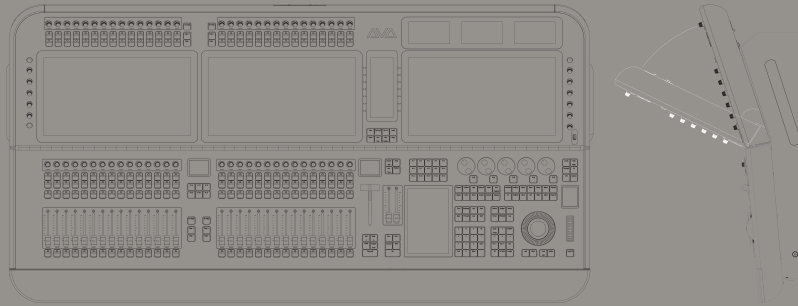




# D9-330 Data Sheet



## Features

### CONTROL SURFACE

30 + 2 motorised touch-sensitive Penny & Giles faders – designer fader cap

11-segment RGB LED level indicator alongside each fader

Halo RGB indicator for each playback

70 optical rotary touch sensitive playback encoders with push function - designer knob

11-segment RGB LED level indicator alongside each encoder

RGB halo indicator for each encoder

180 C&K playback function buttons with positive haptics for timing – designer button cap

3 x 15.6" 1000nits 1920\*1080 capacitive touchscreens with adjustable brightness

3 x 4.3" 1000nits 800x480 preview touchscreens for media or workspaces

Softkey menu touchscreen

Independent paging for each playback section

Programming buttons all RGB backlit, short travel Cherry® MX Low Profile switches

5 custom RGB backlit optical attribute encoders

Dedicated level wheel, machined aluminium with colour LCD status screen

T-Bar with 5 control buttons and a colour LCD status screen

Dual, motorised, touch-sensitive, master cue list fader control with 9 buttons

7" dual-touch high-brightness 800\*1280 programming screen

Full custom backlit QWERTY keyboard in drawer, keys identical to program panel

X, Y, Z, optical trackball

21 backlit Macro / Executor keys, all screen-labelled

Supports two additional HDMI 1920\*1080 touchscreens

### CONSTRUCTION

Panels machined from single pieces of solid aluminium

Comfortable armrest

Exclusively manufactured button caps, fader caps, encoder knobs, encoder wheels and level wheel

All screens flush-mounted

Infinitely adjustable hydraulic screen panel articulation – 18 to 68 degrees from horizontal

# Software

SOFTWARE PLATFORM	AVOLITES TITAN	PLAYBACK CONTROL	USER DEFINED USING MULTIPLE FADERS, ENCODERS AND BUTTONS
DMX CHANNELS PER DEVICE	16,384	EXTERNAL CONTROL	WEB API, SMPTE, MIDI, DMX, S-ACN, GPIO
DMX CHANNELS PER SYSTEM	32,768	TITAN NET	MULTI-USER & DMX EXPANSION
MAX FIXTURES	UNLIMITED	OUTPUT FORMATS	ARTNET, S-ACN, DMX512
KEYFRAME EFFECT ENGINE	CUSTOM EFFECTS WITH ANY NUMBER OF KEYFRAMES	BASE OS	MICROSOFT WINDOWS 10 ENTERPRISE LTSC 64 BIT
PIXEL MAPPING	VIDEO VIA SYNERGY, PIXEL ANIMATIONS FROM TITAN		

# Hardware

UNIT DIMENSIONS (W X D X H)	1380 X 640 X 455 MM (SCREENS UP), 1380 X 705 X 240 MM (SCREENS DOWN)	POWER CONSUMPTION	MAX 400W
	54.3" X 25.2" X 17.9" (SCREENS UP), 54.3" X 27.8" X 9.5" (SCREENS DOWN)	VOLTAGE	110 - 240V AC, 50-60HZ
WEIGHT	68 KG / 150LBS	OPERATING ENVIRONMENT	OPERATING TEMP 0-40C / 32-104F MAX HUMIDITY 95% RELATIVE NON-CONDENSING
		HEAT OUTPUT	MAX 1365 BTU/HR
		INTERNAL UPS	UP TO 5 SEPARATE 4-MINUTE PERIODS, FULLY SOFTWARE INTEGRATED

# Connectivity

DMX 512	8 X NEUTRIK 5-PIN XLR, OPTICALLY AND GALVANICALLY ISOLATED WITH HALO ASSIGNMENT INDICATORS
NETWORK	4 X 1GBE NEUTRIK ETHERCON, INTERNALLY SWITCHED & MANAGED 1 X QUAD OPTICALCON 1GBE LC CONNECTION 1 X 1GB ETHERCON, NETWORK 2
DATA / PERIPHERALS	1 X USB 3.1 UNDER ARMREST 1 X USB 3.1 ON FRONT PANEL 2 X USB 3.1 BACK PANEL 2 X USB 2.0 ASSIGNED FOR EXTERNAL TOUCHSCREENS
EXTERNAL DISPLAY	2 X HDMI UP TO 1920*1080
SMPTE	1 X 3-PIN NEUTRIK XLR TRANSFORMER ISOLATED INPUT WITH SIGNAL INDICATOR PLUS 3-PIN XLR LOOP OUT.
TRIGGER INPUTS	GPIO 4 IN/4 OUT, ISOLATED, AND DRY CONTACTS ¼" JACK FOR FOOT SWITCH. DMX512 DEDICATED INPUT WITH INDICATOR AUDIO INPUT 3-PIN XLR WITH INDICATOR
MIDI	IN, THRU, OUT ON 5-PIN DIN WITH SIGNAL AND ENABLED INDICATORS USB MIDI SUPPORTED
AUDIO OUT	DIGITAL S/PDIF RCA
MAINS POWER	NEUTRIK TRUE1®

The Diamond 9 console comes with a 2-year systems manufacturer warranty.