

Appendix C: Technical Information Specifications

Distortion (THD + N)

(1 kHz, A-Weighted)

Mic mono:	<0.008% low gain
Line mono:	<0.008% low gain
Line stereo:	<0.008% at main out

Main mix output noise

(1 kHz, A-weighted)

Main mix level down, all channel levels down:	-106 dBu
Main mix level 0 dB, all channel levels down:	-91 dBu
Main mix level 0 dB, all channel levels 0 dB:	-86 dBu

Frequency Response

(+0 dB/-3 dB)

Mic mono input:	< 10 Hz-55 kHz low gain
Line mono inputs:	< 10 Hz-55 kHz
Line stereo inputs:	< 10 Hz-55 kHz

Equivalent Input Noise (EIN)

Mic input (20 Hz – 20 kHz)	
150 Ω termination:	-114 dB A-Weighted

Gain

Mic mono input:	45 dB high gain 25 dB low gain
Line mono inputs:	20 dB high gain 0 dB low gain
Line stereo inputs:	0 dB

Maximum Levels

Mic mono input:	-25 dBu high gain -4 dBu low gain
Line mono inputs:	+21 dBu low gain +1 dBu high gain
Line stereo inputs:	+21 dBu
Preamp main and monitor outputs:	+21 dBu

Impedances

Mic mono input:	2.5 k Ω balanced
Line mono input:	20 k Ω balanced
Main and monitor preamp outputs:	150 Ω Unbalanced

Channel EQ

High Shelving:	+/- 15 dB @ 12 kHz
Mid Peaking:	+/- 15 dB @ 2.5 kHz
Low Shelving:	+/- 15 dB @ 80 Hz

7-Band Graphic EQ

Main and Monitor 1:	\pm 12 dB @ 125, 250, 500, 1 k, 2 k, 4 k, and 8 kHz
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Connections

Mic input:	XLR balanced
Line mono input:	1/4" TRS balanced
Line stereo input:	1/4" TRS unbalanced
Preamp main outputs:	1/4" TRS balanced
Monitor outputs:	1/4" TRS balanced
Loudspeaker outputs:	1/4" TS and Neutrik Speakon

Loudspeaker outputs

(Both channels loaded and driven at 1 kHz.)	
Peak output power @ 4 Ω :	2 x 500 W peak
Average output power @ 4 Ω :	2 x 350 W rms, 1% THD
Average output power @ 8 Ω :	2 x 200 W rms, 1% THD
Recommended load impedance:	4 – 8 Ω per side

Internal Effects

Type:	Internal processor mono in, stereo out
Effects presets:	16 TAPCO-designed presets

Power Consumption

100-120 VAC, 50/60 Hz:	1010 watts
220-240 VAC, 50/60 Hz:	1010 watts

Dimensions

Height:	11.67 in/296.4 mm
Width:	18.44 in/ 468.4 mm
Depth:	11.3 in/287 mm

Weight

Net weight:	22 lb/10 kg
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Disclaimer

Since we are always striving boldly to make our products better by incorporating new and improved materials, components, and manufacturing methods, we reserve the right to change these specifications at any time without notice.

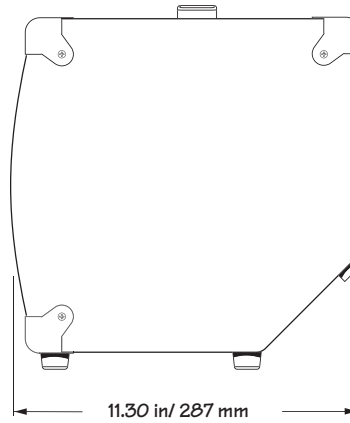
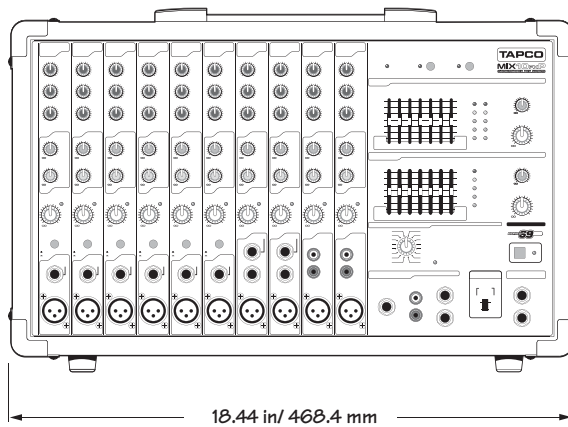
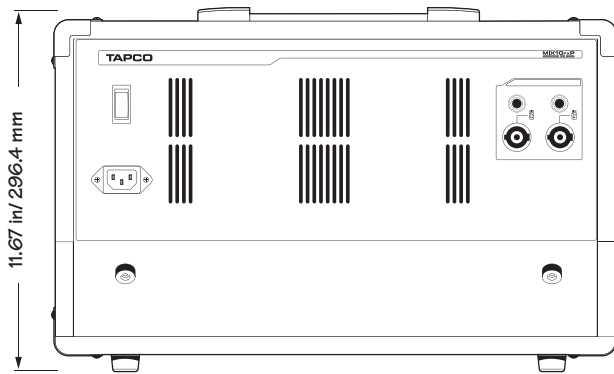
Please check our website in case there are any corrections and updates to this manual: www.tapcworld.com.

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Dedication

The following trainee technical writers from Mr. Kelly's class of 2007/2008, were involved in the production of this manual: Autumn, Barrie, Brendan, Caswell, Cormack, Emily, Eliza, Erin, Ethan, Isabella, Jilly, Jordan, Lily, Max, Mia, Read, Silas, Sol, Spencer, and Steven. Now they are moving up to 1st grade!

Dimensions



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