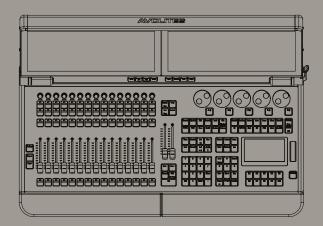# D7 – 215 Data Sheet

Features

CONTROL SURFACE

15 motorised touch-sensitive faders, with designer fader cap

Dual, motorised, touch-sensitive, master cue-list and sequence faders with 9 control buttons

Single RGB LED Halo indicator alonside each fader

15 Ultra high resolution touch sensitive playback encoders with push function

Halo RGB indicator for each playback

60 C&K playback function buttons with positive haptics for timing designer key cap

Paging for playback section

2 x 14" 850 nits 1920 x 1200 capacitive touch main screens with adjustable brightness

1 x 4.3" 850 nits 800x480 capacitive touch macro and workspace screen with adjustable brightness

10 backlit Macro / Executor key & 10 soft Macro buttons with legend on Macro screen

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

5 custom RGB backlit attribute encoders

Dedicated level wheel and onscreen level indication

Full custom backlit QWERTY keyboard in drawer

Supports two additional external DisplayPort 1920*1080 touchscreens

CONSTRUCTION

All aluminium construction to reduce weight

Clam shell LCD panel design to reduce transport size, with positive locking mechanism, adjustable screen panel articulation in 6 degrees steps from – 90 to 155 degrees from vertical

Comfortable armrest

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

All screens flush-mounted

Can be transported in a custom Peli Air 1615 case, allowing for most airlines checked in luggage use

AVOLITES

Software

SOFTWARE PLATFORM	AVOLITES TITAN	PLAYBACK CONTROL	USER DEFINED USING MULTIPLE FADERS, ENCODERS AND BUTTONS
DMX CHANNELS PER DEVICE	16,384		
DMX CHANNELS PER SYSTEM	32,768	EXTERNAL CONTROL	WEB API, SMPTE, MIDI, DMX, S-ACN, GPIO
MAX FIXTURES	32,000		
KEYFRAME EFFECT ENGINE	CUSTOM EFFECTS WITH ANY NUMBER OF KEYFRAMES	TITAN NET	MULTI-USER & DMX EXPANSION
		OUTPUT FORMATS	ARTNET, S-ACN, DMX512
PIXEL MAPPING	VIDEO VIA SYNERGY, PIXEL ANIMATIONS FROM TITAN		

Hardware

PROCESSING	CUSTOM PROCESSING HARDWARE AND COOLING TO GET THE BEST PROCESSING PERFORMANCE AND COOLING WITH THE ADDITION OF FEATURES INCLUDING INDUSTRY STANDARD XLR CONNECTORS FOR NETWORKING AND PROTECTED OUTLETS	POWER CONSUMPTION	MAX 270W
		VOLTAGE	110 – 24 0V AC, 50 - 60HZ
		OPERATION ENVIRONMENT	OPERATING TEMP0 - 40 C / 32-104 FMAX HUMIDI T Y 95% RELATIVENON- CONDENSING
		HEAT OUTPUT	MAX 922 BTU/HR
UNIT DIMENSIONS (W X D X H)	680 X 450 X 240 MM (SCREENS UP) 680 X 450 X 150 MM (SCREENS DOWN)	INTERNAL UPS	UP TO 5 SEPARATE 4 -MINUTE PERIODS, FULLY SOFTWARE INTEGRATED
WEIGHT	UNDER 32KG / 70 LBS		

Connectivity

DMX 512	4 X NEUTRIK 5 -PIN XLR , OPTICALLY AND GALVANICALLY ISOLATED WITH HALO ASSIGNMENT INDICATORS
NETWORK	4 X NEUTRIK ETHERCON ON THE PRIMARY PORT, INTERNALLY SWITCHED & MANAGED 1 X NEUTRIK ETHERCON SECONDARY NETWORK PORT
DATA/PERIPHERALS	1 X USB 3.0 TYPE C RIGHT HAND SIDE HANDLE 2 X USB 3.0 BACK PANEL 2 X USB 2.0 ASSIGNED FOR EXTERNAL TOUCH SCREENS
EXTERNAL DISPLAY	2 X DISPLAY PORT UP TO 1920 * 1080
SMPTE	1 3-PIN LTC TIMECODE IN AND LOOP OUT VIA 3 PIN XLR WITH TRANSFORMER ISOLATION
TRIGGER INPUTS	GPIO 4 IN/4 OUT, ISOLATED, AND DRY CONTACTS ON 15 PIN D SUB CONNECTOR ¼" JACK FOR FOOT SWI TCH AUDIO INPUT FOR 7 X BAND TRIGGERS, VIA 3-PIN XLR WITH TRANSFORM ISOLATION
MIDI	IN, THRU, OUT ON 5-PIN DIN WITH SIGNAL AND ENABLED INDICATORS USB MIDI SUPPORTED
REAR WORK LIGHT	WHITE LED STRIP WITH RED LED BUTTON TO AID QUICK LOCATION 2 X 3 PIN XLR DESK LIGHT SOCKETS
MAINS POWER	NEUTRIK TRUE1®

THE DIAMOND 7 CONSOLE COMES WITH A 2-YEAR SYSTEMS MANUFACTURER WARRANTY.

AVOLITES