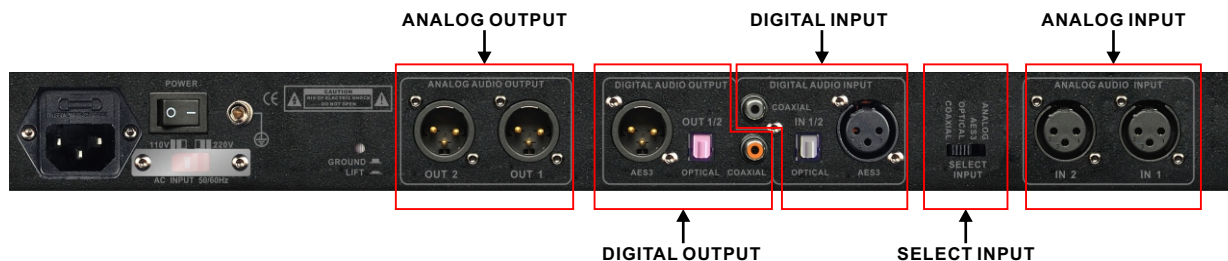


**MODEL:DF2**



**FEATURES**

- 192 KHz sampling rate, 32 - bit DSP processor, 24 - bit A/D and D/A converter.
- Digital signal input channels come with 2 coaxial (SPDIF), 1 xlr-aes (stereo), and 1 optical (stereo).
- Digital signal output channels come with 2 coaxial (SPDIF), 1 xlr-aes (stereo) and 1 optical (stereo).
- 24 LED display to show active filter use (for each of the stereo channels).
- Work mode is switchable to bypass or suppress by button bypass/on.
- Unit offers one-key clear-reset for the filter's last used configuration.
- 30 types of unit-parameters can be stored into the device.
- LCD with 144x32 pixels show the function settings menu. Also, a 6 band LED digital level-meter shows status of output.
- Device settings can be locked via the password-function (to avoid unwanted or unauthorized) parameter changes.

**SPECIFICATION**

MODEL	DF2
Input channel jacks	2 analog XLR, 1 digital XLR-AES (stereo), 1 digital coaxial (stereo), 1 digital optical (stereo).
Output channel jacks	2 analog XLR, 1 digital XLR-AES (stereo), 1 digital coaxial (SPDIF), 1 digital optical (stereo).
Input impedance	Balanced: 20KΩ.
Output impedance	Balanced: 100Ω.
CMRR	>70dB(1KHz).
Input range	≤+ 20db.
Frequency response	15Hz to 25KHz(-0.3db).
S/N R	>110db.
THD	<0.01% OUTPUT=0db/1KHz.
Crosstalk of channels	> 80db(1KHz).
Feedback detect and reduction	Detects and eliminates feedback automatically by use of notch filters.
Signal input frequency response	20Hz to 20kHz ±0. 5db.
Filters	24 independent digital filters each channel.
Min filter width	1/27th octave.
Max filter width	1/14th octave.
Resolution	0.5 Hz.
Time required to find/eliminate a feedback-attack	0.1--0.5s.
FFT length	2048.
Gain increased	6--10 db.
Gain	0dB.
Compress	Level: -40db ~ +20db rate: 1:1.0 ~ 1:20.0 response time: 10~200ms recovery time: 50ms~5000ms.
limit	Level: -40db ~ +20db response time: 10~200ms recovery time: 50ms~5000ms.
noisegate	-120db ~ -40db.
Processor	192KHz sampling rate, 32-bit DSP processor, 24-bit A/D and D/A converter.
Power supply	AC110V~240V 50/60Hz.
Power consumption	<20W.
Unit mass	1U.
Product dimension (W×D×H)	482 x 148 x 44mm.
Net weight	2.3kg.
Shipping dimension (W×D×H)	1 piece: 553 x 296 x 98mm/0.0160m³. 6 pieces: 566 x 309 x 628mm/0.1098m³.
Gross weight	1 piece: 4.3(kg). 6 pieces: 30(kg).