V |
| Current | < 50mA |
| Frequency Response | 2.4G ~ 2.483G |
| Channel | 20 channels (Auto-match) |
| Frequency Match | GFSK |
| Audio Shift | < 1.5ms |
| Dynamic Range@ 1KHz | 81dB |
| Separating Degree@ 1 KHz | 90dB |
| Distortion THD | 0.10% |
| Matching Time | 3 sec |
| Matching Distance | 2M < |
| Frequency Match Distance | 30M (Free space) |
| Battery Type | Lithium battery |
| Battery Time | at least 8 hr use |
| Battery Change Time | 4hr from exhausted for full charge |
| Receiver (Build in Speaker) | |
| Sensitivity | -85dBm(Min) |
| Output Resistance | 32Ω |
| Output Voltage | 2Vp-p(Max) |
| Transmitter (MIC) | |
| Transmitter Power | 10mW |
| Input Resistance | 10kΩ |
| Input Voltage | 2.8Vp-p(MAX) |
| Power System | DC 5V(USB charge wire) |
| Audio in | MIC in / Audio in |
| Priority Channel | MIC first priority |
| Other Spec. | |
| Safety | CCC, SRRC, BSMI, NCC, CE,FCC |
| Accessories | Speaker MIC |
| | Power code x1, Power adapter x1, 3.5mm audio cable x1, Sponges, User's Manual(CD) , QSG 3.5mm USB cable, Clip-on microphone, Sling |



Inform Button

*specifications subject to change without notice.

| Model | IP-Address - Center Console Table |
|---|--|
| Spec | |
| Working wattage | 12V/1A |
| Power consumption | <300mW |
| Working temperature | 0~65 °C |
| Network terminal | 10/100 Base-TX network configuration |
| Internet protocol | Support IP,ICMP,DHCP,UDP,DNS,IGMP |
| Audio playback | Support max. 48K sampling, 192Kbps bit stream, MPEG,ADPCM decoding |
| Audio sampling playback | support ADPCM decoding, 8K~32K sampling rate |
| MIC audio bandwidth | 70Hz~12.5KHz |
| Audio speaker ourput | 2W Mono Speaker |
| Audio input | RCA stereo audio terminal X 1 |
| Audio output | RCA stereo audio terminal X 1 |
| Screen | 2.8 inch TFT-LCD |
| Appearance | Metal appearance |
| Dimensions | 210mm*145mm*70mm |
| FW version | V2.506C-TR |
| Product features | |
| 1.ARM+DSP configuration | |
| 2. Remote network FW upgrade | |
| 3. Standard RJ45 network terminal, support cross-network and cross-router | |
| 4. Deploy HI-FI gooseneck microphone | |
| 5. Doplody LCD display | |
| 6. Built-in amplifier + speaker | |
| 7. 20 input buttons with micro-switch function | |
| 8. Provide one audio input and one audio output | |
| 9. Broadcast on the whole network, the regional broadcast, or addressed broadcast | |
| 10.Use IP address to search numbers | |
| 11. Two ways intercom from the terminal to IP-addressed position | |



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| Model | IP-Address - Software control system |
|---|--------------------------------------|
| Function features | |
| 1. The system supports WINDOWS 7, 8, 32 and 64 bit operating systems. With the traditional/ simple Chinese, English operational interface, switchable language interface.With the implementation of the state, regular bell, time broadcast, basic settings, terminal settings. The remote console table can set up a single, sub-area or all terminals preset playback volume, according to the terminal needs to set the volume. | |
| 2. Scheduled broadcast tasks: A. The host can organize tasks, edit tasks, watch tasks, delete tasks B. The host can be manually executed and manually stop the timer broadcast | |
| 3. On-demand management: A. On-demand file, specified by the workstation automatically or manually play. | |
| 4. Acceptance, the need to specify the actual operation of the specified MP3 program playback, to ensure that the device is normal. | |
| 5. Acceptance, the actual operation of the workstation to connect the master software, and operation of the specified time specified MP3 program playback function to ensure that the system with remote workstation functionality (remote operation of the workstation, the host software to maintain open connection). | |

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