



Automatic Feedback Suppressor



OWNER'S MANUAL

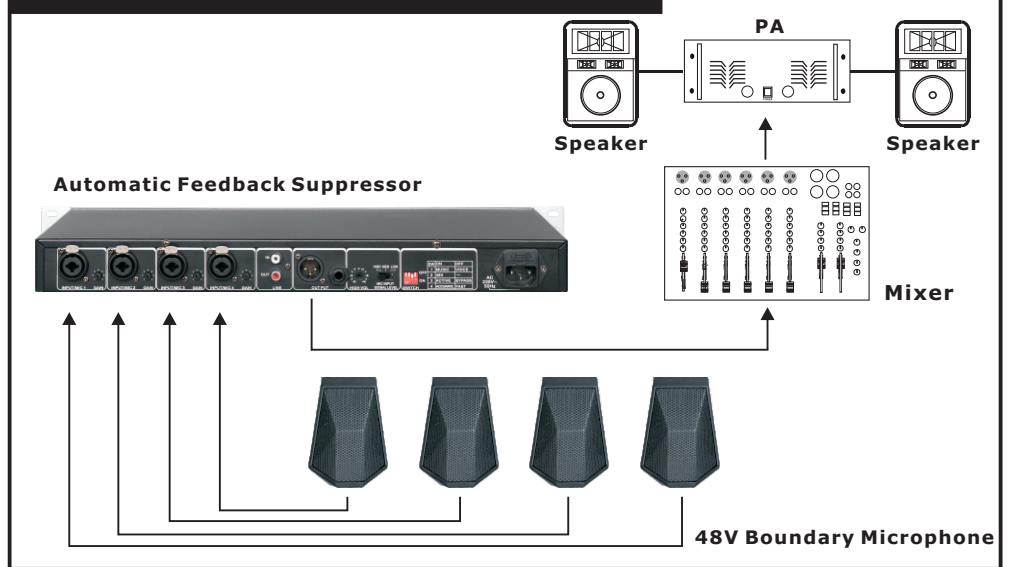
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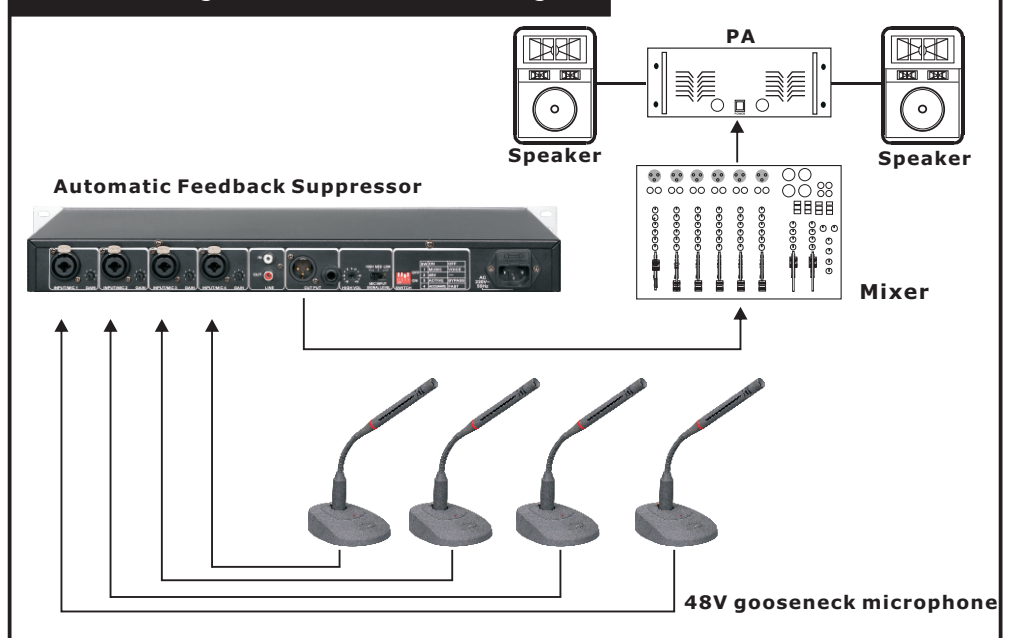
Warning

- 1, Before installation, make sure to use the correct voltage;
- 2, In order to fully ventilated, the minimum clearance around the equipment 50CM;
- 3, Vents should not be covered, such as newspapers, table cloths and curtains, etc. impede ventilation;
- 4, The machine should not be placed naked flame sources, such as lighted candles;
- 5, The device maintain ventilation to avoid the high temperature, direct sunlight and moisture and other environments;
- 6, The machine should not be exposed to dripping or splashing, you should not place objects filled with liquids such as vases;
- 7, Do not crash, throw, vibration of the machine, so as not to damage the machine;
- 8, The machine marked with hazard warning sign "⚡" This flag is: HAZARDOUS LIVE warning; marked with external wires connected to a port such signs need to go through the guidance of staff to install;
- 9, If not a short leave of the machine is working, turn off the machine, unplug the power adapter next, must not be allowed to open the machine;
- 10, Or pull the power cord can not be trampled.

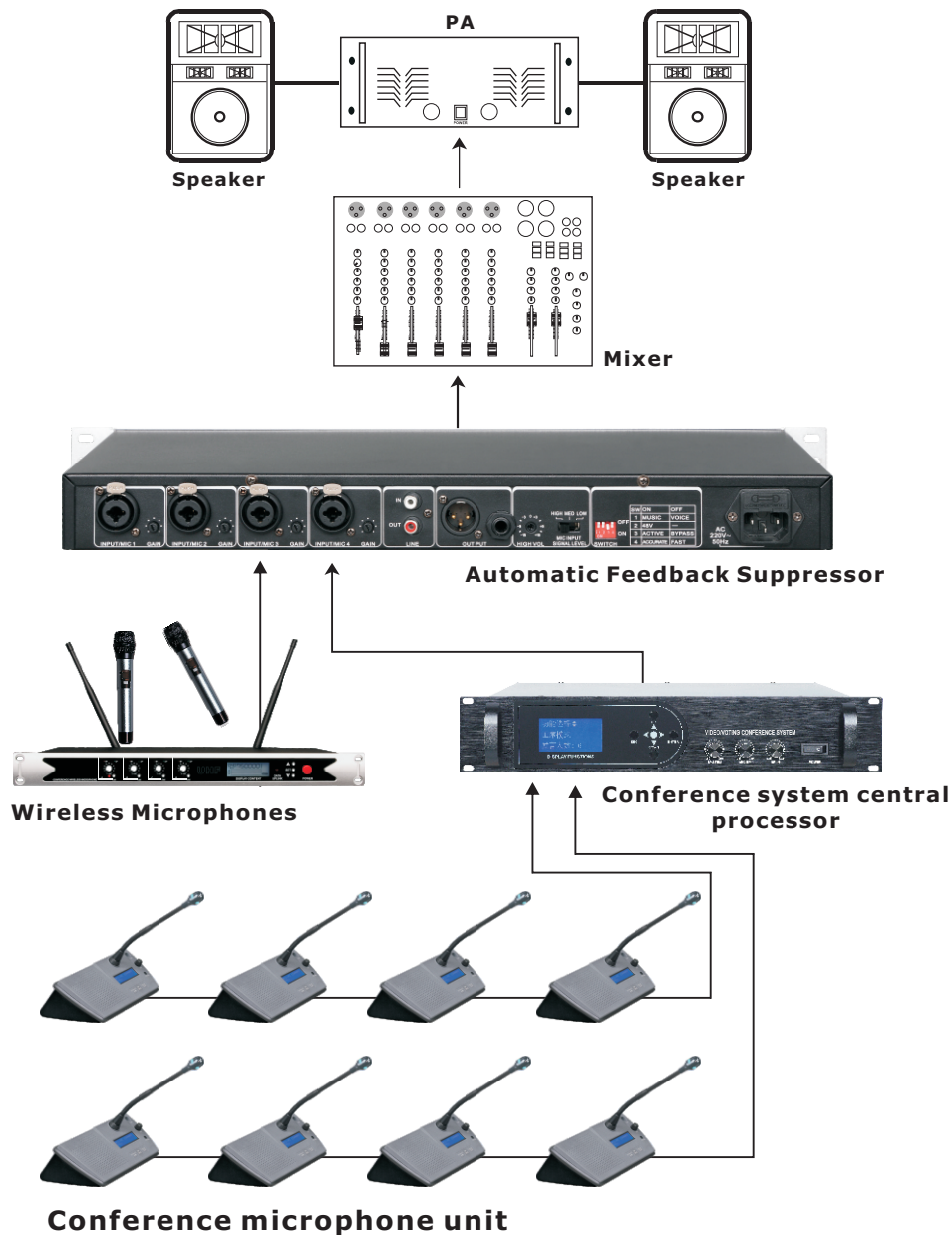
Multimedia Classroom - Connection Diagram



Small meeting room - connection diagram



Large / medium-sized conference room - connection diagram



Product Description

- ◆ Four-channel high-speed automatic feed-suppressor signal using a powerful processor combined with factory patented algorithm to suppress acoustic feedback occurs. It uses echo cancellation and eliminate reverberation algorithms effectively filter room reverberation, in order to achieve the purpose of elimination of acoustic feedback before acoustic feedback occurs, you can get up to 12dB of additional gain, depending on the acoustical environment and the selected action mode. The change in frequency of the output signal of 5Hz, can detect the signal components resulting in reverb and feedback appeared before it was removed, while maintaining the original signal intact, achieved without diacritical by shielding the noise to the output signal, and / or non-metal tail. High school low grades input level selection, to prevent distortion of the peak input, effectively increase the microphone pickup range 30 ~ 100CM. With LCD display mode, you can view real-time to the site usage.
- 4-channel input (balanced line input / microphone input, or select the 4-channel unbalanced inputs 6.35), for maximum compatibility with different devices on different occasions needs. Provides 48V phantom power switch to select the module can provide power to four phantom microphone.
- ◆ This product is suitable for a variety of large and small conference rooms, lecture halls; multimedia classroom PA; KTV rooms, a variety of large concerts and other occasions.



Overview



- ① · Power switch.
- ② · Quick calibration button. Such as LCD "CALIBRATE" box Liang said in a rapid correction state.
- ③ · LCD status, the bypass / work switch state, as represented in the arrows pointing BYPASS bypass state, such as an arrow pointing to the "ACTIVE" indicates active. When the input signal level exceeds the rated range, "PRESENT" box Anti Baichang Liang (voice Omitted straight this time, should be appropriate to reduce the input signal level).



- ① · INPUT/MIC 1---Channel 1 , GAIN---Volume adjustment.
 - ② · INPUT/MIC 2---Channel 2 , GAIN---Volume adjustment.
 - ③ · INPUT/MIC 3---Channel 3 , GAIN---Volume adjustment.
 - ④ · INPUT/MIC 4---Channel 4 , GAIN---Volume adjustment.
 - ⑤ · IN--- Line Input, OUT---Line output
 - ⑥ · Balance output/6.35mm output
 - ⑦ · Treble adjustment
 - ⑧ · Input level selector switch: HIGH - High level (such as conference microphone, condenser microphone), MED- MED level, LOW - Low level (if line dynamic microphone)
 - ⑨ · Operating mode selector switch
- | Switch | ON (DOWN) | OFF (UP) |
|--------|----------------------------------|--------------------------------|
| 1 | MUSIC-----Music Mode | VOICE-----VOICE Mode |
| 2 | 48V-----48V phantom power | — -----Phantom Power Close |
| 3 | ACTIVE-----Working status | BYPASS-----Bypass status |
| 4 | ACCURATE MODE-----Precision mode | FAST MODE-----Rapid filtration |
- ⑩ · Power plug

Operating Instructions

- ① · Please refer to this manual in the "System Connection Diagram", all the devices connected correctly.
- ② · Open Mic (recommended in the meeting room at the same time open microphones at different locations around four), and slowly turn up the volume and then began to speak, the scene when they heard a slight whistle, open ACTIVE, then slowly turn up the volume, tone when the bout to whistle a little tune down the volume, and then click on the "CALIBRATE" Quick calibration button (at this site to keep quiet), the speaker will send out 1.5 seconds or so "rustling" noise (this is the machine is scanning live acoustic environment), sweep seedlings has been completed, you can start the meeting.
- ③ · Special Note: Turn the microphone to speak, if the display "PRESENT" anti-white box indicates the input level is too large, should reduce the level of the input signal (the microphone volume decrease) in front of the device, to avoid signal distortion (if the field loud enough, you can adjust the mixer or amplifier suitable large).
- ④ · Please correct "Input level select switch." "HIGH" High-level input (such as wireless microphones, condenser microphone, etc.), MED in level inputs, LOW LOW input (such as a wired dynamic microphones)

Technical parameters

- ◆ Rated voltage: 220V±10% 50Hz
- ◆ Phantom Power: 48V (Four Channel)
- ◆ Power consumption: 15W
- ◆ Sampling rate: 32KHz
- ◆ Frequency response:
 - 125Hz~15KHz (voice mode)
 - 20Hz~15KHz (music mode)
- ◆ Distortion: <0.1%@1KHz
- ◆ Signal-to-noise ratio: >90dB
- ◆ Signal delay: 7ms (Music mode) 11ms (Voice mode)
- ◆ Input impedance: 20KΩ
- ◆ Output impedance: 200Ω (Balance)
- ◆ Temperature range: -10~55℃
- ◆ Weight: 3.5kg
- ◆ Dimensions: 480x220x44mm