

## DSP8 Digital Feedback Suppressor

### DSP8 Digital Feedback Suppressor

- The digital feedback suppressor is a helpful signal processor to set up a high level conference system.
- It is used to eliminate the echo to avoid noise when microphone is directed to the speaker.
- It is used to eliminate the feedback to avoid noise when the high sensitivity microphone is touched by hand.
- Built-in DSP (digital signal processor) to filter the high frequency while restore the voice speech clearly.
- It is also used to protect the speaker from instant high power burn.
- With 6 balanced microphone inputs with phantom power
- With 6 unbalanced microphone or line inputs.
- Separate switch to open the effecter for microphone and line.
- Working principle: the signal from amplifier will be fed into this feedback suppressor, after DSP processing, the signal will be back to the amplifier and loudspeaker. It works as an signal processor to cut the high or low undesired frequency so as to make the speech is comfortable while also protect the amplifier and speaker from burn down.



### Detailed

| Model            | DSP8   |
|------------------|--|
| Description      | Digital Feedback Suppressor  |
| Channel Input    | 12 channels  |
| Connector        | 6 channel XLR for microphone and 6 line/microphone unbalanced inputs |
| Display          | With 3" English LCD  |
| Effecter         | DSP  |
| Frequency Shift  | 5Hz±1Hz  |
| Output Impedance | ≥5KΩ   |
| Microphone Gain  | 5 to 14dB  |

|                    |                        |
|--------------------|------------------------|
| Frequency Response | 20-20KHz and 150W      |
| S/N Ratio          | >75dB                  |
| THD                | <0.05%                 |
| Power Supply       | AC220V or 115V         |
| Dimension          | 480(W)×340(D)×150(H)mm |
| Weight             | 2.2kg                  |

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