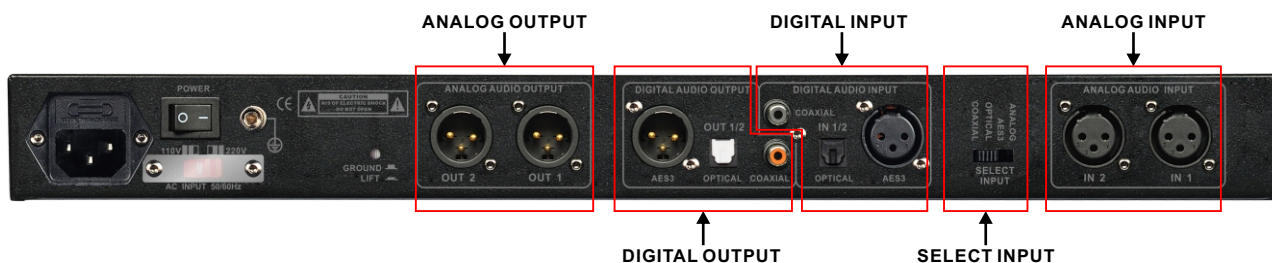


## MODEL:DF2



## 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).   |