

The Sintefex Replicator FX2000 Classic EQ/Compressor

Analogue warmth using unique Sampled Analogue Sound Technology.

The **FX2000** simulates many original sound processors using samples of the original equipment, including

- **Pultec IA3**
- **Fairchild 660**
- **Teledyne LA2**
- **Urei LA3**
- **Urei 1176 (black and silver front)**
- **Various desk channel EQ's**
- **many more...**

- All Digital Processing, 24 bit precision 44.1 - 96kHz sampling, with digital repeatability.
- 4 band per channel EQ simulator, each channel available separately or together in perfectly matched stereo.
- Unique level dependent sampling technology means that just like the original analogue effect the **FX2000** sounds different depending on how hard you drive it.
- Storage for over 1,000 compressor samples, programs and classic EQ's.
- Ever increasing range of sampled units available in internet library for free download.
- Unique digital gain linking for multi-channel applications and recording of gain reduction profiles.
- Low Latency Processing means no excessive delays: suitable for real time use, e.g live and recording.
- Imports programs from **Replicator FX8000** Sampling Multi-channel Unit.
- Hear classic EQ units in a new light with Replicator's unique **power-linear** mode of linear phase EQ.
- Simple, easy to use front panel layout with instant access to each channel and each section.
- Digital output level control for instant level balancing always active (except on bypass).
- Fully remote controllable for desktop operation using **Sintefex Replimat** software.

Sintefex Audio Lda.

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Technical Specifications

2U rack mount unit 480w x 88h x 380d .

Power requirement: 205 - 250VAC or 100 - 120VAC, less than 50VA.

Balanced Stereo XLR input and output, +18dBu for peak digital (standard, customisable +10dBu to +24dBu, pin 2 hot).

Sample rates: internal 44.1, 48, 88.2 and 96k. Others supported to external reference.

AES digital input and output.. XLR, single cable 96k stereo operation. 24-bit precision at all rates. Fitted as standard.

BNC wordclock input..

MIDI connection for real time MIDI control.

USB data connection for remote control,, as well as software and sample loading and management.

Internal hard disk for program and effects storage, minimum 3Gigabytes, including spin down mode for quiet operation.

Frequency response (dependent on original analogue sample), or 20Hz - 20kHz + -0.2dB with sample bypassed. (20Hz - 40kHz +0.1, -2dB at 96kHz sampling).

10 SHARC® floating point digital signal processors delivering almost 2Gflops of processing power.



Note: Sampled product names are used as a statement of fact that the signal paths were sampled from these original units. There is no implication that Sintefex Audio Lda endorses these original products or that the original manufacturers endorse Sintefex Audio Lda. All trademarks are the properties of their respective owners. Specifications subject to change without notice in line with our policy of continual improvement. It is the customer's responsibility to determine suitability for a particular application.

Dealer Stamp