

TECHNICAL DATA

FX16



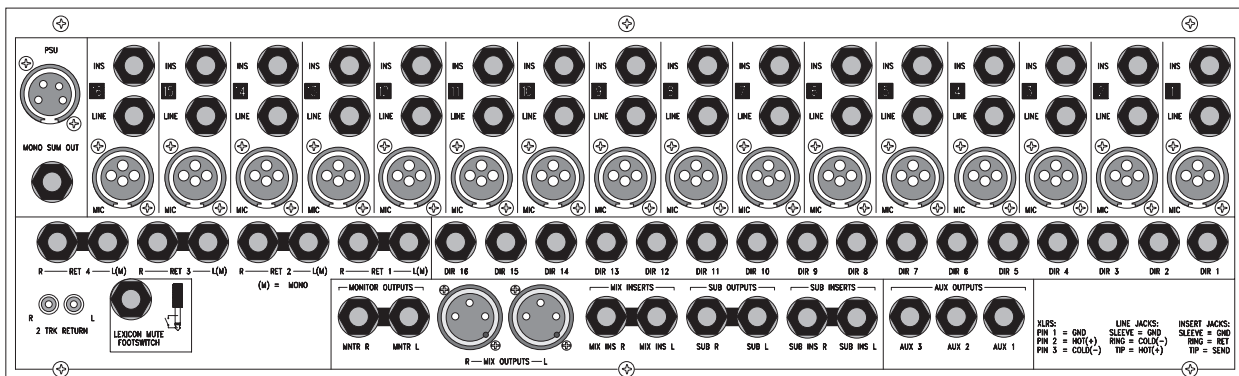
INTRODUCTION

- 16 Mono UltraMic™ Inputs
- 4 Stereo Returns
- Global 48V Phantom Power
- Lexicon Effects built in
- 3-Band EQ with Swept Mid
- 4-Bus Architecture
- Directs Outs for Multitrack Recording
- 3 Auxes

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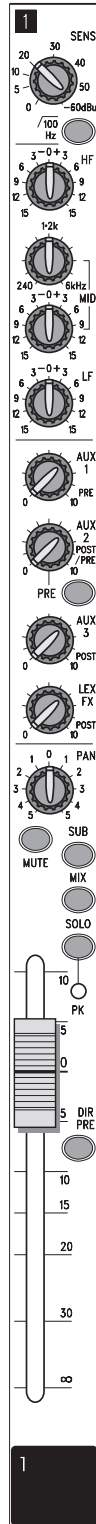
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CONNECTORS



MONO INPUTS

FX16



FOLLOW

- 0
- 2
- 4
- 6
- 8
- 12
- 15
- 20
- 25
- 30
- 35

MASTER SECTION

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PROG	PARAM 1	EFFECT	PARAM 2
1	REVB TIME	GATED REVERB	TMBR
2	REVB TIME	CHORUS + REVERB	SPEED
3	DELAY TIME	CHORUS + DELAY	SPEED
4	DEPTH	LARGE CHORUS	SPEED
5	REVB TIME	PLATE	TMBR
6	REVB TIME	ROOM	TMBR
7	REVB TIME	CHAMBER	TMBR
8	REVB TIME	HALL	TMBR
9	DELAY TIME	DELAY + BRT PLATE	REVB TIME
10	DELAY TIME	DELAY + DRK PLATE	REVB TIME
11	DELAY TIME	ECHO + PLATE	REGEN
12	DELAY TIME	DELAY + BRT ROOM	REVB TIME
13	DELAY TIME	DELAY + DRK ROOM	REVB TIME
14	DELAY TIME	ECHO + ROOM	REGEN
15	DELAY TIME	DELAY + MONO REGEN	REGEN
16	DELAY TIME	DELAY + STEREO REGEN	REGEN

lexicon DIGITAL EFFECTS PROCESSOR

POWER MIC 48V

LEXICON RET

PROGRAM SELECT

PARAMETER ADJUST

PARAM 1 USER PARAM 2

RET1

RET2

RET3

RET4

2TK TO MIX

2TK MIX SUB

MONITOR

AUX / FX OUTPUT MASTERS

AUX1 AUX2

AFL LEX FX

SOLO MODE

SOLO IN PLACE

PFL / AFL

SIP ACTIVE

REF +48dBu

MONITOR

PHONES

SUB TO MIX

L SUB R L MIX R

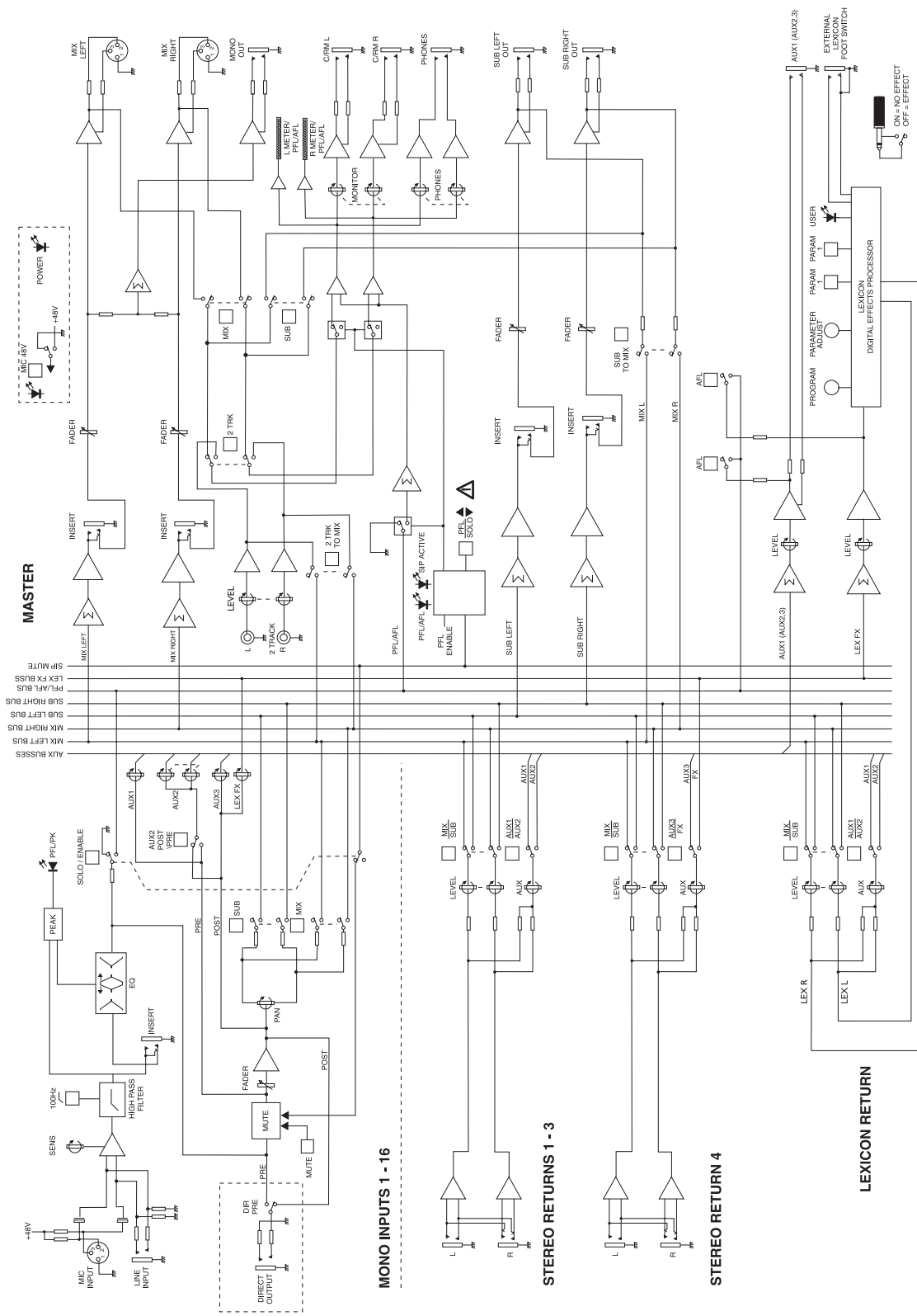
MONITOR PHONES

FOCUS

- 0
- 2
- 4
- 6
- 8
- 12
- 15
- 20
- 25
- 30
- 35

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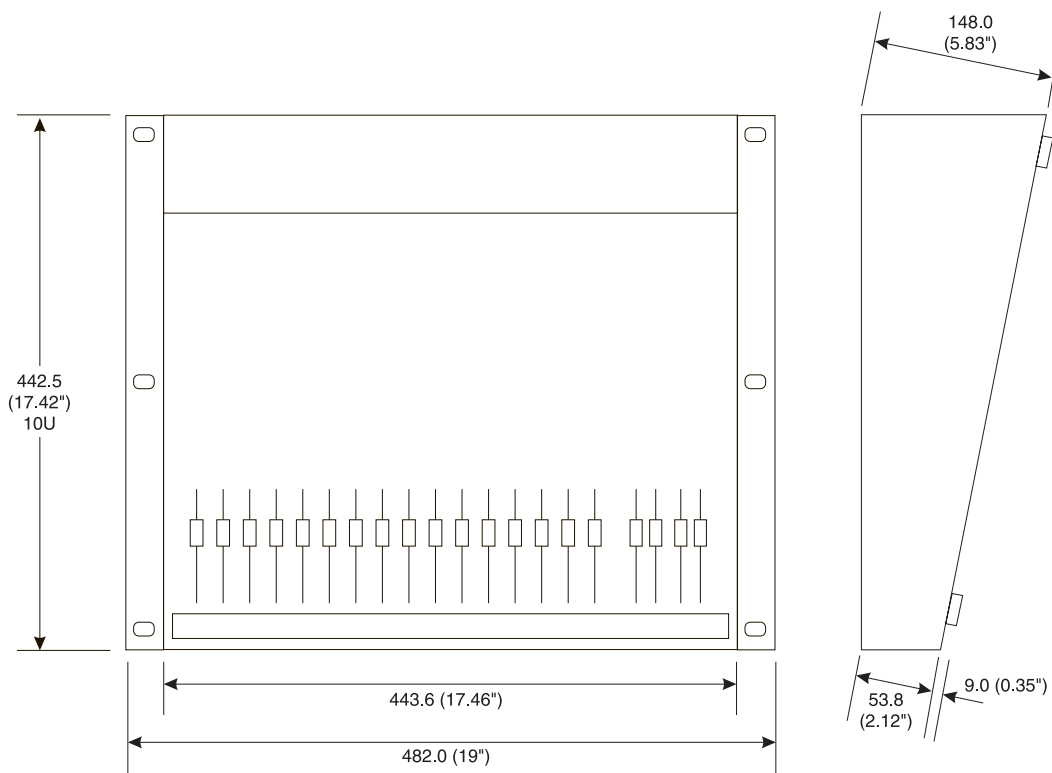
BLOCK DIAGRAM



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DIMENSIONS



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TYPICAL SPECIFICATIONS

Noise

Measured RMS, 20Hz to 20kHz Bandwidth

Mic E.I.N. @ max gain, 150Ω source impedance	-129dBu
Aux, Mix & masters @ max., 16 inputs routed with faders, pots down	<-80dBu

Crosstalk (@1kHz, typical)

Channel Mute	>96dB
Fader cut-off (rel. 0 mark)	>90dB
Routing Isolation	>90dB
Aux Send pots offness	>84dB

Frequency Response

Mic/Line Input to any output, 20Hz - 30kHz	<0.5dB
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THD + N

Mic sens. -30dBu, +14dBu at all outputs @1kHz	<0.009%
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Input & Output Impedance

Mic Input	1.8kΩ
Line Input	10kΩ
Stereo Return Input (Balanced jack)	10kΩ
2TK Return (Unbalanced RCA Phono)	12kΩ
Mix, Aux, Direct Outputs, and Insert Sends	75Ω

Input & Output Levels

Mic Input max. level	+22dBu
Line Input max. level	>+30dBu
Stereo Return Input max. level	>+30dBu
Headphones (@ 200Ω)	150mW

Weight

Excluding packing

Mixer	7.22kg (15.91lbs)
Power Supply	1.08kg (2.38lbs)