Sintefex Audio

Technical Documentation

Library Presets, FX8000 and FX2000

11th Feb 2004

Contents...

What are Effects, Programs and Samples?

EFFECTS are the Classic EQ and Classic Compressors pre-built as part of the library for use on FX2000 and FX8000. They are of type ".rfx" when stored on a PC.

PROGRAMS are settings of the FX2000 or FX8000 saved for recreating the same effect again in the future. They usually use EFFECTS or SAMPLES to achieve their effect, which must also be loaded on the FX machine. Factory preset PROGRAMS use banks 5,6,7 and 8. Users can use 1,2,3 and 4. They are of type ".rpg" when stored on a PC.

- If an FX2000 user loads a program for an FX8000 that makes use of the digital EQ or delay/reverb AFX functions of the FX8000, these parts of the effect will not be heard on the FX2000. Snapshot samples and classic EQ and Compressor settings will be available however.

SAMPLES are snapshots of audio processors including compressors, loudspeaker/mic signal paths (some with ambience), distorted signal paths, tape recording paths, etc and are mainly for FX8000 users but can be used by some PROGRAMS on FX2000. Factory presets use banks 5,6,7 and 8. Users can use 1,2,3 and 4. They are of type ".rsm" when stored on a PC.

Overview, Downloading from Web and to Replicator

All program, effects and sample files are on the Sintefex Audio web site in the "Downloads" page.

From the "Downloads" page you can

- see the latest samples available by pressing the button "Go to Software & FX Download area",
- apply for a password following the simple instructions - this is free and is issued automatically within seconds,

- download any file you need by simply clicking on it once you have your password.

Please note that the list of files on the website is the most up-to-date list and may contain additional samples not listed here.

All files you download should be stored together on your PC in a directory named fxlib (or a name of your own choice). We suggest you keep an up-to-date copy here to avoid too much downloading as you only need to download any that have changed and you will then always have an up-to-date copy available if you need to reload Replicator.

Many files are available individually or in groups in ZIP files. ZIP files are slightly quicker to download and allow you to start a long download of multiple while you do something else. However you need to unzip them using a commercial unzipping program. This is quick and simple. You can keep the zipped files and unzipped version together in the same directory. Please email info@sintefex.com if you need more information on unzipping.

To transfer samples to Replicator use Replimat software (minimum version 2.1, preferred at least version 3.1) and a PC running Windows XP, Windows 98 (SE) or Windows 2000 and equipped with a USB interface.

In Replimat click the starburst button and set the Replimat "Local Programs, Samples and Effects Folder" to the fxlib directory by selecting any file in the directory listing. Clicking "PC to Replicator" and tick any of programs, samples and effects check boxes and enter the bank number and range of items to download, and these will be sent to Replicator when you press GO.

Minimum Replicator software version is 2.1 software (preferred at least version 3.1) for proper support of all programs, samples and effects. If you do not have this version you should do a free update in the same way as loading programs. The latest software is available from the Downloads page as described above. Download the zipped software and unzip them into suitable directories , e.g. Replimat and Replicator.

If you have not run Replimat before, after unzipping it simply execute it from the folder you placed it in or make a shortcut on the desktop. You should run the latest version of Replimat available on the website.

If you have not connected Replicator to your PC using USB before, on Replicator select USB remote control "standard" and USB Remote Control "yes" and press "do it". Connect Replicator to the PC using a standard cable and follow driver installation notes stored with the drivers on the Sintefex web download site. Replicator will report "USB host attached" when driver installation is complete. You can then run Replimat to transfer files.

Sintefex Audio

Technical Documentation

Effects: Classic EQ and Classic Compressors

Effects are factory-built multi-sample effects. They are stored on the PC with the extension .RSM and with a name indicating the contents. To support all effects Replicator s/w version 2.1 or greater must be used.

After loading any Effects, use the "tidy disk" page on Replicator to sort the effects into the correct order otherwise they will be mixed up in the displays.

Effects Bank 1: Classic EQs.

#	Name (max 16 chars)	Samp Rate	Notes	orig samp rate
1	US tube prog EQ	44.1	Sample of Pultec EQP-1A3 program equaliser	48
2	US tube prog EQ	48		48
3	US tube prog EQ	88.2		48
4	US tube prog EQ	96		48
5	Euro PE1 tube EQ	44.1	Sample of Tubetech rebuild of Pultec design	96
6	Euro PE1 tube EQ	48		96
7	Euro PE1 tube EQ	88.2		96
8	Euro PE1 tube EQ	96		96
9	US Desk EQ 550A	44.1	Sample of API desk EQ module, often now racked into outboard	96
10	US Desk EQ 550A	48		96
11	US Desk EQ 550A	88.2		96
12	US Desk EQ 550A	96		96
13	UK Desk EQ G268	44.1	Sample of Cadac Desk of 70's, based on gyrator resonant sections	96
14	UK Desk EQ G268	48		96
15	UK Desk EQ G268	88.2		96
16	UK Desk EQ G268	96		96
17	Euro EQ split LF	44.1	Euro PE1 but with frequencies separated for LF sections	96
18	Euro EQ split LF	48		96
19	Euro EQ split LF	88.2		96
20	Euro EQ split LF	96		96
21	ULTEQ1 sh+pk	44.1	Sample of Massive Passive. shelf-peak-shelf	96
22	ULTEQ1 sh+pk	48		96
23	ULTEQ1 sh+pk	88.2		96
24	ULTEQ1 sh+pk	96		96
25	ULTEQ2 3pk	44.1	Sample of Massive Passive. peak-peak-peak	96
26	ULTEQ2 3pk	48		96
27	ULTEQ2 3pk	88.2		96
28	ULTEQ2 3pk	96		96
29	ULTEQ3 2pk+2sh	44.1	Sample of Massive Passive. shelf-peak	96
30	ULTEQ3 2pk+2sh	48		96
31	ULTEQ3 2pk+2sh	88.2		96
32	ULTEQ3 2pk+2sh	96		96
33	ULTEQ4 3pk+hi sh	44.1	Sample of Massive Passive. peak-peak	96
34	ULTEQ4 3pk+hi sh	48		96
35	ULTEQ4 3pk+hi sh	88.2		96
36	ULTEQ4 3pk+hi sh	96		96
37	MAS MEA-2	44.1	sampled precision mastering equaliser	96
38	MAS MEA-2	48		96
39	MAS MEA-2	88.2		96
40	MAS MEA-2	96		96
41	Decca DP-EQ1	44.1	Two band EQ, ±8dB (plus original "R" setting at -10 position) (Decca in-house design - reputed to be of Moody Blues vintage)	96
42	Decca DP-EQ1	48		96

#	Name (max 16 chars)	Samp Rate	Notes	orig samp rate
43	Decca DP-EQ1	88.2		96
44	Decca DP-EQ1	96		96
45	Neve 1073	44.1	Classic desk input stage and equaliser	96
46	Neve 1073	48		96
47	Neve 1073	88.2		96
48	Neve 1073	96		96
49	GML 8200	44.1	Sample of this well known parametric EQ	96
50	GML 8200	48		96
51	GML 8200	88.2		96
52	GML 8200	96		96
53	SPL PQ2050	44.1	mastering parametric EQ - requires software version 3.1 or higher	96
54	SPL PQ2050	48		96
55	SPL PQ2050	88.2		96
56	SPL PQ2050	96		96
57	Neve 1058	44.1	Classic input channel EQ - requires software version 3.1 or higher	44.1
58	Neve 1058	48		48
59	Neve 1058	88.2		88.2
60	Neve 1058	96		96

Effects Bank 2: Third Party Classic EQs:

#	Name (max 16 chars)	s/r	Notes	orig samp rate
1	GC Parametric	44.1	Sample of TC 1220 parametric and feedback suppressor	96
2	GC Parametric	48		96
3	GC Parametric	88.2		96
4	GC Parametric	96		96

Effects Bank 6: Pro-audio compressors

#	Name	s/r	Notes
1	1176 black front	44.1	Sample of classic Urei unit (rebuilt January 2002 to improve performance)
2		48	
3		88.2	
4		96	
5	LA 2A tube	44.1	sample of Teletronix tube levelling amp
6		48	
7		88.2	
8		96	
9	LA 3A	44.1	sample of Teletronix Urei levelling amp with compressor option
10		48	
11		88.2	
12		96	
13	Fairchild 670	44.1	Classic Compressor
14		48	
15		88.2	
16		96	
17	d160	44.1	sample of dbx
18		48	
19		88.2	
20		96	
21	d160x	44.1	sample of dbx 160x up to limit curve
22		48	
23		88.2	

#	Name	s/r	Notes
24		96	
25	d160x dynamicrev	44.1	sample of dbx 160x beyond limit curve
26		48	
27		88.2	
28		96	
29	CL1B tube	44.1	samples of Tubetech CL1B
30		48	
31		88.2	
32		96	
33	sa tla100	44.1	sample of Summit Audio TLA100A levelling amp
34		48	
35		88.2	
36		96	
37	optical leveller	44.1	electro-optical levelling amp
38		48	
39		88.2	
40		96	
41	VR desk channel	44.1	Neve VR channel strip compressor
42		48	
43		88.2	
44		96	
45	smart	44.1	sample of “smart research” version of SSL compressor
46		48	
47		88.2	
48		96	
49	ales 3630	44.1	sample of Alesis AL3630
50		48	
51		88.2	
52		96	
53	fr red 7 mic in	44.1	mic channel and dynamics processor
54		48	
55		88.2	
56		96	
57	fr red 7 line in	44.1	mic channel and dynamics processor (line input)
58		48	
59		88.2	
60		96	
61	Fairman tmc	44.1	Tube mastering compressor based on Fairchild
62		48	
63		88.2	
64		96	
65	Danfield 716A	44.1	Rebuild of SSL channel dynamics in external module
66		48	
67		88.2	
68		96	
69	SSL 9000	44.1	Big desk master VCA compressor with distinctive sound
70		48	
71		88.2	
72		96	
73	Variable MU	44.1	Sample of Manley variable MU tube EQ with compressor and slope options sampled
74		48	
75		88.2	
76		96	

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Programs

Programs are complete set-ups of the Replicator recreating the full operation of the unit as stored. Most programs require stored Effects or Samples to be loaded on Replicator - see the notes for each program.

Programs are available as “Replicator Program” files (extension .rpg on PC systems).

All systems are supplied with **PROGRAM BANK 5,6,7 & 8** reserved and preloaded with presets available at the time of shipping.

Summary of program banks

Bank 5: Classic EQ presets, initial settings.
Bank 6: Classic Compressor presets, initial settings
Bank 7: Pro-audio and other demo presets
Bank 8: FX8000 only presets

Program Bank 5: Pro-audio equalisers, initial settings

#	Name	Samp Rate	required effect		Notes
	(max 16 chars)	*kHz*	*bnk*	*#*	
1	Pult EQP-1A3	44.1	1	1	Sample of Pultec EQP-1A3 program equaliser
2		48	1	2	
3		88.2	1	3	
4		96	1	4	
5	TT PE-1B	44.1	1	5	Sample of Tubetech rebuild of Pultec design
6		48	1	6	
7		88.2	1	7	
8		96	1	8	
9	API 550A	44.1	1	9	Sample of API desk EQ module, often now racked into outboard
10		48	1	10	
11		88.2	1	11	
12		96	1	12	
13	Cad Desk EQ G268	44.1	1	13	Sample of Cadac Desk of 70's, based on gyrator resonant sections
14		48	1	14	
15		88.2	1	15	
16		96	1	16	
17	PE-1B split LF	44.1	1	17	Euro PE1 but with frequencies separated for LF sections
18		48	1	18	
19		88.2	1	19	
20		96	1	20	
21	MPas 1 sh pk sh	44.1	1	21	Sample of Massive Passive. shelf-peak-shelf
22		48	1	22	
23		88.2	1	23	
24		96	1	24	
25	MPas 2 3pk	44.1	1	25	Sample of Massive Passive.peak-peak-peak
26		48	1	26	
27		88.2	1	27	
28		96	1	28	
29	MPas 3 sh 2pk sh	44.1	1	29	Sample of Massive Passive. shelf-peak-peak-shelf
30		48	1	30	
31		88.2	1	31	
32		96	1	32	

#	Name	Samp Rate	required effect		Notes
	(max 16 chars)	*kHz*	*bnk*	*#*	
33	MPas 4 3pk+hi sh	44.1	1	33	Sample of Massive Passive.- peak-peak-peak-shelf
34		48	1	34	
35		88.2	1	35	
36		96	1	36	
37	TC Parametric	44.1	2	1	Sample of TC 1220 parametric and feedback suppressor
38		48	2	2	
39		88.2	2	3	
40		96	2	4	
41	MAS MEA-2	44.1	1	37	sampled precision mastering equaliser
42		48	1	38	
43		88.2	1	39	
44		96	1	40	
45	Decca DP-EQ1	44.1	1	41	Two band EQ, ±8dB (plus original "R" setting at -10 position)
46		48	1	42	
47		88.2	1	43	
48		96	1	44	
49	Neve 1073	44.1	1	45	Classic desk input stage and equaliser
50		48	1	46	
51		88.2	1	47	
52		96	1	48	
53	GML 8200	44.1	1	49	Sample of this well known parametric EQ
54		48	1	50	
55		88.2	1	51	
56		96	1	52	
57	SPL PQ2050	44.1	1	53	mastering parametric EQ - requires software version 3.1 or higher
58		48	1	54	
59		88.2	1	55	
60		96	1	56	
61	Neve 1058	44.1	1	57	Classic input channel EQ - requires software version 3.1 or higher
62		48	1	58	
63		88.2	1	59	
64		96	1	60	

Program Bank 6: Pro-audio compressors, initial settings

These are new from January 2002 and replace the presets available in this bank until now. These Programs load the Classic Compressors stored in Effects Bank 6 with default settings, especially 1:1 gain reduction curve:

#	Name	s/r	required effect		Notes
			bnk	#	
1	1176 black front	44.1	6	1	Sample of classic Urei unit
2		48	6	2	
3		88.2	6	3	
4		96	6	4	
5	LA 2A tube	44.1	6	5	sample of Teletronix tube levelling amp
6		48	6	6	
7		88.2	6	7	
8		96	6	8	

#	Name	s/r	required effect		Notes
			bnk	#	
9	LA 3A	44.1	6	9	sample of Teletronix Urei levelling amp with compressor option
10		48	6	10	
11		88.2	6	11	
12		96	6	12	
13	Fairchild 670	44.1	6	13	Classic Compressor
14		48	6	14	
15		88.2	6	15	
16		96	6	16	
17	d160	44.1	6	17	sample of dbx
18		48	6	18	
19		88.2	6	19	
20		96	6	20	
21	d160x	44.1	6	21	sample of dbx 160x up to limit curve
22		48	6	22	
23		88.2	6	23	
24		96	6	24	
25	d160x dynamicrev	44.1	6	25	sample of dbx 160x beyond limit curve
26		48	6	26	
27		88.2	6	27	
28		96	6	28	
29	CL1B tube	44.1	6	29	samples of Tubetech CL1B
30		48	6	30	
31		88.2	6	31	
32		96	6	32	
33	sa tla100	44.1	6	33	sample of Summit Audio TLA100A levelling amp
34		48	6	34	
35		88.2	6	35	
36		96	6	36	
37	optical leveller	44.1	6	37	electro-optical levelling amp
38		48	6	38	
39		88.2	6	39	
40		96	6	40	
41	VR desk channel	44.1	6	41	Neve VR channel strip compressor
42		48	6	42	
43		88.2	6	43	
44		96	6	44	
45	smart	44.1	6	45	sample of “smart research” version of SSL compressor
46		48	6	46	
47		88.2	6	47	
48		96	6	48	
49	ales 3630	44.1	6	49	sample of Alesis AL3630
50		48	6	50	
51		88.2	6	51	
52		96	6	52	
53	fr red 7 mic in	44.1	6	53	mic channel and dynamics processor
54		48	6	54	
55		88.2	6	55	
56		96	6	56	
57	fr red 7 line in	44.1	6	57	mic channel and dynamics processor (line input)
58		48	6	58	
59		88.2	6	59	
60		96	6	60	
61	Fairman tmc	44.1	6	61	Tube mastering compressor based on Fairchild

#	Name	s/r	required effect		Notes
			bnk	#	
62		48	6	62	
63		88.2	6	63	
64		96	6	64	
65	Danfield 716A	44.1	6	65	Rebuild of SSL channel dynamics in external module
66		48	6	66	
67		88.2	6	67	
68		96	6	68	
69	SSL 9000	44.1	6	69	Big desk master VCA compressor with distinctive sound
70		48	6	70	
71		88.2	6	71	
72		96	6	72	
73	Variable MU	44.1	6	73	Sample of Manley variable MU tube EQ with compressor and slope options sampled
74		48	6	74	
75		88.2	6	75	
76		96	6	76	

Program Bank 7: Pro-audio presets

These are new from January 2002 and replace the presets available in this bank until now. They provide a powerful set of starting points for EQ and compression (and for delay and reverb effects for FX8000 users)

#	Name	s/r	required sample		required effect		Notes
			bnk	#	bnk	#	
1	Compress Pultec	44.1	-	-	1	1	Typical effect of Pultec low and mid with some pre-EQ compression
2		48	-	-	1	2	
3		88.2	-	-	1	3	
4		96	-	-	1	4	
5	Warm Pultec	44.1	-	-	1	1	exploits the warm low end lift of the Pultec tube program EQ, much copied but never equalled
6		48	-	-	1	2	
7		88.2	-	-	1	3	
8		96	-	-	1	4	
9	Bright Pultec	44.1	-	-	1	1	recognisable Pultec midrange with some hf roll off
10		48	-	-	1	2	
11		88.2	-	-	1	3	
12		96	-	-	1	4	
13	Mass Pass Resmid	44.1	-	-	1	33	resonant midrange of massive passive with compressor
14		48	-	-	1	34	
15		88.2	-	-	1	35	
16		96	-	-	1	36	
17	Mass Pass 27k	44.1	-	-	1	29	27k HF lift + some extra LF
18		48	-	-	1	30	
19		88.2	-	-	1	31	
20		96	-	-	1	32	
21	API mid down	44.1	-	-	1	9	warms up recordings with distinctive LF and HF lift and mid cut from API channel EQ 550A
22		48	-	-	1	10	
23		88.2	-	-	1	11	
24		96	-	-	1	12	
25	Tubetech + comp	44.1	-	-	1	5	Tubetech precision adds warmth with some soft compression added
26		48	-	-	1	6	
27		88.2	-	-	1	7	
28		96	-	-	1	8	

#	Name	s/r	required sample		required effect		Notes
			bnk	#	bnk	#	
29	Fairchild soft	44.1	-	-	6	13	Soft compression of Fairchild makes use of its massively smooth "knee"
30		48	-	-	6	14	
31		88.2	-	-	6	15	
32		96	-	-	6	16	
33	Super 1176	44.1	-	-	6	1	Urei 1176 compressor with "all buttons in" gives unique heavy compression
34		48	-	-	6	2	
35		88.2	-	-	6	3	
36		96	-	-	6	4	
37	SSL Punch	44.1	-	-	6	65	Uses the sampled Danfield 716A compressor module (based on SSL in-desk design) to get a punchy SSL sound
38		48	-	-	6	66	
39		88.2	-	-	6	67	
40		96	-	-	6	68	
41	VR clean	44.1	-	-	6	41	The clean compression of the Neve VR channel strip
42		48	-	-	6	42	
43		88.2	-	-	6	43	
44		96	-	-	6	44	
45	Dirty Leveller	44.1	-	-	6	5	LA2 tube driven hard gives mean limiting
46		48	-	-	6	6	
47		88.2	-	-	6	7	
48		96	-	-	6	8	
49	Reverse Dynamics	44.1	-	-	6	25	Drums and Percussion reverse their dynamics with the sound of the DBX160X reverse slopes
50		48	-	-	6	26	
51		88.2	-	-	6	27	
52		96	-	-	6	28	
53	Comp + Gate	44.1	-	-	6	1	1176 compression plus gate - best for single channel use - gain not linked
54		48	-	-	6	2	
55		88.2	-	-	6	3	
56		96	-	-	6	4	
57	Tube Mic	44.1	7	72	-	-	Telefunken Tube Mic amp at 76dB gain. Classic warm analogue sound varying according to drive
58		48	7	73	-	-	
59		88.2	7	74	-	-	
60		96	7	75	-	-	
61	30ips tape	44.1	7	84	-	-	MCI APR 1/4" with BASF 911 tape - with reduced drive to control tape distortion effects.
62		48	7	85	-	-	
63		88.2	7	86	-	-	
64		96	7	87	-	-	
65	15ips tape	44.1	7	88	-	-	MCI APR 1/4" with BASF 911 tape - heavily driven give interesting effects on bass, or reduce drive to clean up.
66		48	7	89	-	-	
67		88.2	7	90	-	-	
68		96	7	91	-	-	
69	mic - speaker	44.1	8	15	-	-	Sound of Dynaudio powered monitor with U87 mic in studio acoustic.
70		48	8	15	-	-	
71		88.2	8	9	-	-	
72		96	8	9	-	-	
73	clean marshall	44.1	8	3	-	-	clean and bright JCM60 and 4x12
74		48	8	25	-	-	
75	stereo marshall	44.1	8	3,4	-	-	different amp settings L and R
76		48	8	25, 26	-	-	
77	dirty marshall	44.1	8	2	-	-	heavy JCM60 and 4x12 - not for whole mixes!
78		48	8	24	-	-	
79	lin marshall	44.1	8	2	-	-	heavy JCM60 and 4x12 made linear
80		48	8	24	-	-	

#	Name	s/r	required sample		required effect		Notes
			bnk	#	bnk	#	
81	tamed marshall	44.1	8	2	-	-	heavy JCM60 and 4x12 with attack moderating distortion
82		48	8	24	-	-	
83	amp sim	44.1	8	6	-	-	sansamp sample
84		48	8	5	-	-	
85	lez mono	44.1	8	21	-	-	fixed leslie speaker gives distinctive resonance
86		48	8	19	-	-	
87	lez stereo	44.1	8	21, 22	-	-	same with a pair of mics
88		48	8	19, 20	-	-	
89	M-S Fairchild	44.1	-	-	6	13	Fairchild in M/S mode, linked gain preserves image but level is optimised for mono levelling, regardless of panning of loudest element of mix (requires software version 3.1 or higher)
90		48	-	-		14	
91		88.2	-	-		15	
92		96	-	-		16	
93	M-S Fairch unlnk	44.1	-	-	6	13	Fairchild in M/S mode but channel gains not linked - does not cause centre shift but width modulates without any mono incompatibility (requires software version 3.1 or higher)
94		48	-	-		14	
95		88.2	-	-		15	
96		96	-	-		16	
97	M-S diff limit	44.1	-	-	6	13	Using Fairchild as limiter in difference channel only for max level disk cutting, with LF lift in side chain to limit bass in difference channel (requires software version 3.1 or higher)
98		48	-	-		14	
99		88.2	-	-		15	
100		96	-	-		16	
101	Mono Vox Chain	44.1	-	-	1 + 6	1 + 29	Left input to CL1B compressor with de-ess sidechain EQ on channel 1, followed by Pultec EQ on channel 2 followed by peak limiter. Outputs mono from channel 2 on both channels. Ideal for vocals - and there's still a spare digital EQ section for further refinements on channel 2, as well as echo and reverb on FX8000 units! (requires software version 3.1 or higher)
102		48	-	-	1 + 6	2 + 30	
103		88.2	-	-	1 +	3 + 31	
104		96	-	-	1 + 6	4 + 32	

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Program Bank 8: FX8000 Programs (contain processing not available on FX2000)

These are new from January 2002 and replace the presets available in this bank until now . These are generally available to a maximum of 48kHz sampling as they require longer processing times. If these are auditioned on the FX2000, delays, reverbs and digital EQs will not be heard.

#	Name	s/r	required samples		required effect		Notes
			bnk	#	bnk	#	
1	typical plate	44.1	-	-	-	-	built in reverb, typical plate setting with predelay
2		48	-	-	-	-	
3	typical room	44.1	-	-	-	-	built in reverb, typical room setting
4		48	-	-	-	-	
5	reverse it	44.1	-	-	-	-	built in reverb, reverse effect
6		48	-	-	-	-	
7	non-lin	44.1	-	-	-	-	built in reverb, non-lin
8		48	-	-	-	-	
9	digital chamber	44.1	-	-	-	-	built in reverb, typical chamber setting
10		48	-	-	-	-	
11	digital hall	44.1	-	-	-	-	built in reverb, typical hall setting
12		48	-	-	-	-	
13	digital cavern	44.1	-	-	-	-	built in reverb, huge hall setting
14		48	-	-	-	-	
15	bright space	44.1	8	27,28	-	-	combined early samples of bright room and digital tail
16		48	8	29,30	-	-	
17	small room amb	44.1	8	31,32	-	-	stereo early reflections small room
18		48	8	33,34	-	-	
19	med room 1 amb	44.1	8	35,36	-	-	stereo early reflections medium room 1
20		48	8	37,38	-	-	
21	med room 2 amb	44.1	8	39,40	-	-	stereo early reflections medium room 2
22		48	8	41,42	-	-	
23	Analogue Plate	44.1	-	-	1	1	Pultec EQ warms up digital plate (100% effect)
24		48	-	-	1	2	
25	Compressed Chamb	44.1	-	-	6	29	compressor in reverb send accentuates low level reverb
26		48	-	-	6	30	
27	quad loop	44.1	7	88	-	-	15ips sample in quad repeats
28		48	7	89	-	-	
29		88.2	7	90	-	-	
30		96	7	91	-	-	
31	tape loop dirty	44.1	7	92	-	-	7.5ips sample in longer loop
32		48	7	93	-	-	
33		88.2	7	94	-	-	
34		96	7	95	-	-	
35	tight delays	44.1	-	-	-	-	digital delays
36		48	-	-	-	-	
37		88.2	-	-	-	-	
38		96	-	-	-	-	
39	phase delays	44.1	-	-	-	-	out of phase delays can trigger surround decoders to space out sounds
40		48	-	-	-	-	
41		88.2	-	-	-	-	
42		96	-	-	-	-	
43	32 second delay	44.1	-	-	-	-	maximum digital delay
44		48	-	-	-	-	
45	16 second delay	88.2	-	-	-	-	
46		96	-	-	-	-	

#	Name	s/r	required samples		required effect		Notes
			bnk	#	bnk	#	
47	stereo digi eq	44.1	-	-	-	-	example of internal EQ setting, cleaning up old analogue recording
48		48	-	-	-	-	
49		88.2	-	-	-	-	
50		96	-	-	-	-	
51	eq and compress	44.1	-	-	-	-	example of internal EQ setting, cleaning up old analogue recording with compression
52		48	-	-	-	-	
53		88.2	-	-	-	-	
54		96	-	-	-	-	

Samples

These samples are required as part of many of the programs above. They are fully operational on FX8000 units, and samples may also be loaded to FX2000 where needed to support a program imported from FX8000. The samples cannot be edited on an FX2000.

Samples are available as “Replicator Sample” files (extension .rsm on PC systems.

All FX8000 systems are supplied with **SAMPLE BANK 5,6,7 & 8** reserved and preloaded with presets current at the time of shipping.

Summary of sample banks

Bank 5 & 6: miscellaneous reserved (none defined)
Bank 7: pro audio set – high quality processing samples
Bank 8: distortions, ambiences and various non linear samples

Sample Bank 5 & 6: Miscellaneous Reserved

(none defined)

Sample Bank 7: Pro-Audio set

#	Name	s/r	orig s/r	Notes
1	1960 bright eq	96	96	Samples of EQ settings of Drawmer 1960 compressor.
2	1960 norm eq	96	96	
3	1960 max bass	96	96	
4	1960 bright bass	96	96	
5	brt and heavy	96	96	Snapshot of Tubetech PE1B Tube EQ bass and 10k lift
6	brt and heavy 2	96	96	Variation of the above
7	brt and heavy 3	96	96	Tube EQ, same settings, different unit
8	tape 1 15ips qi	44.1	44.1	15ips quarter inch
9	1176 path	96	96	tube compressor
10	d160 path	96	96	tube compressor
11	cl1b path	96	96	tube compressor
12	smt path	96	96	compressor
13	1960 path	96	96	tube compressor
14	al363 path	96	96	compressor
15	al363 path	48	48	compressor
16	al363 path	44.1	44.1	compressor

#	Name	s/r	orig s/r	Notes
17	1176 path	44.1	96	tube compressor
18	d160 path	44.1	96	tube compressor
19	cl1b path	44.1	96	tube compressor
20	smt path	44.1	96	compressor
21	1960 path	44.1	96	tube compressor
22	1176 path	48	96	tube compressor
23	d160 path	48	96	tube compressor
24	cl1b path	48	96	tube compressor
25	smt path	48	96	compressor
26	1960 path	48	96	tube compressor
27	1176 path	88.2	96	tube compressor
28	d160 path	88.2	96	tube compressor
29	cl1b path	88.2	96	tube compressor
30	smt path	88.2	96	compressor
31	1960 path	88.2	96	tube compressor
32	a1363 path	88.2	96	compressor
33	d160x path	44.1	44.1	compressor
34		48	48	
35		88.2	88.2	
36		96	96	
37	fairchild 1	44.1	48	classic tube compressor
38		48	48	
39		88.2	48	
40		96	48	
41	m elop level amp	44.1	48	electro-optical levelling amp
42		48	48	
43		88.2	96	
44		96	96	
45	sa tla 100A	44.1	48	tube levelling amp
46		48	48	
47		88.2	96	
48		96	96	
49	LA 2A	44.1	48	classic tube limiter
50		48	48	
51		88.2	96	
52		96	96	
53	LA 3A	44.1	48	solid state version of classic limiter
54		48	48	
55		88.2	96	
56		96	96	
57	VR channel comp	44.1	48	Neve VR channel strip + compressor unity gain
58		48	48	
59		88.2	96	
60		96	96	
61	tape 1 15ips qi	48	44.1	15ips quarter inch
62		88.2	44.1	
63		96	44.1	
64	fr red 7 mic in	44.1	96	mic channel & dynamics processor (mic input)
65		48	96	
66		88.2	96	
67		96	96	
68	fr red 7 line in	44.1	96	mic channel & dynamics processor (line input)
69		48	96	
70		88.2	96	
71		96	96	

#	Name	s/r	orig s/r	Notes
72	Telefunken V76	44.1	44.1	Tube Mic amp fed from Sennheiser MD421 and running at 76dB gain. Classic warm analogue sound varying according to drive..
73		48	48	
74		88.2	88.2	
75		96	96	
76	Fairman tmc	44.1	96	Tube mastering compressor based on Fairchild
77		48	96	
78		88.2	96	
79		96	96	
80	Danfield 716A	44.1	96	Rebuild of SSL channel dynamics in external module
81		48	96	
82		88.2	96	
83		96	96	
84	APR5003 tape 30	44.1	48	MCI / Sony 1/4" professional tape recorder, BASF 911 studio master tape. Note that this is a heavily driven sample - you should reduce drive by about 12dB to avoid excessive tape distortion.
85		48	48	
86		88.2	96	
87		96	96	
88	APR5003 tape 15	44.1	48	
89		48	48	
90		88.2	96	
91		96	96	
92	APR5003 tape 7-5	44.1	48	
93		48	48	
94		88.2	96	
95		96	96	

Sample Bank 8: Distortions, Ambiences and Various NON-LINs

#	Name	s/r	orig s/r	Notes
1	heavy brit amb	44.1	44.1	distorted guitar amp distant mic
2	heavy brit close	44.1	44.1	distorted guitar amp close mic
3	light brit close	44.1	44.1	less distorted amp and mic
4	lite2 brit close	44.1	44.1	similar amp and mic
5	sans effect	48	48	amp eliminator
6	sans effect	44.1	48	
7	ambient room 1	48	48	speaker to mic in bright room 1
8	ambient room 2	48	48	speaker to mic in bright room 2
9	ls to mic 15cm	96	96	spkr and mic in studio various spacing
10	ls to mic 1m	96	96	
11	ls to mic 1m75	96	96	
12	ls to mic 2m5	96	96	
13	ls to mic 3m	96	96	
14	ls to mic 15cm	48	48	
15	ls to mic 1m	48	48	
16	ls to mic 1m75	48	48	
17	ls to mic 2m5	48	48	
18	ls to mic 3m	48	48	
19	fixed lez L	48	48	rotary spkr at fixed position - left mic
20	fixed lez R	48	48	rotary spkr at fixed position - right mic
21	fixed lez L	44.1	48	rotary spkr at fixed position - left mic
22	fixed lez R	44.1	48	rotary spkr at fixed position - right mic
23	heavy brit amb	48	44.1	distorted guitar amp distant mic
24	heavy brit close	48	44.1	distorted guitar amp close mic
25	light brit close	48	44.1	less distorted amp and mic

#	Name	s/r	orig s/r	Notes
26	lite2 brit close	48	44.1	similar amp and mic
27	bright room L	44.1	48	speaker in bright room
28	bright room R	44.1	48	
29	bright room L	48	48	
30	bright room R	48	48	
31	small room L	44.1	44.1	stereo early reflections small room
32	small room R	44.1	44.1	
33	small room L	48	48	
34	small room R	48	48	
35	med room 1 L	44.1	48	stereo early reflection medium room
36	med room 1 R	44.1	48	
37	med room 1 L	48	48	
38	med room 1 R	48	48	
39	med room 2 L	44.1	44.1	stereo early reflection medium room
40	med room 2 R	44.1	44.1	
41	med room 2 L	48	44.1	
42	med room 2 R	48	44.1	

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