Feedback Exterminator DSP Module FBE100

1. Features:

- 24-bit DSP, 24-bit A/D, D/A, 48 kHz Sampling Rate.
- Stereo processing, Each channel have12 Filters
- 6 Filters in single Feedback Exterminate Lock Mode, 6 Filters work in Automatically Track Mode.
- Automatic Feedback Exterminate and Bypass
- Size: 70mm*60mm (W*D)

2. Function parameters:

- Bandwidth: 20Hz-20kHz.
- SNR: 95dB A-weighted.
- Distortion: 0.065%(1kHz, 0dB).
- Max. Input Level: 10vpp.
- Gain: 2.5dB

3. Power consumption:

- +5v 50mA
- +12v 7mA
- -12v -7mA

4. Operation specification:

- Switch with lock ON/OFF to Enable Feedback Exterminator or BYPASS
- Switch without Lock: Press the Switch without Lock for 5 sec when power on, then can reset the Single Filter.

5. Interface specification:

No.1 D5-----Digital +5v power supply
No.2 DG----Digital Ground.
No.3 **-** ------- -12v or -15v Analog negative power supply.
No.4 **+** ------- +12v or +15v Analog positive power supply.
No.5 RI-----Right Channel Input.
No.6 LI-----Left Channel Output.
No.7 G------Analog Ground.
No.8 LO----Left Channel Output.
No.9 RO----Right Channel Output.