



VERTERE Tempo Precision Record Player Motor Drive User Manual

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VERTERE

VERTERE Tempo Precision Record Player Motor Drive

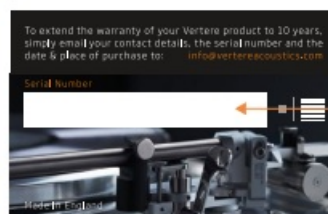
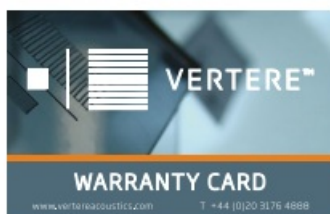


Introduction

Thank you for your purchase of the Tempo Precision Record Player Motor Drive. Please study these instructions carefully. Your Tempo motor drive is designed and manufactured to the highest standards and its correct installation will greatly enhance the sound quality of your record-playing system rewarding you with many years of listening pleasure.

Guarantee

Your Vertere Tempo motor drive is guaranteed against any defect in materials and workmanship for a period of two years from the date of purchase. You can extend this period to ten years by registering your warranty on the Vertere website vertereacoustics.com. Make a note of the serial number(s) on your warranty card for future reference – please retain the card



Serial Number(s)

This guarantee excludes

1. Damage caused due to accident, misuse, neglect, and incorrect installation, adjustment, or repair.
 2. General wear & tear.
 3. Liability for damage or loss during transit from the retailer or purchaser to Vertere or its authorized distributor for the purposes of repair or inspection.
- Carriage costs to Vertere shall be borne by the consignor.
 - All claims under this guarantee must be made through an authorized Vertere retailer. If equipment returned for repair to Vertere is found on inspection to comply with the product specification Vertere reserves the right to make a charge for examination and return carriage,
 - There are no user-serviceable parts inside your motor drive.
 - Unauthorized servicing will void this guarantee.

This product is designed to comply with:

- Electromagnetic Compatibility Directive 2004/108/EC
- Restriction of Hazardous Substances (RoHS) Directive 2011/65/EU
- Waste of Electrical and Electronic Equipment Directive 2012/19/EC
- This product bears the CE & UKCA mark

Standards applied are those which were in force at the time of the introduction of this product. Please ensure that other equipment connected to it is earthed according to the manufacturer's instructions. Products that display the crossed-out wheeled bin logo cannot be disposed of as domestic waste. These products must be disposed of at facilities capable of re-cycling them and appropriately handling any waste by-products. Contact your local authority for details of the nearest such facility. Appropriate recycling and waste disposal helps conserve resources and protects the environment from contamination.

Maintenance

After disconnecting the unit from the mains or its dedicated power supply, the unit may be cleaned with a lightly dampened soft cloth or chamois leather. Avoid use of abrasives or solvents.

Rear Panel Connections



1. Motor Drive Output Socket

ONLY connect using the Vertere-supplied Tempo Motor Link Cable

2. DC Power Input Socket

ONLY connect to the Vertere-supplied DC Power Supply

3. Power Indicator LED

When DC Power is connected

4. Optional Earthing Point

Connect to a suitable earth terminal ONLY if necessary

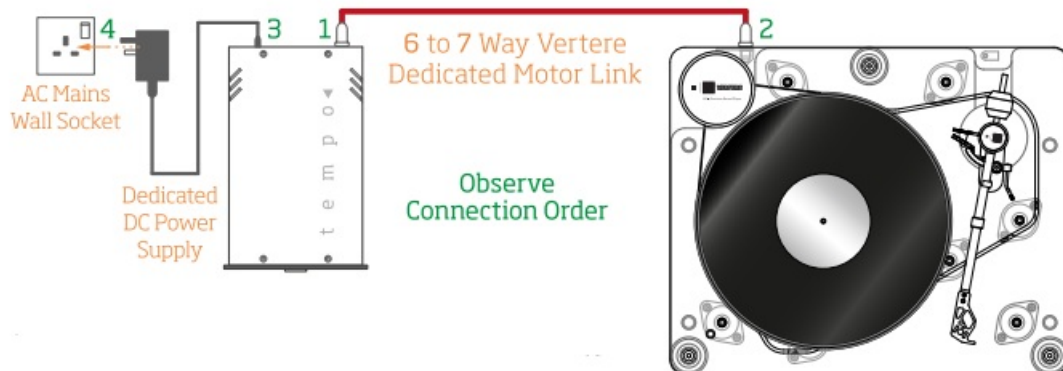
Front Panel Operation & Indicators



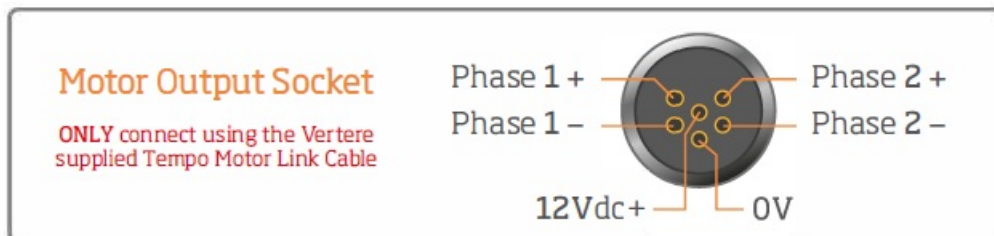
1. Mode Indicator LED
2. Programmable using the Mode/Speed Button
3. Mode & Speed Selector Button
4. **Speed Indicator LED**
5. Green for 33 rpm & Red for 45 rpm

Connecting Motor Drive To Record Player

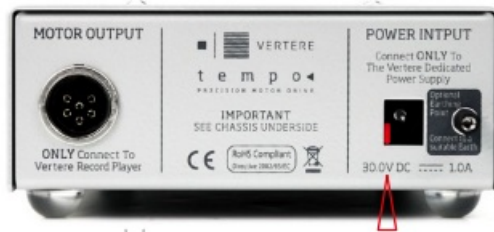
Carefully attach the supplied dedicated motor link cable to the output socket (1) on the rear of the unit
Observe the direction: 6-way to 7-way.



Attach the record player end 7-way connector to your record player motor input socket Only applicable to 2021 models onward – record players with 7-way motor power input sockets. Please refer to your record player user manual.



Operation & Speed Control



- Plug in the dedicated DC power supply and back panel Red LED will illuminate to indicate DC power connection.



- Front panel power indicator LED will also illuminate White. (Tempo is factory set to Mode 1)



- Short press the selector button to select 33 rpm and the Speed indicator LED will illuminate Green

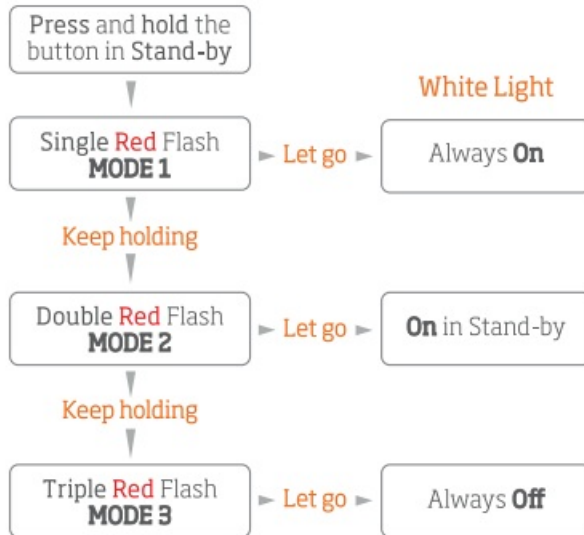


- Toggles between 33 & 45
- Short press the selector button again to select 45 rpm and the Speed



- Press and hold the button for 1.5 secs to stop and the Speed indicator LED will turn off.

White Light Illumination Modes



Upgrades

CHALLENGER

Dedicated DC power supply
with AC mains cable.
Replaces the plug-in-wall
DC power supply



CHALLENGER Redline

Dedicated DC power supply
with Redline AC mains cable

Specifications

- **Technology:** Microprocessor Controlled & Programmable
- **Input Power:** Dedicated DC Power Supply
- **Output Drive:** Bi-phase Bridged Amplifier
- **Output:** Precision Sine & Cosine Waves
- **Output Adjustment:** 33 | 45 Phase Angle & Level
- **Output Voltage:** 17.5 Vac RMS (Two Phases)
- **LED Illumination Output:** 12Vdc (Fixed)
- THD+N: <0.1%
- **Circuit Shielding:** Triple Shielded
- **Motor Link Cable:** Dedicated Two phases + LED Power
- **Power Consumption:** < 30 Watts Max.
- **Dimensions:** 128 x 215 x 56 (WxDxH)mm

Motor Noise Adjustment & Fine-tuning

Tempo Precision Motor Drive has adjustment facility to ensure the record player motor is running at its optimum with minimum motor noise/vibration. This procedure is only applicable to motor drives which are supplied on their own as upgrades. All adjustment and fine-tuning must be carried out by Vertere approved and qualified personnel only.

IMPORTANT NOTE:


All Tempo Motor Drives supplied with Vertere record players have already their motor noise factory fine-tuned and thus this procedure DOES NOT apply to those.

Adjustment access holes are fitted with blanking plugs. DO NOT REMOVE THESE PLUGS Only Vertere-approved and qualified personnel should access if any adjustment is required.



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- Printed In England
- All specifications are liable to change without prior notice. E & OE

Documents / Resources

	<p>VERTERE Tempo Precision Record Player Motor Drive [pdf] User Manual</p> <p>Tempo Precision Motor Drive, Record Player, Tempo Precision Motor Drive Record Player, Player, Tempo Precision Record Player Motor Drive, Tempo Precision Record Player, Motor Drive</p>
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