Specifications

Max output level	XLR +23dBu into >600ohm load TRS +21dBu into >2k load
Nominal output level	0dBu (0.775 Volts rms)
Headroom	+21dB
Freq response	+/-1dB 20Hz to 30kHz
Distortion	< 0.006% THD+N @1kHz +10dBu
Crosstalk	<-90dB Channel to channel @1kHz <-95dB Mute shutoff <-95dB Fader shutoff
MIC EIN 22-22kHz	-128dB 150 ohm source
Residual noise	< -88dBu
Mix noise	< -84dBu
Meters	Peak reading 12 LED -30 to +16dB
Channel Peak	5dB before clipping
Channel HPF	100Hz 12dB/octave
Channel EQ	4-Band semi-parametric +/-15dB gain HF shelving 12kHz HM bell 350Hz to 7kHz LM bell 250Hz LF shelving 60Hz
Output EQ	4-Band semi-parametric +/-10dB HF bell 1k5 to 20kHz HM bell 500 to 10kHz LM bell 120 to 2kHz LF bell 20 to 200Hz
Mono Sub LPF	100Hz 12dB/octave
Faders	100mm Alps
Digital Effects	Stereo output 16 presets
MIDI	Effects preset select Effects bypass Channel number = 1 (00H)

Power Supply

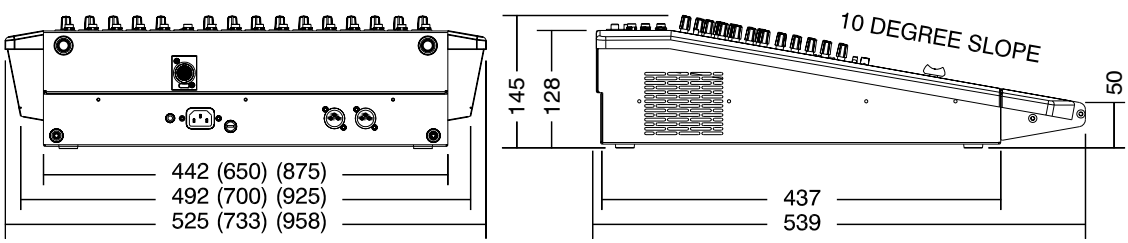
Internal universal input switched mode power unit.

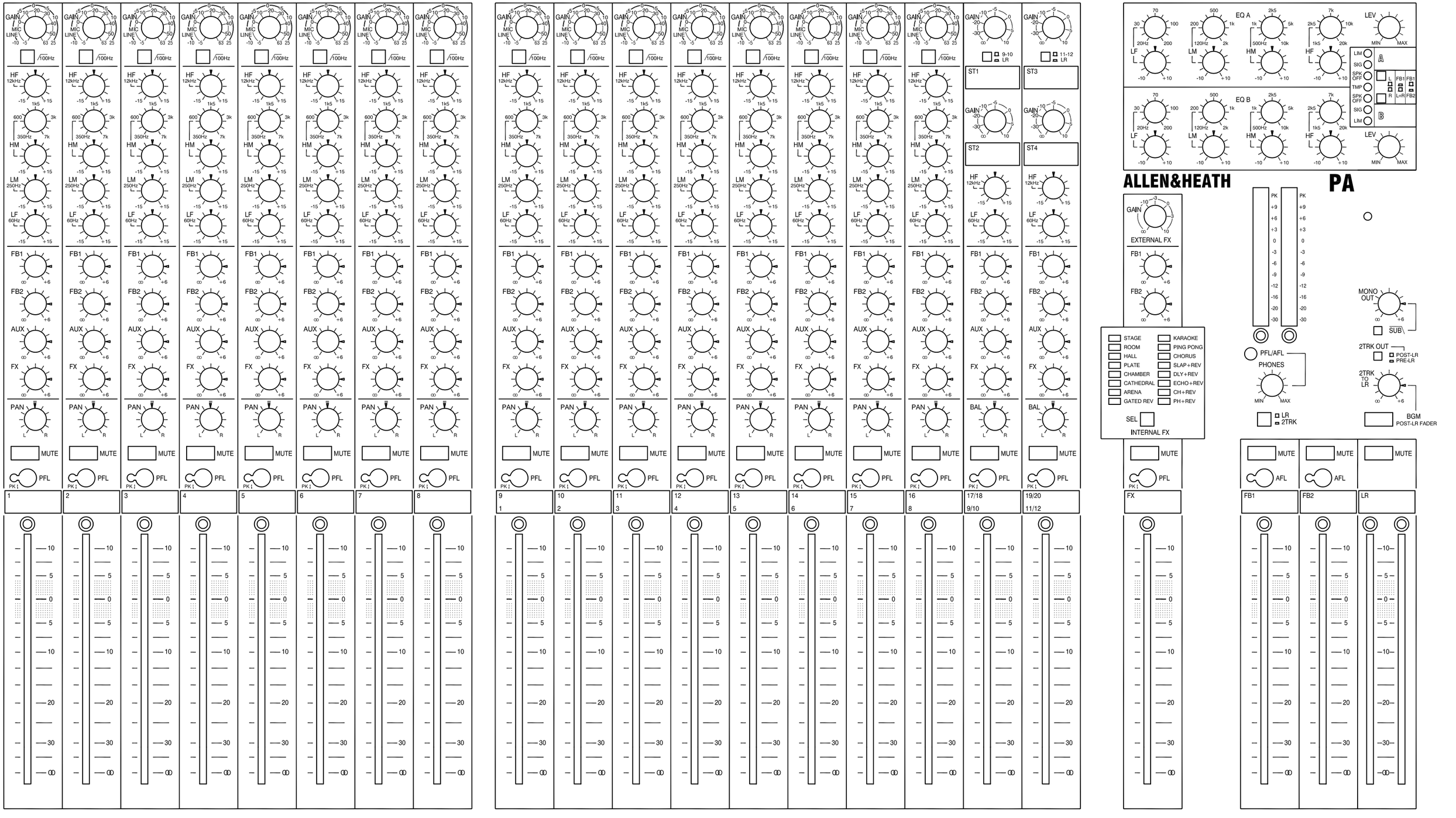
MAINS IN socket	IEC 3 pin
Power lead	Country dependent with moulded mains plug supplied
AC mains	100 to 240V AC @ 50/60Hz auto sensing
Consumption	75W max
Mains fuse rating	100-240V AC T1AL 250V 20mm (A&H part number: AL0305)

Mechanical

Mounting	Portable with carry handle, freestanding desk or floor Removable plastic side trims and extruded aluminium armrest 19" rack ears provided with PA12 Rack ears mount in two positions - straight 10U, angled 11U
Panels	Controls 10 degrees, top connectors, rear mains, lamp and XLR outputs

	Width	Height	Depth	Weight
PA12 (desk)	525 mm (20.6")	145 mm (5.7")	539 mm (21.2")	13 kg (28 lbs)
PA12 (rack)	484 mm (19.0")	446 mm (17.6")	145 mm (5.7")	13 kg (28 lbs)
PA20	733 mm (28.9")	145 mm (5.7")	539 mm (21.2")	17 kg (37 lbs)
PA28	958 mm (37.7")	145 mm (5.7")	539 mm (21.2")	21 kg (46 lbs)





ALLEN&HEATH

PA

PA SERIES BLOCK DIAGRAM

