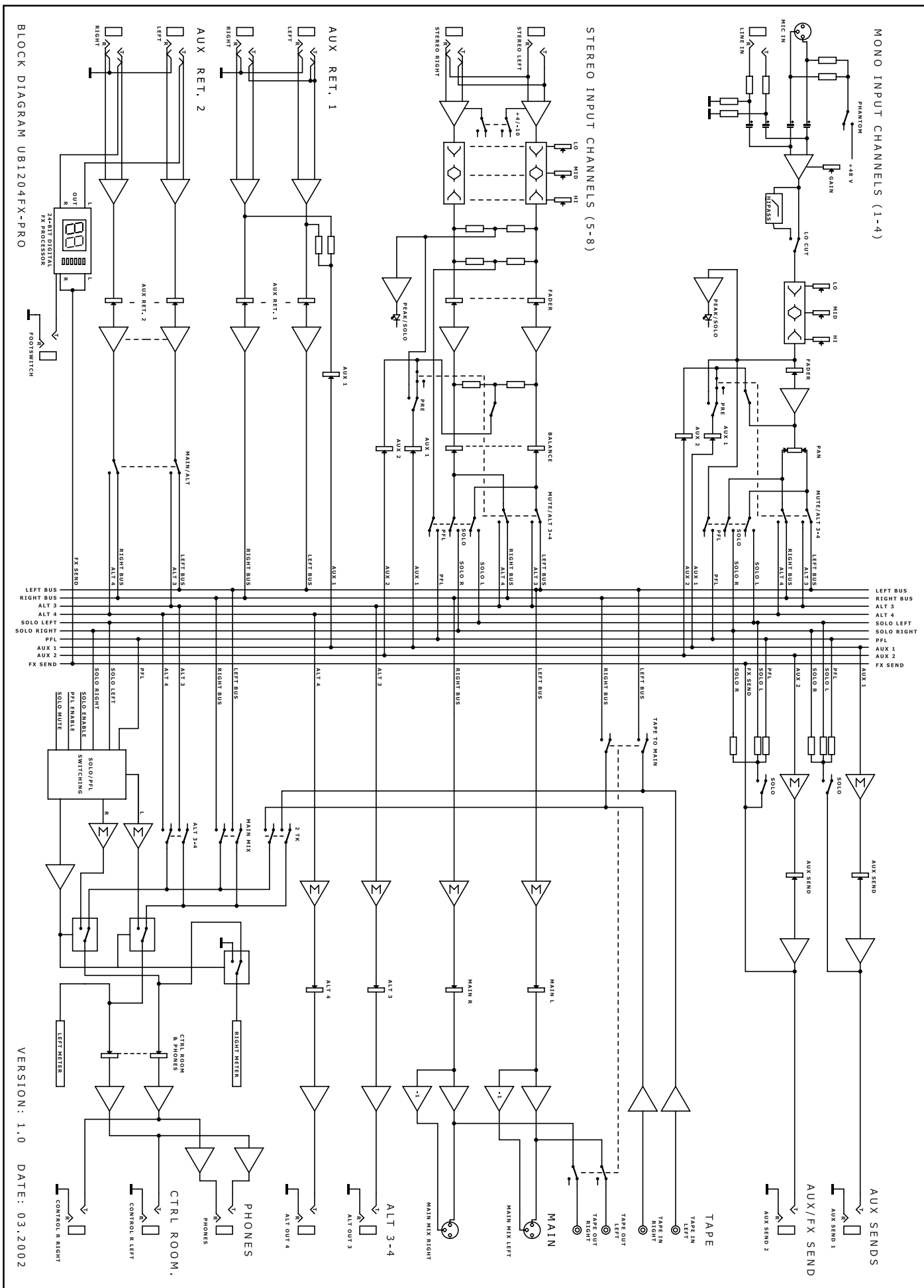


Block Diagram of EURORACK UB1204FX-PRO



EURORACK UB1204FX-PRO



BEHRINGER EURORACK MODEL UB1204FX-PRO

CAUTION: REPLACE FUSE WITH SAME TYPE FUSE AND RATING.

ATTENTION: UTILISER UN FUSIBLE DE RECHANGE DE MEME TYPE ET CALIBRE.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.

ATTENTION: RISQUE DE CHOC ELECTRIQUE! NE PAS OUVRIR!

CAUTION: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

BEHRINGER EURORACK UB1204FX-PRO

POWER ON PHANTOM ON

MAIN OUTPUTS (R, L)

ALT 3-4 OUTPUTS (4, 3)

CONTROL ROOM OUT (R, L)

CE N222

Serial Number: _____

Date Code: _____

Overview Mixing Consoles

Equipment	UB1204FX-PRO	UB1204-PRO
Mono input channels (mic/line)	4 (balanced XLR + TRS connectors)	4 (balanced XLR + TRS connectors)
Stereo input channels (line)	2 (bal. TRS connectors)	2 (bal. TRS connectors)
Low-cut filter	-3 dB @ 75 Hz, 18 dB/oct. (on mono inputs only)	-3 dB @ 75 Hz, 18 dB/oct. (on mono inputs only)
Phantom power	+ 48 Volt (on mic inputs only)	+ 48 Volt (on mic inputs only)
Mute	all channels	all channels
EQ mono input channels	3-band EQ	3-band EQ
EQ stereo input channels	3-band EQ	3-band EQ
Aux sends	1 pre/post fader, 1 post fader	1 pre fader, 1 post fader
Stereo aux returns	2, with flexible routing to aux send 1, main mix and Alt 3-4	2, with flexible routing to aux send 1, main mix and Alt 3-4
Subgroups	2 (with dedicated outputs on TS connectors)	2 (with dedicated outputs on TS connectors)
PFL/Solo	yes	-
Headphones output	TRS connector	TRS connector
Control room outputs	TS connectors	TS connectors
Meters	8-segment LED	12-segment LED
2-Track input/output	stereo (RCA connectors)	stereo (RCA connectors)
Main outputs	left/right (XLR balanced)	left/right (XLR balanced)
Digital effects processor	yes, plus footswitch connector	no
Switch-mode power supply	yes	yes
Width	247 mm (9 11/16")	247 mm (9 11/16")
Height	97 mm (3 7/8")	97 mm (3 7/8")
Depth	334 mm (13 5/32")	328 mm (13")
Weight	2.60 kg (5 3/4 lbs)	2.56 kg (5 5/8 lbs)

Effect Presets

EFFECT PRESETS					
No.	EFFECT	Description	No.	EFFECT	Description
HALL 00-09			DELAY 50-59		
00	SMALL HALL 1	approx. 1.0s reverb decay	50	SHORT DELAY 1	Like a short shattering
01	SMALL HALL 2	approx. 1.2s reverb decay	51	SHORT DELAY 2	1-2 short impulse(s)
02	SMALL HALL 3	approx. 1.5s reverb decay	52	SHORT DELAY 3	1-2 short impulse(s)
03	MID HALL 1	approx. 1.8s reverb decay	53	MID DELAY 1	Classical Delay for up-tempo music (115-125 BPM)
04	MID HALL 2	approx. 2.0s reverb decay	54	MID DELAY 2	Classical Delay for mid-tempo music (105-115 BPM)
05	MID HALL 3	approx. 2.5s reverb decay	55	MID DELAY 3	Classical Delay for slow-tempo music (95-105 BPM)
06	BIG HALL 1	approx. 2.8s reverb decay	56	LONG DELAY 1	Classical Delay for reggae-tempo music (85-95 BPM)
07	BIG HALL 2	approx. 3.2s reverb decay	57	LONG DELAY 2	Classical Delay for dub-tempo music (75-85 BPM)
08	BIG HALL 3	approx. 4s reverb decay	58	LONG DELAY 3	Extra long (nearly infinite) delay effect
09	CHURCH	approx. 7s reverb decay	59	LONG ECHO	Extra long canyon echo effect
ROOM 10-19			CHORUS 60-69		
10	SMALL ROOM 1	approx. 0.5s reverb decay	60	SOFT CHORUS 1	Unobtrusive effect
11	SMALL ROOM 2	approx. 0.8s reverb decay	61	SOFT CHORUS 2	Unobtrusive effect with different color
12	SMALL ROOM 3	approx. 1.0s reverb decay	62	WARM CHORUS 1	Analog sounding
13	MID ROOM 1	approx. 1.2s reverb decay	63	WARM CHORUS 2	Analog sounding with different color
14	MID ROOM 2	approx. 1.5s reverb decay	64	PHAT CHORUS 1	Pronounced chorus effect
15	MID ROOM 3	approx. 1.8s reverb decay	65	PHAT CHORUS 2	Pronounced chorus effect with different color
16	BIG ROOM 1	approx. 2.0s reverb decay	66	CLASSIC FLANGER	Standard flanger effect
17	BIG ROOM 2	approx. 2.2s reverb decay	67	WARM FLANGER	More analog touch
18	BIG ROOM 3	approx. 2.5s reverb decay	68	DEEP FLANGER	Deep modulation impression
19	CHAPEL	approx. 3s reverb decay	69	HEAVY FLANGER	Extremely pronounced effect
PLATE 20-29			PHASE/PITCH 70-79		
20	SHORT PLATE	approx. 1.0s reverb decay	70	CLASSIC PHASER	Standard phaser effect
21	MID PLATE	approx. 1.5s reverb decay	71	WARM PHASER	More analog touch
22	LONG PLATE	approx. 2.2s reverb decay	72	DEEP PHASER	Deep modulation impression
23	VOCAL PLATE	approx. 1.2s reverb decay	73	HEAVY PHASER	Extreme strong effect
24	DRUMS PLATE	approx. 1.0s reverb decay	74	PITCH SHIFT DETUNE	2-3-times detune for a wider solo voice sound
25	GOLD PLATE 1	approx. 1.2s reverb decay	75	PITCH SHIFT +3	Minor third added voice
26	GOLD PLATE 2	approx. 2.0s reverb decay	76	PITCH SHIFT +4	Major third added voice
27	SHORT SPRING	approx. 1.0s reverb decay	77	PITCH SHIFT +7	Quint above added voice
28	MID SPRING	approx. 2.0s reverb decay	78	PITCH SHIFT -5	Fourth down added voice
29	LONG SPRING	approx. 2.5s reverb decay	79	PITCH SHIFT -12	1 octave down added voice
GATED/REVERSE 30-39			MULTI 1 80-89		
30	GATED REV SHORT	approx. 0.8s gate time	80	CHORUS + REVERB 1	Soft chorus + medium-short reverb
31	GATED REV MID	approx. 1.2s gate time	81	CHORUS + REVERB 2	Deep chorus + medium-long reverb
32	GATED REV LONG	approx. 2.0s gate time	82	FLANGER + REVERB 1	Soft flanger + medium-short reverb
33	GATED REV XXL	approx. 3.0s gate time	83	FLANGER + REVERB 2	Deep flanger + medium-long reverb
34	GATED REV DRUMS 1	approx. 0.8s gate time	84	PHASER + REVERB 1	Soft phaser + medium-short reverb
35	GATED REV DRUMS 2	approx. 1.2s gate time	85	PHASER + REVERB 2	Deep phaser + medium-long reverb
36	REVERSE SHORT	approx. 0.8s reverb raise	86	PITCH + REVERB 1	Soft voice detuning + medium-short reverb
37	REVERSE MID	approx. 1.2s reverb raise	87	PITCH + REVERB 2	Fourth above interval + medium-long reverb
38	REVERSE LONG	approx. 2.0s reverb raise	88	DELAY + REVERB 1	Short delay + medium-short reverb
39	REVERSE XXL	approx. 3.0s reverb raise	89	DELAY + REVERB 2	Medium-long delay + medium-long reverb
EARLY REFLECTIONS 40-49			MULTI 2 90-99		
40	EARLY REFLECTION 1	Short	90	DELAY + GATED REV	Short delay + medium-long gated reverb
41	EARLY REFLECTION 2	Medium-short	91	DELAY + REVERSE	medium-short delay + medium-long reverse reverb
42	EARLY REFLECTION 3	Medium-long	92	DELAY + CHORUS 1	Short delay + soft chorus
43	EARLY REFLECTION 4	Long	93	DELAY + CHORUS 2	Medium-long delay + deep chorus
44	SHORT AMBIENCE	Short	94	DELAY + FLANGER 1	Short delay + soft flanger
45	MID AMBIENCE	Medium-short	95	DELAY + FLANGER 2	Medium-long delay + deep flanger
46	LIVE AMBIENCE	Medium-short	96	DELAY + PHASER 1	Short delay + soft phaser
47	BIG AMBIENCE	Medium-long	97	DELAY + PHASER 2	Medium-long delay + deep phaser
48	STADIUM	Long	98	DELAY + PITCH 1	Short delay + fourth down interval
49	GHOST AMBIENCE	Extra-long special FX	99	DELAY + PITCH 2	Medium-long delay + minor third above interval