



# DF series

## 反馈抑制器 FEEDBACK SUPPRESSOR

- 会议及教育等语言扩声系统中防啸叫完美解决方案。
  - 2寸TFT彩屏,分辨率220x176,中英文可选。
  - 移频防啸叫,4档可选。
  - 每通道设24个自动陷波器,工作频率20-20KHz,自动扫描啸叫点并抑制,可灵活设置静态锁定点数量。
  - 每通道24段PEQ参量均衡,可灵活设置。
  - 噪声门可避免静态状态下系统弱噪声干扰。
  - 输入压缩,人声动态可控且具有一定啸叫抑制能力。
  - 响应时间快,适应更多应用场景需求。
  - USB免驱即插即用,配备专业PC调试软件,方便快捷。
  - 可存储10组配置,灵活存储调用。
- The perfect solution to prevent howling in conference and educational language amplifying system.
  - 2-inch TFT color screen, resolution 220x176, Chinese and English optional.
  - Frequency shift to prevent howling, 4 gear optional.
  - Each channel is equipped with 24 automatic notch filter, working frequency 20-20 kHz, automatic scanning and suppression of howling point, can be flexibly set the number of static locking point.
  - PEQ parameters of 24 segments per channel are balanced and can be set flexibly.
  - The noise gate can avoid the system weak noise disturbance in the static state.
  - Input compression, human voice dynamic control and a certain ability to suppress the howling.
  - Fast response time, adapt to the needs of more application scenarios.
  - USB drive-free plug and play, equipped with professional PC debugging software, convenient and fast.
  - Can Store 10 sets of configuration, flexible storage calls.

### SPECIFICATIONS

型号MODEL	DF224		
输入输出通道 INPUT/OUTPUT CHANNELS	2进2出 2 IN/2 OUT		
输入接口 INPUT CONNECTOR	母卡侬座FEMALE(XLR)/话筒直插MICROPHONE(TRS)		
输出接口 OUTPUT CONNECTOR	公卡侬座MALE(XLR)/话筒直插MICROPHONE(TRS)		
频率响应 FREQUENCY RESPONSE	20Hz-20KHz, ±0.3dB		
信噪比 S/N RATIO	> 105dB	失真度 THD	<0.003% OUTPUT=0db/1KHz
动态范围 DYNAMIC RANGE	103dB	最大输入电平 MAX INPUT LEVEL	+18dBu
输入阻抗 INPUT IMPEDANCE	平衡BALANCE: 47 KOHms; 不平衡UNBALANCED: 20KOHms		
最大输出电平 MAX OUTPUT LEVEL	+20dBu BYPASS		
输出阻抗 OUTPUT IMPEDANCE	平衡BALANCE: 120 OHms 不平衡UNBALANCED: 60 KOHms		
啸叫寻找与抑制方式 HOWLING & SUPPRESSES	全自动式陷波/移频 automatic notch/frequency shift		
滤波器FILTER	每通道独立可调整最多24个, 默认值12个固定点, 默认值12个动态点 Each channel can be adjusted independently up to 24, the default value of 12 fixed points, the default value of 12 dynamic points		
PEQ均衡器EQUALIZER	每通道有24段参量均衡, 可灵活设置 Each channel has 24 segments of parameter balance, can be set flexibly		
传声增益ACOUSTIC GAIN	6--10 dB	系统增益SYSTEM GAIN	12dB
压缩COMPRESSION	可调整参数为:门限值:-100dBu - +0dBu、步距为1dBu、压缩比1.0:1-128:1、步距为1, 响应时间: 10ms-100ms、步距为1ms, 释放时间: 10ms-5000ms、步距为1ms The adjustable parameters are: threshold value: -100 dBu-+ 0 dbu, step distance: 1 dBu, compression ratio: 1.0:1-128:1, step distance: 1, response time: 10 ms-100 ms, Step Distance: 1 ms, Release Time: 10 ms-5000ms, Step Distance: 1ms		
限幅LIMITING	可调整参数为:门限值:-40dBu-+20dBu、步距为0.1dBu, 响应时间: 10ms-200ms、步距为1ms 释放时间: 20ms-3200ms、步距为2xat The adjustable parameters are: threshold value: -40 dbu-+ 20 dbu, step distance 0.1 dbu, response time: 10 Ms-200 MS, Step Distance: 1 ms release time: 20 Ms-3200 MS, step distance: 2 xat		
噪声门NOISE	可调整参数为:门限值:-99dBu - -60dBu, 步距为1dBu Adjustable parameter: threshold value: -99 dBu--60 dBu, 1dBu step		
处理器PROCESSOR	96KHz采样频率, 32-bitDSP处理器, 24-bitA/D及D/A转换 96KHz sampling frequency, 32-bit DSP processor, 24-bitA/D and D/A conversion		
显示屏DISPLAY SCREEN	2寸TFT彩屏, 分辨率220x176, 菜单中英文可选 2-inch TFT color screen, 220x176 resolution, optional menu in English and Chinese		
供电电源 POWER SUPPLY	AC 220V 50/60Hz		
产品尺寸 DIMENSIONS(WxDxH)mm	483x270x45	净重 NET WEIGHT	3 KG