

MX3282A

EURODESK®

Technical Specifications

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ENGLISH



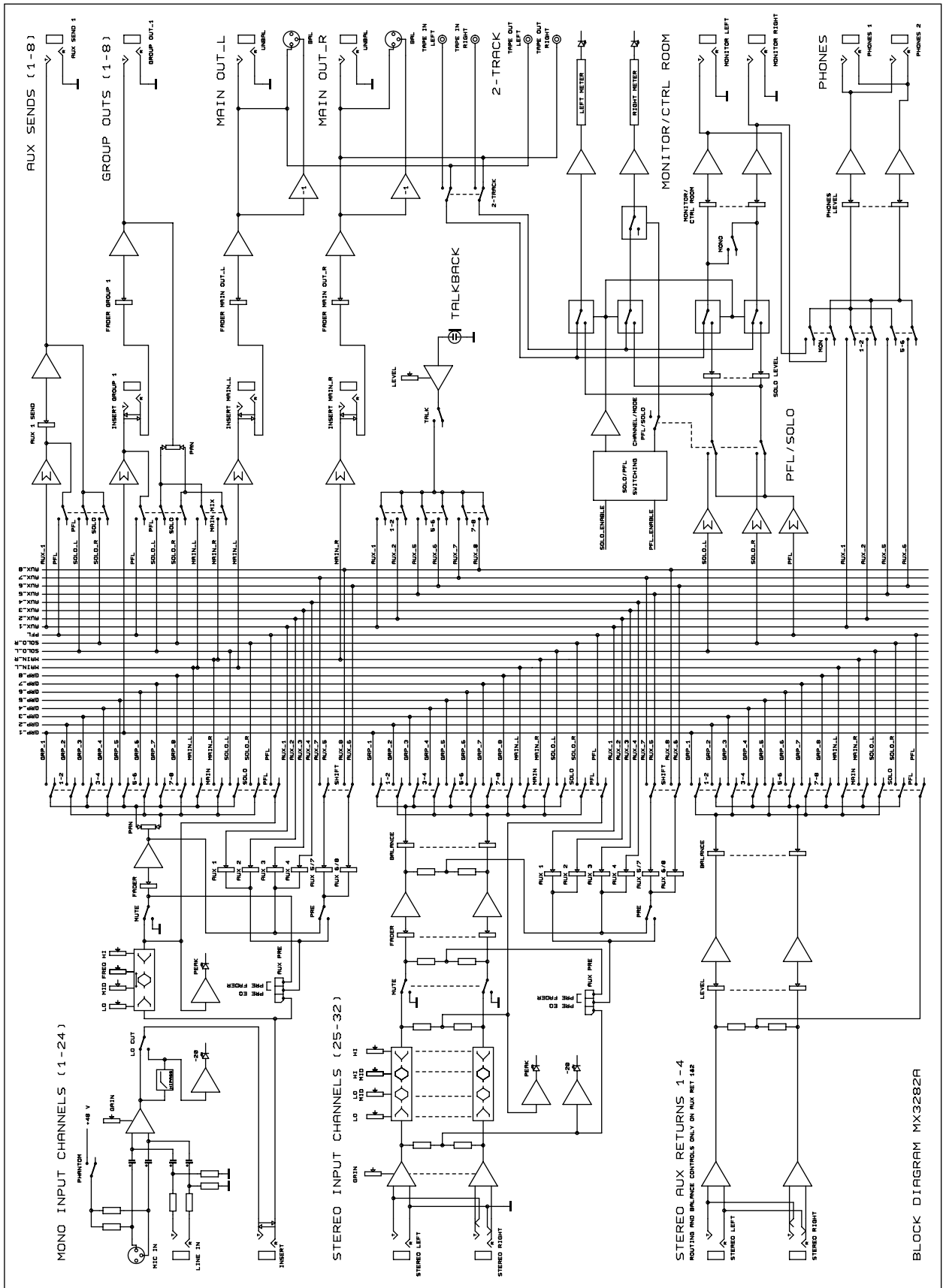
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MX3282A

Professional 32 channel 8-bus recording & live mixing console

- ▲ Ultra-low noise design
- ▲ Extremely high headroom – offering more dynamic range
- ▲ 32 channels, all with comprehensive EQ, level, pan and mute
- ▲ 8 subgroups with 8 insert points
- ▲ Ultra-low noise discrete microphone pre-amps with 48 V phantom power and switchable low-cut filter
- ▲ Ultra-musical 3-band EQ with parametric mid band offering an extremely wide swept range from 0.1 to 8 kHz
- ▲ 8 aux sends, with aux 5 to 8 switchable pre- / post-fader
- ▲ 4 multifunctional stereo aux returns with multiple routing options
- ▲ Channel, group and mix insert points
- ▲ High-precision logarithmic taper faders and sealed potentiometers, comparable to those found on large-frame consoles, ensure durability and long life
- ▲ Balanced inputs and outputs
- ▲ Solo-In-Place and Pre-Fader-Listen functions throughout the whole board
- ▲ 2 track inputs assignable to main mix or monitor / headphones output
- ▲ Full featured talkback section and separate headphone mix with multiple routing options
- ▲ State-of-the-art 4580 ICs and high-quality components guarantee crystal-clear audio performance and excellent noise figures
- ▲ Exceptionally rugged construction ensures long life even under the most demanding conditions
- ▲ External power supply design provides hum-free audio and superior transient response
- ▲ Manufactured under ISO9000 certified management system

BLOCK DIAGRAM



BLOCK DIAGRAM MX3282A

SPECIFICATIONS

Main channel strip

Mic input	electronically balanced, discrete input configuration
Mic E.I.N. (22 Hz to 22 kHz)	-129.0 dBu, 150 Ohms source -117.3 dBqp, 150 Ohms source -132.0 dBu, input shorted -122.0 dBqp, input shorted
Distortion (THD & N)	0.007 % at +4 dBu, 1 kHz, bandwidth 80 kHz
Gain range	+10 dB to +60 dB
Max. input	+12 dBu
Line input	electronically balanced
Gain range	unity to +40 dB
Max. input	+22 dBu
Channel fader range	+10 dB to -85 dB / off
Aux send gain range	off to unity to +15 dB

Equalisation

Hi shelving	12 kHz, +/- 15 dB, Q fixed at 2 oct.
Hi mid bell (ch. 25 to 32)	3 kHz, +/- 15 dB, Q fixed at 2 oct.
Mid sweep (ch. 1 to 24)	100 Hz to 8 kHz, +/- 15 dB, Q fixed at 2 oct.
Lo mid bell (ch. 25 to 32)	500 Hz, +/- 15 dB, Q fixed at 2 oct.
Lo shelving	80 Hz, +/- 15 dB, Q fixed at 2 oct.
Lo cut (HPF)	75 Hz, 18 dB/oct.

Channel insert

Max. in/out	+22 dBu
Channel to channel crosstalk	-95 dB @ 1 kHz

Subgroup section

Noise	bus noise @ fader 0 dB: -105.0 dBr (ref. +4 dBu) -92.0 dBr (ref. +4 dBu, all input ch. assigned, unity gain, ch. muted) -87.0 dBr (ref. +4 dBu, all input ch. assigned, unity gain)
Submaster output max. out	+22 dBu balanced/unbalanced
Fader range	+10 dB to -85 dB / off

Main mix section

Noise	bus noise @ fader 0 dB: -102.0 dBr (ref. +4 dBu) -92.0 dBr (ref. +4 dBu, all input ch. assigned, unity gain, ch. muted) -94.5 dBr (ref. +4 dBu, all input ch. assigned, unity gain)
Max. output	+28 dBu balanced, +22 dBu unbalanced
Aux returns gain range	off to unity to + 20 dB
Aux sends max. out	+22 dBu

General

Distortion (THD & N)	0.007 %, @ +4 dBu, 1 kHz, bandwidth 80 kHz
Frequency response	20 Hz to 40 kHz, +/- 1 dB any input to any output 10 Hz to 120 kHz, +/- 3 dB

Power supply

External power supply	150 Watts, 19" (482.6 mm), 2 rack units, app. 7 kg
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Dimensions/weight

Dimensions (H * W * D)	app. 2.17/4.1" (55/105 mm) * 41.3" (1050 mm) * 20.9" (530 mm)
Weight	app. 18 kg (without PSU)

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