Avolites T3
Designed and built for life on the road

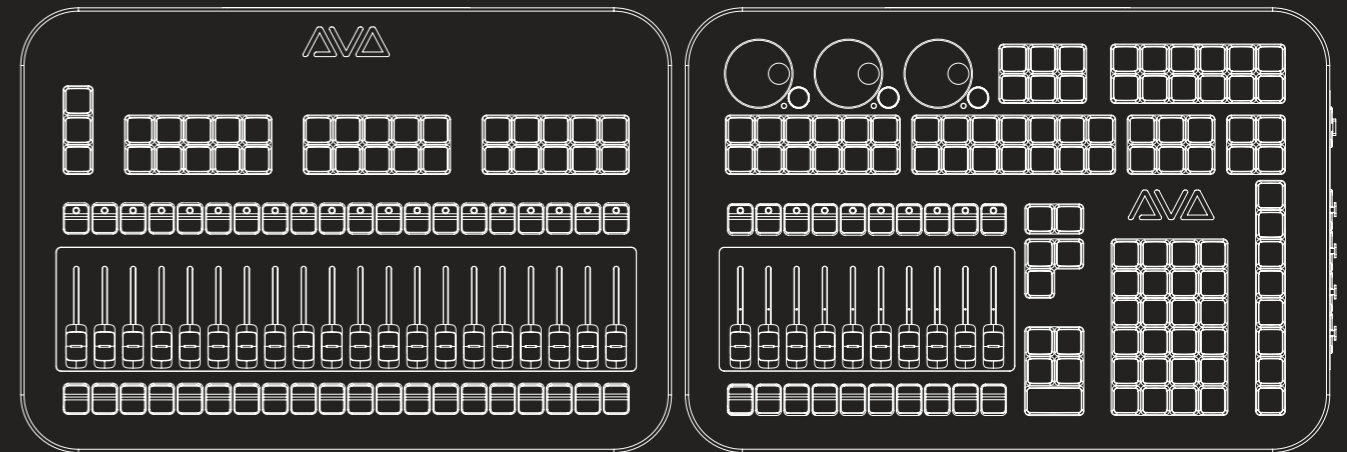# Designed by Lighting Designers for Lighting Designers and life on the road

It's time to take the show on the road. Avolites T3 takes your production everywhere

Avolites was founded in 1976, and ever since our team has worked very closely with the users of our products, as they know what they want, and what works for them. Right from its inception, Avolites has always been a pioneer in the development of the integrated visual canvas. The new T3 is the latest product to showcase true visual integration. It has been designed by Lighting Designers for Lighting Designers, to become their owned console of choice.

The T3 combines a user centred design approach, with high quality materials and components, reliability, comfort and ease of use. It is the ultimate tool for every visual designer who is constantly on the move. Together, our new hardware combined with our powerful software platforms, Titan, Ai and now Prism, means visual designers are able to control not just lights, but integrate the control of lighting, video, generative content and special effects. Giving visual designers unparalleled creative visual control.

Paul Wong - Managing Director, Avolites

DESIGNED TO TRAVEL EVERYWHERE WITH YOU

Created in collaboration with leading lighting designers, Avolites T3 is the lightest, smallest, most affordable console we have ever produced. Sharing the new design language first seen in the Diamond 9, Avolites T3 is made for life on the road.

The dynamic duo

Designed to take demanding shows anywhere, Avolites T3 and the optional Avolites T3–Wing companion form an unbeatable portable control surface.

TOTAL CONTROL

8 menu soft keys. 30 faders. 42 macro and executor buttons. 60 function buttons.

FLAGSHIP BUILD QUALITY

Affordable doesn't mean compromised, as Avolites T3 shares many flagship components.

FITS IN A SINGLE BACKPACK

Barely bigger than a laptop, Avolites T3 and Avolites T3–Wing fit into a single backpack.

CABIN WEIGHT

Engineered for travel weight, the Avolites T3 weighs just 3kg and the T3–Wing weighs 2.6kg.

AVOLITES

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Four robust DMX ports and an LTC port hook up the system to your full rig.

Familiar programming keys

The Avolites T3 combines the full power of our proprietary Titan software.

With a compact, lightweight design that easily connects to your laptop to produce a fully featured moving lights control system.

The key difference of the new T3 is not just the visual change, taking cues from the Diamond 9 flagship console. But also, the button layout, so there is less adjustment required for your muscle memory when using other Avolites consoles.

Avolites T3 uses many of the same components as the new Avolites flagship console, including low profile, backlit Cherry MX Low Profile keys.

AVOLITES

AVOLITES

Travel case

BUILT WITH THE ROAD IN MIND

Avolites T3 and Avolites T3–Wing both come in a bespoke designed, shock absorbing polyurethane travel case with a weather-resistant rubberized zipper cover. Both will fit into a standard sized backpack (not included).

AVOLITES

AVOLITES

Control surfaces

△V△T3

10 X PLAYBACK FADERS

Uncompromised feel of Avolites faders, ready to travel everywhere with you.

3 X OPTICAL ENCODER WHEELS

Reliable and accurate wheels for precise attribute control.

9 X NEW TITAN KEYS

To match the Avolites D9 layout, including the direction and undo keys.

20 C&K FLASH BUTTONS

With custom key caps.

ATTRIBUTE SELECT CONTROLS

Quick access to control and filtering of attribute groups.

12 X MACRO/EXECUTOR BUTTONS

Extra buttons for fast access to macros, or more playbacks for performance.

UNIVERSES

Output up to 16 DMX universes from the host PC via ArtNet and S-ACN. Upgrade to 32 or 64 Universes via your local distributor (performance PC specification dependent).

△V△T3–Wing

CONNECTS WITH A SINGLE CABLE

Connect direct to the PC with a single USB-C cable, the wing unit dramatically expands the control surface.

20 X PLAYBACK FADERS

Triple the number of faders available for your show for more complex productions on the road.

30 X MACRO/EXECUTOR BUTTONS

More than triple the number of Macro / Executor buttons to allow for even more elaborate show designs.

EXPANDS YOUR EXISTING TRAVEL SERIES

Avolites T3–Wing can be connected to an Avolites T2 and your PC.

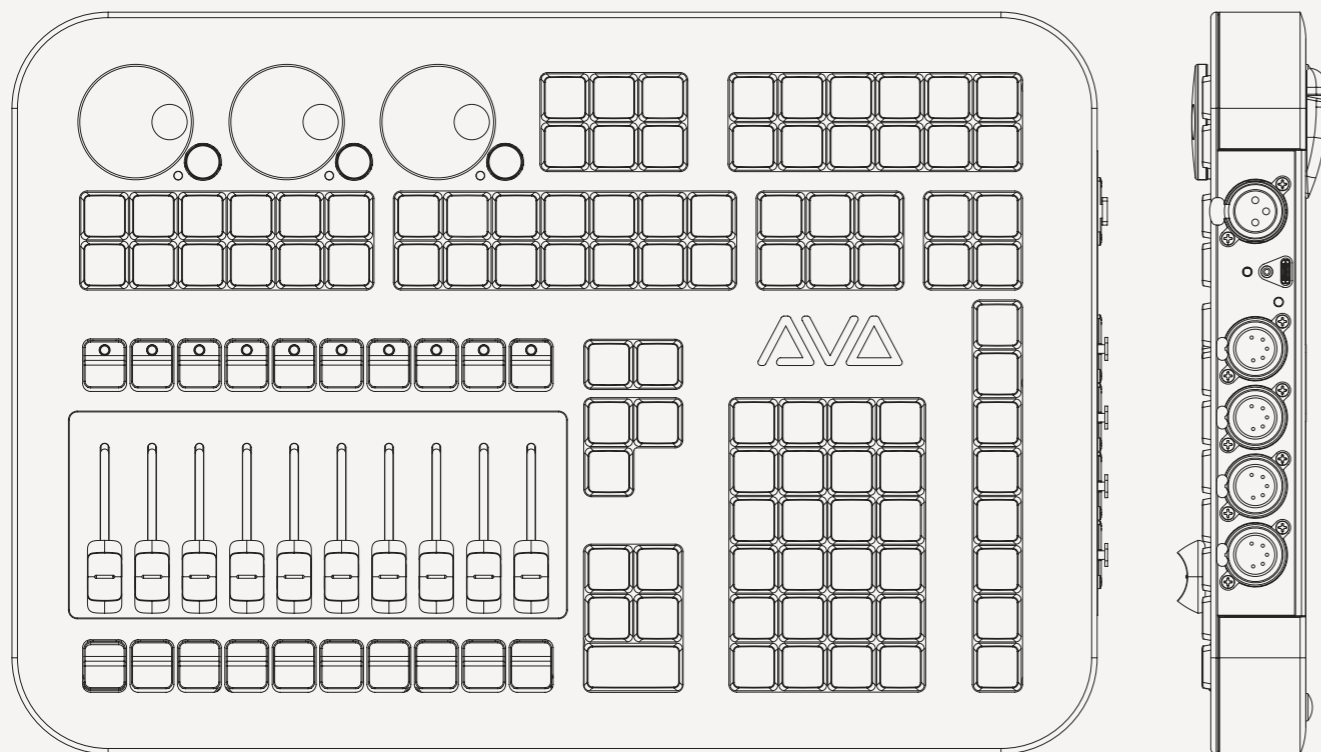**AVOLITES**

AVOLITES

T3 Data Sheet

BUILT FOR LIFE ON THE ROAD

Designed and built for life of the road. The T3 is the lightest, smallest footprint, most affordable and aspirational design we have ever produced.

USE CASE

Professional lighting control where portability, compactness and performance is essential.

Software

SOFTWARE PLATFORM	AVOLITES TITAN PC SUITE	EXTERNAL CONTROL	WEB API, MIDI, DMX, S-ACN
BASE OS	MICROSOFT WINDOWS 10 UPWARDS	PLAYBACK CONTROL	USER DEFINED USING MULTIPLE FADERS, ENCODERS & BUTTONS
3D VISUALISATION	CAPTURE ENGINE BUILT IN	DMX CHANNELS PER DEVICE	8,192
TITAN NET	MULTI USER WITH ANY TITAN CONSOLE (V16.0 & ABOVE)	DMX CHANNELS PER SYSTEM	UPTO 32,768
OUTPUT FORMATS	ART-NET, S-ACN OR DMX512	MAIN FEATURES	TIMELINE, CUE LISTS WITH TRACKING SHEET, CAPTURE VISUALISATION, PIXEL MAPPING, KEYFRAME EFFECTS, SYNERGY WITH PRISM AND AI
UNIVERSES	UP TO 16 DMX UNIVERSES (ART-NET AND S-ACN) FROM HOST, PC HARDWARE DEPENDENT. OPTIONAL UPGRADE TO 32 OR 64 UNIVERSES (WITH THE EDITION OF TITAN NET PROCESSORS)		

Hardware

UNIT DIMENSIONS (W X D X H)	402 X 270 X 50MM	CONNECTION	SCREW LOCKABLE USB-C
SHIPPING BOX DIMENSIONS (W X D X H)	476 X 368 X 88MM	POWER CONSUMPTION	USB 3.1, UP TO 900mA
WEIGHT	3.0 KG / 6.6 LBS 3.7 KG / 8.2 LBS (INC. CASE)	OPERATING ENVIRONMENT	AMBIENT TEMP 0-40C / 32-104F. MAX HUMIDITY 95% RELATIVE NON-CONDENSING

Connectivity

PORTS	DMX 512: 4 X 5-PIN XLR, GALVANIC & OPTICALLY ISOLATED DMX PORT CAN BE CONFIGURED AS INPUT (REQUIRES CONNECTOR TYPE CHANGE CABLE)
	UP TO 16 ETHERNET DMX UNIVERSES (ART-NET AND S-ACN) FROM HOST COMPUTER
	3-PIN XLR SMPTE LTC INPUT
	USB-C COMPATIBLE WITH USB 3.1
PERIPHERALS	USB MIDI SUPPORT THROUGH HOST COMPUTER
	TITAN SUPPORTS UP TO TWO TOUCHSCREENS CONNECTED TO HOST COMPUTER
	EXPAND CONTROL SURFACE WITH OPTIONAL FADER WING

Features

CONTROL SURFACE	10 Playback faders	96 Low profile Cherry MX backlit keys
	12 Macro/Executor buttons	9 New Titan keys to match D9 layout
	20 C&K flash buttons with custom cap	AVOKey security built-in, factory fitted
	3 x Optical encoder wheels	
CONSTRUCTION	Robust aluminium & steel construction	Screw lockable USB–C cable
	Durable reverse printed laminate on high wear area	Low profile 50mm/2inch

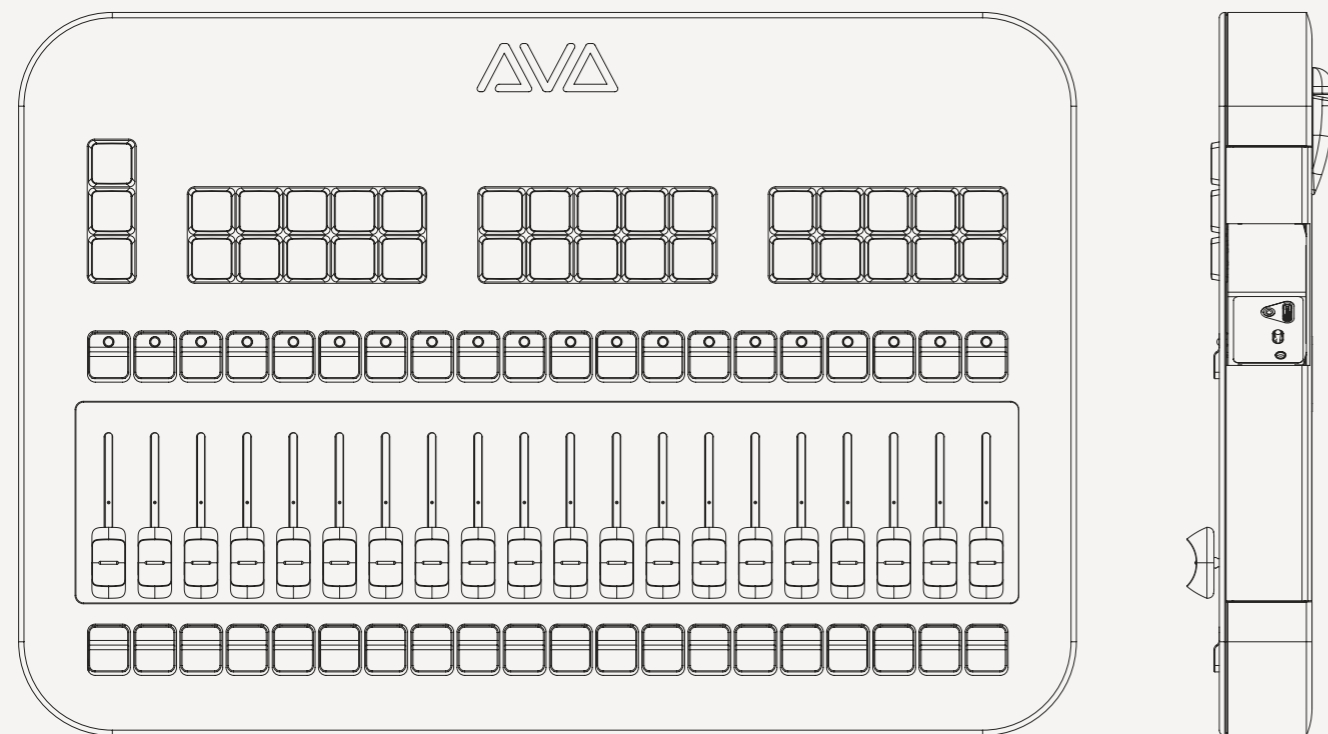## PC Specification

PROCESSOR (MINIMUM)	INTEL i5 2GHz AMD RYZEN 5 3600XT BENCHMARK SCORES - 6000	STORAGE	SSD 256GB + 20% SPACE FREE
SYSTEM RAM (MINIMUM)	16GB	OS	MICROSOFT WINDOWS 10 UPWARDS
GPU	PASSMARK 2000 OR GREATER, SUPPORT FOR DIRECT X 11.1		CONTROL OVER FIREWALL AND VIRUS SCANNING SOFTWARE SETTINGS

T3–Wing Data Sheet

BUILT FOR LIFE ON THE ROAD

Designed and built for life on the road. The T3–Wing is the ideal companion to extend your control surface, giving you freedom and flexibility to operate bigger shows.

Hardware

UNIT DIMENSIONS (W X D X H)	402 X 270 X 50MM	POWER CONSUMPTION	USB, UP TO 900mA
SHIPPING BOX DIMENSIONS (W X D X H)	476 X 368 X 88MM	OPERATING ENVIRONMENT	AMBIENT TEMP 0-40C / 32-104F. MAX HUMIDITY 95% RELATIVE NON-CONDENSING
WEIGHT	2.95 KG / 6.5 LBS 3.65 KG / 8.1 LBS (INC. CASE)		

Connectivity

PORTS	USB-C COMPATIBLE WITH USB 3.1

PC Specification

PROCESSOR (MINIMUM)	INTEL i5 2GHz AMD RYZEN 5 3600XT BENCHMARK SCORES - 6000	STORAGE	SSD 256GB + 20% SPACE FREE
SYSTEM RAM	16GB	OS	MICROSOFT WINDOWS 10 UPWARDS
GPU	PASSMARK 2000 OR GREATER, SUPPORT FOR DIRECT X 11.1		CONTROL OVER FIREWALL AND VIRUS SCANNING SOFTWARE SETTINGS
PROCESSOR (REQUIRED WITH 32 UNIVERSES)	INTEL i7 2.5GHz		
SYSTEM RAM	32GB		

Features

CONTROL SURFACE	20 Playback faders	40 C&K flash buttons with custom cap
	30 Macro/Executor buttons	33 low profile Cherry MX backlit keys
CONSTRUCTION	Robust aluminium & steel construction	Low profile 50mm/2inch

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