CAMBRIDGE AUDIO

INTRODUCING THE **ALVA TT**

DIRECT DRIVE TURNTABLE

v1.0 January 2019

GREAT BRITISH SOUND SINCE 1968

You've spent years building your record collection.
You've dedicated weekends to searching for hidden
gems in record stores and carefully curating your discoveries.
You worked hard, because you love music.

We worked hard creating the Alva TT, because we love music too.

Alva TT. Just Add Vinyl.

CONVENIENCE AND QUALITY. JUST ADD VINYL.

Alva TT is the truly convenient way to enjoy your record collection, without sacrificing on sound quality.

- **Bluetooth aptX HD**
  Wireless Hi-Res streaming. Place the turntable anywhere.
- **Built-In Phonostage**
  No need for extra boxes. Keep your setup simple.
- **Direct Drive**
  Consistent speed with pitch-perfect audio reproduction.
- **Pre-installed High Output MC Cartridge**
  Pristine musical detail. No tricky setup.
- **Single-Piece Tone-Arm**
  Lightweight and strong. Tracks your records flawlessly.

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THE WORLD'S FIRST BLUETOOTH APTX HD TURNTABLE

- Bluetooth aptX HD liberates your record player from the hi-fi rack.
- Place Alva TT anywhere you like.
- Stream from Alva TT to any Bluetooth receiver at up to 24bit/48kHz Hi-Res.
- Easily connect to any Bluetooth speaker, amplifier or headphones.

Bluetooth™ Qualcomm® aptX™ HD

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INTEGRATED PHONOSTAGE

- Plug the Alva TT directly into your amplifier; remove the need for extra boxes in your set-up
- Integrated phonostage builds on the success of our award-winning, 5-star standalone pre-amplifiers, the Alva Solo and Alva Duo.
- Reduces unwanted noise while preserving the characteristic warmth of your vinyl.

CARTRIDGE PRE-INSTALLED

- The high-output moving coil (MC) cartridge on the Alva TT is pre-installed.
- No tricky set-up needed.
- Perfectly matched to the other components in the turntable.
- The exposed cantilever design reduces unwanted resonance and vibration, delivering high levels of gain and pristine musical detail during playback.

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PROTECTIVE DUST COVER INCLUDED

- We include a detachable dust cover with the Alva TT to protect whatever your spinning.

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DIRECT DRIVE MOTOR

- We selected a medium-torque Direct Drive motor, rather than a Belt Drive motor.
- Belt Drive turntables traditionally have a less accurate playback speed than their Direct Drive cousins.
- Direct Drive motor on Alva TT has just 0.06% Wow and Flutter. This means a far better pitch stability – particularly during longer, more sustained musical notes.

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POM PLATTER

- Complimenting the Direct Drive motor, the platter on the Alva TT is both dense and heavy.
- Made from Polyoxymethylene (POM), a high-tech engineering thermoplastic used in precision parts requiring high stiffness and excellent dimensional stability.
- The weight of the platter, coupled with our medium torque Direct Drive motor, ensures excellent speed stability during playback of your records.

SINGLE-PIECE TONE ARM

- The Alva TT uses a classic one-piece tonearm that is both lightweight and strong.
- There are no joints, giving it the best possible grounding for the cartridge and offering extremely low friction.
- It's designed to retrieve the maximum amount of sonic detail from the cartridge and therefore your records.

TECHNICAL SPECIFICATIONS

TURNTABLE

Type:	Direct Drive
Turntable Speeds:	33 1/3, 45 RPM
Motor Torque:	1.6 kg/cm
Wow & Flutter:	<0.1%
Platter:	POM (Polyoxymethylene)
Platter Diameter:	305 mm

TONEARM

Type:	One piece aluminium casting
Effective Length:	238 mm
Overhang:	17.2 mm
Effective Mass:	11 g

INTERNAL PHONO STAGE

Gain @ 1kHz:	42dB
Nominal output (with CA cartridge):	250m Vrms
Equivalent input noise (A-Weighted):	0.1u Vrms
RIAA Curve Accuracy:	+/-0.3dB 30Hz-20kHz
Signal/Noise Ratio:	(ref 1V out, 20-20K BW) >90dB
THD+N 1kHz:	0.0025%
Input Impedance:	47kΩ
Input Capacitance:	320pF
Switchable:	No

OUTPUTS

Audio Output:	RCA Line Level
Bluetooth:	SBC / aptX / aptXHD

GENERAL

Power Supply:	AC 100-240V, 60/50Hz
Power Consumption:	6W approx., 20Wmax, <0.5W (Standby)
Dimensions (W x H x D):	435 x 139 x 368mm
Weight:	11kg

ALVA MC CARTRIDGE

Type:	High Output Moving Coil
Frequency Response:	+/- 1dB 30Hz-20kHz
Stylus:	Elliptical
Cantilever:	Aluminium
Output Level:	2mV @1kHz
Tracking Force:	2g
Recommended Load:	47kΩ

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DUNES

Bowers & Wilkins

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