

THE RECORD PLAYER

MG-1 Magic Groove Record Player MkII - tempo



User & Setup Manual
General Use



Version 3.41



VERTERE™

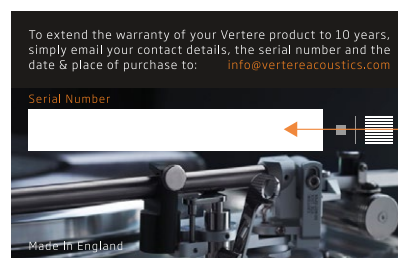
Introduction

Thank you for your purchase of the Vertere MG-1 MkII Record Player. Please study these instructions carefully. Your Record Player 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 Record Player 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 authorised 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 authorised 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 record player, tonearm or motor drive components. Unauthorised servicing will void this guarantee.



Maintenance & Cautions

IMPORTANT

After clipping the arm in, placing the stylus guard on and switching the motor drive off, the record player may be cleaned with the supplied micro fibre cloth or a lightly dampened soft cloth or soft brush.

Take extreme care not to damage the cartridge stylus, motor pulley or the platter.

Do not undo or tighten any of the screws which are indicated as 'Not User Serviceable Part' in the following pages.

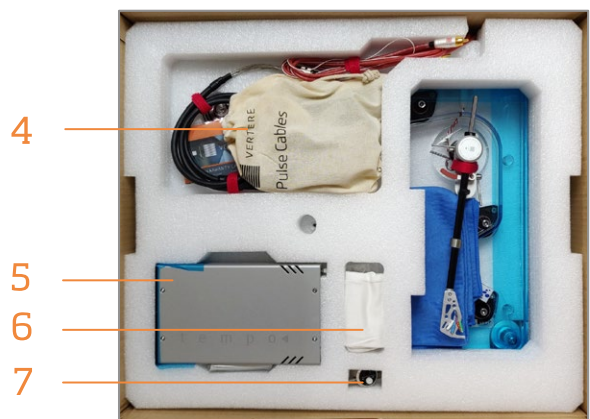
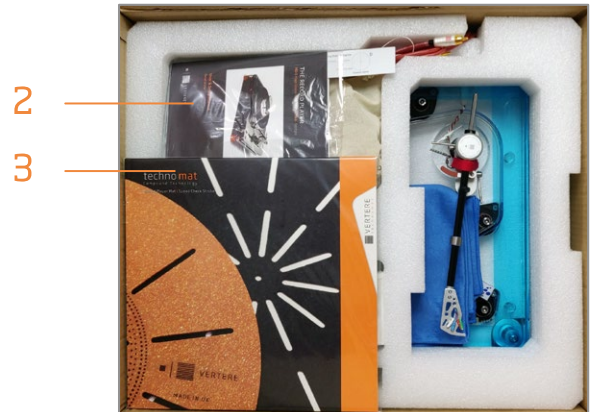
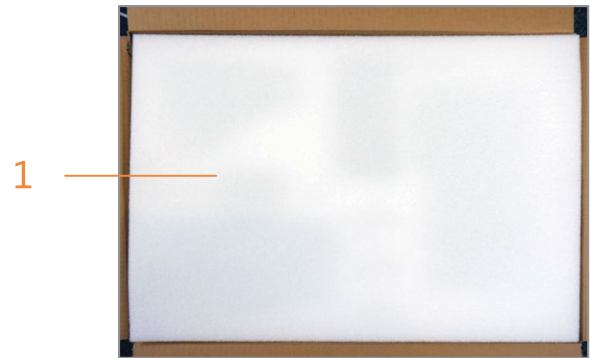
Do not apply undue force on any of the record player or tonearm/cartridge parts.

Avoid using abrasives or solvents on your record player.

Unpacking

Your MG-1 MkII | tempo record player comes packed with:

- 1 Top Packing Foam Pad
- 2 User Manuals
MG-1 MkII, Tempo Motor Drive, SG-1 PTA, & ...
- 3 Technomat
- 4 DC-1 Power Supply Bag
Tempo Plug-in Wall Power Supply & Mains Connectors, **H**
- 5 Tempo Motor Drive
Tuned to the Record Player motor
- 6 Pair Of Cotton Gloves, **J** - Drive Belt, **A** -
SG Tonearm Accessories & Spindle Cap, **F** -
Spirit Level, **D**
- 7 SG-1 PTA Main Counterweight, **G**



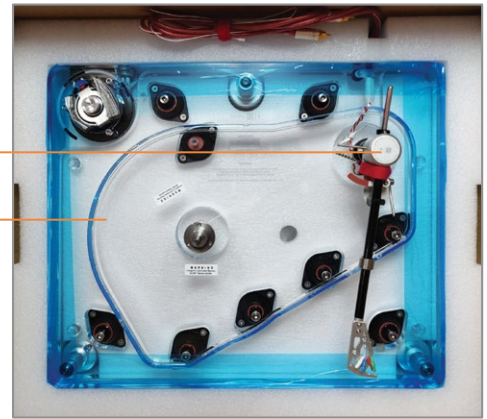
NOTE:

- A** Precision Drive Belt
- B** Warranty Card & Optical Cleaning Cloth
- C** Tempo Dedicated Motor Drive Link Cable
- D** Spirit Level
- E** SG-1 PTA Alignment Protractor
- F** SG-1 PTA Accessories Pack & Spindle Cap
- G** SG-1 PTA Main Counterweight
- H** DC-1 Power Supply (Incl. UK, EU, US & AU Plugs)
- J** Pair Of Cotton Gloves

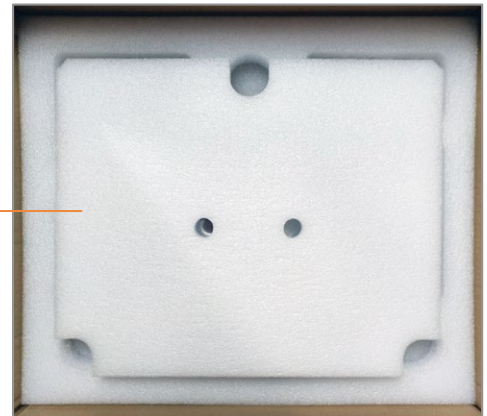
Unpacking

Continued:

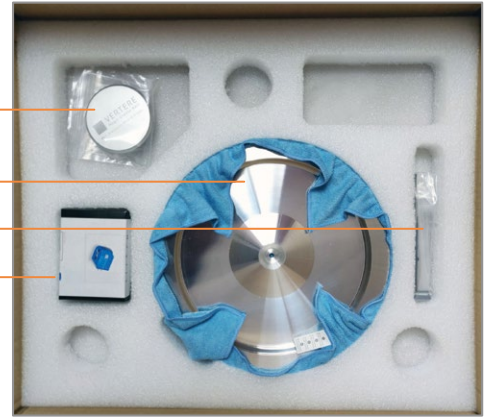
- 8 SG-1 PTA Tonearm +
Redline Tonearm Cable
Optional;
SG HB version with HB Internal Wiring
- 9 MG-1 MkII Record Player - Clear
Optional;
Metallic Black, Pearlescent White and Champagne Finishes
- 10 Platter & Accessories Protective Foam
Extremely important to be fitted for transportation
- 11 Motor Cover
- 12 Main Platter
- 13 Allen Key Set
1.5mm, 2.0mm, 2.5mm, 3.0mm & 5.0mm A/F Hex.
- 14 Mystic Packaging Box
When Factory Fitted
- 15 Motor Protective Foam Block (x2)
Carefully Removed Before Fitting The Belt



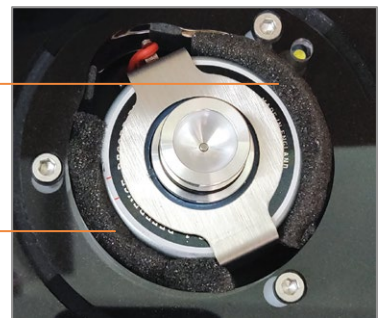
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Record Player Preliminary Preparation IMPORTANT

- Using the protective gloves supplied, carefully remove the MG-1 Record Player and SG Tonearm from the packaging and place on a suitable, rigid, level, equipment rack or table.
- Remove the Tempo Motor Drive and place it on another shelf on the rack or a suitable surface nearby - refer to **Tempo User Manual**.
Do not connect the Motor Drive DC power supply to the mains just yet.
- Remove all other accessories and cables from the packaging.
- Leave the Platter in the packaging, under its protective foam until later.
- follow the instructions below.

Note: If at all in doubt, stop and contact your Vertere retailer, distributor or Vertere directly for advice.

Main Bearing / Platter Preparation IMPORTANT

- Carefully peel off and remove the blue protective film(s) from the MG top plinth.
- Gently remove the platter from the bottom tray and carefully place on the bearing spindle - look through the spindle hole to line the spindle with the platter centre hole to avoid accidental damage to the underside of the platter.
- **Do not** remove the main bearing Spindle from the main bearing Housing - ***
The MG-1 main bearing is now Long-term Lubricated and would not require servicing or re-lubricating for 7-10 years.
- If the spindle is inadvertently removed it will require a qualified service personnel to re-lubricate the bearing correctly and to refit the spindle.
Contact your local Vertere retailer, distributor or Vertere for further assistance.

Note: Sub-plinth label indicating Long-term Lubrication of the bearing.



WARNING
Longterm Lubricated Bearing
DO NOT Remove Spindle

Fitting The Platter

Use the gloves supplied and remove the platter, 12, from the packaging and carefully and gently place the platter onto the spindle block.

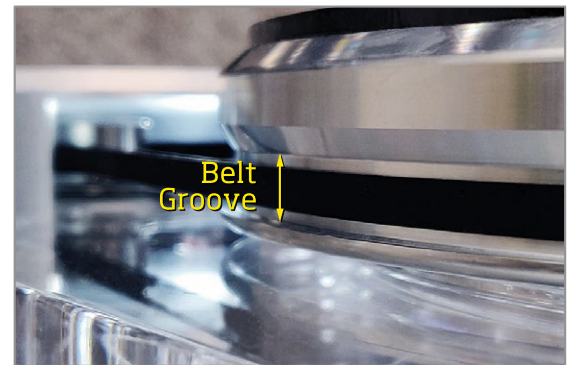
Look through the spindle hole in the platter to help locate the top of the spindle and to avoid any accidental damage to the platter underside.



Fitting The Drive Belt

You can fit the drive belt once the platter is correctly placed and located onto the main Spindle Block.

Remove the belt, A, from the packaging and carefully place the belt around the platter belt groove and the motor pulley.



Gently rotate the platter by hand to ensure the belt is seated correctly in the platter belt groove and around the motor pulley.

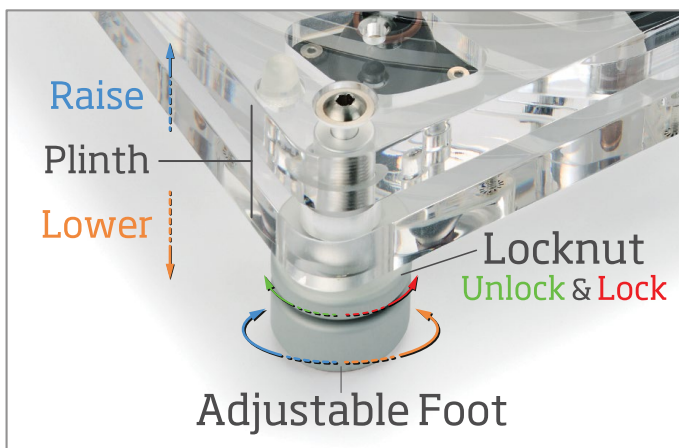
- See opposite.



Levelling The MG-1

Using the MG-1 adjustable feet, level the record player and check the level on the Platter with the spirit level provided as shown opposite.

Be careful when placing the spirit level to avoid accidental damage to the machined surface.



Unlock the Adjustable Foot Locknut.

Turn the foot as indicated to raise or lower the MG-1 - using the three feet as required.

Once the MG-1 is level, lock the locknut as indicated.

Connecting the Motor Drive

Connect the Tempo Motor Drive, **5**, to the record player using the supplied dedicated Tempo motor link cable, **C**, and position it where the motor cable is not entangled or twisted.

- Refer to Tempo Motor Drive User Manual

Check the motor link connectors at both ends are plugged in and screwed on fully.

Plug the DC-1, **H**, power supply to the wall mains socket.

The record player internal mood/motor LED light (If turned ON at the back) and the White power LED indicator on the front of the Tempo Motor Drive should now illuminate.

Press the speed selector button on the Tempo and the speed LED indicator should illuminate Green and the platter should start rotating at 33 rpm.

Check 45 rpm speed by pressing the speed selector button again. This button toggles between 33 & 45.

- Refer to Tempo Motor Drive User Manual

Note: The drive belt should run approximately in the middle of the belt groove on the platter, preferably a little towards the bottom part, and about 1.0mm above the black O-ring on the pulley.

- See opposite.

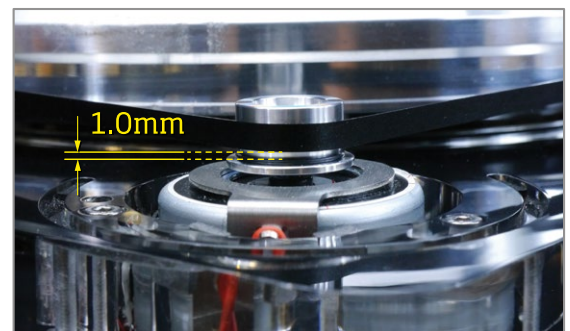
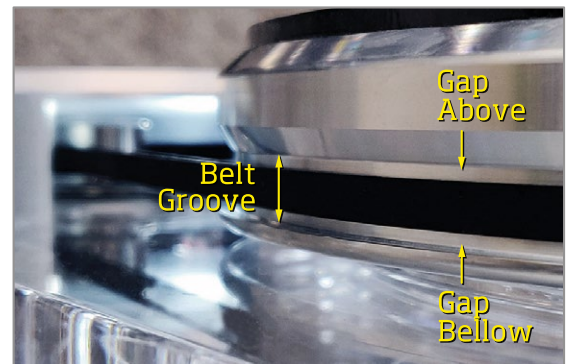
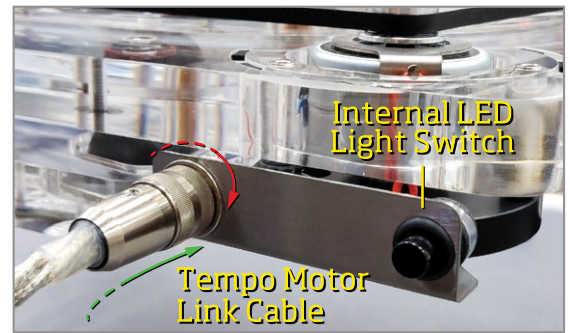
IMPORTANT

Your MG-1 record player motor alignment would have been already set prior to testing and shipping and it shouldn't require further adjustment.

However if for any reason it requires re-adjusting refer to Motor Adjustment instructions on Page 10.

Motor Cover

Now place the Motor Cover, in its groove on the Top plinth. Take care not to damage or scratch the surface of the plinth.



Tonearm Cable Dressing

The Redline Tonearm cable supplied would have been fitted to the SG Tonearm and the Platter Grounding wire would have also been fitted as shown opposite.

It is important to ensure that the flexible section of the tonearm cable leading to the 5-Pin connector is plugged into the bottom of the tonearm. Also ensure that the wires are gently curved and do not interfere with any part of the Top & Lower plinths.

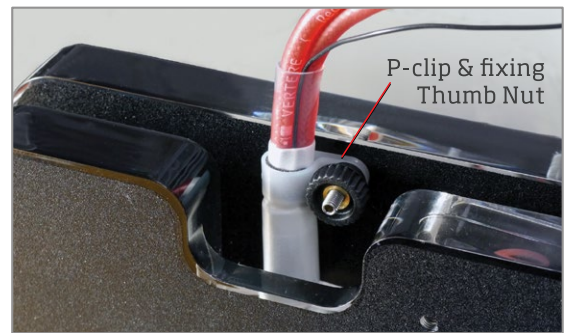
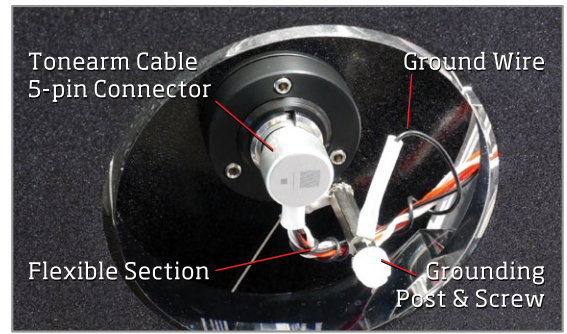
DO NOT press the connector in fully and tightly.

This is unnecessary and will make unplugging of the connector in the future difficult. If you find yourself in this situation, do not try to pull the connector out by using excessive force. Instead, use a medium size flat screw driver to wedge between the connector body and the bottom of the tonearm pillar and gently lever it out.

The main section of the tonearm cable is then securely attached and clamped by the P-clip and the fixing thumb nut as shown.

This acts as a mechanical grounding point for the tonearm cable to eliminate unwanted vibrations getting to the pickup part of the tonearm.

If you have any queries or question regarding this setup manual and the procedures outlined, please contact your authorised Vertere retailer, distributor or Vertere directly.



Tonearm & Cartridge Setup

You can now fit the phono cartridge and setup the Super Groove tonearm by following the tonearm and cartridge manufacturer's User Manuals.

Note: The Super Groove tonearm is factory set to be level with the platter.

Refer to SG-1 PTA user manual for full setup and alignment instructions.

Plinth Level Adjustment - Not Required

FOR INFORMATION ONLY

Your MG-1 Sub, Top & Base plinths have all been factory set to ensure correct alignment and level. It is important not to adjust any of the de-coupler fixing and adjustment screws shown.

- 1, 2, 3 & 4 : Adjust Top & Base Plinth
- 1, 2, 3 & 4 : Adjust Sub-Plinth Left to Right Tilt
- 1 : Adjust Sub-Plinth Front to Back Tilt





In case of any issues contact your Vertere retailer.

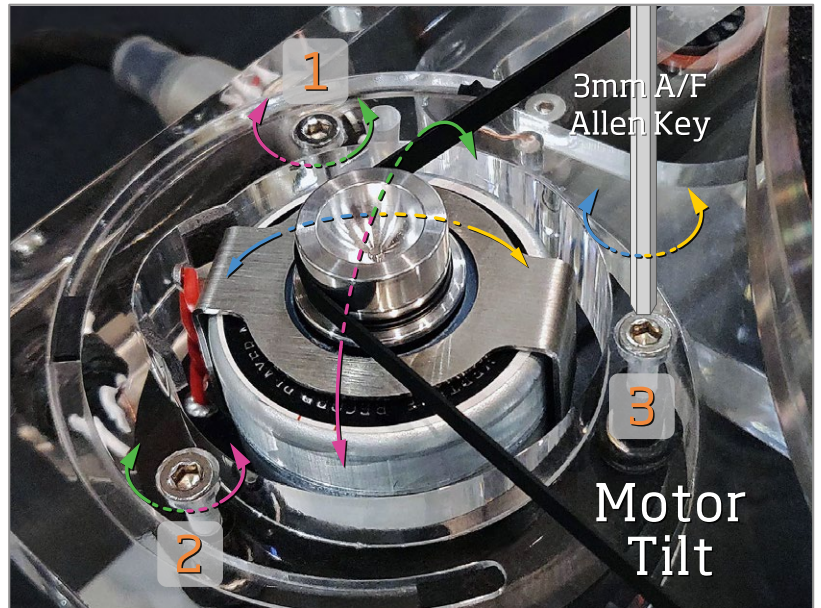


Belt Running Position

The three Motor Assembly fixing bolts (1, 2 & 3), as shown, are also used to fine-adjust the alignment of the motor which determines the running position of the drive belt on the motor pulley.

Quick Guide

-  : Belt Position Up on Pulley
-  : Belt Position Up on Pulley
-  : Belt Position Down on Pulley
-  : Belt Position Down on Pulley



Adjustment Procedure

Gently tightening any of these bolts will move the motor body up at that point while gently undoing of the bolts will consequently lower the motor body at that point - See Motor Tilt above

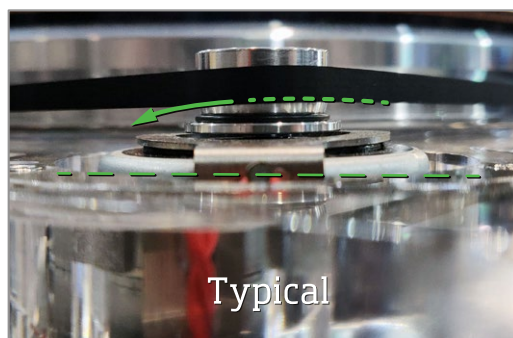
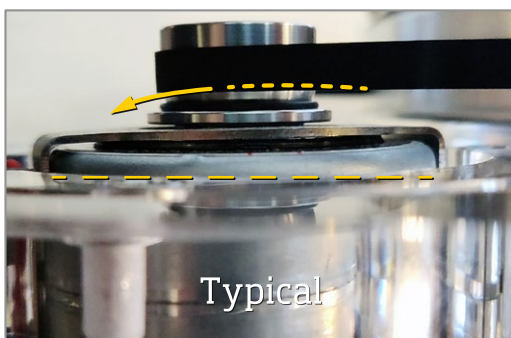
By tilting the motor body using bolts 1 & 2 such that the motor body is slightly lower at bolt position 1 will move the running position of the belt Down on the pulley.

Similarly moving the motor body up at bolt position 3 will have the same effect of lowering the running position of the belt.

The opposite of the above two adjustments will move the belt position Up on the pulley.

Note:

The Motor Tilt should always be slight and generally no more than a few degrees.



Also **very important** that none of the fixing bolts have been undone to the point of being loose or excessively tightened.

There should always be a reasonable amount of tightness to ensure the Motor Assembly is firmly secured to the top plinth and it is not 'floating' off of the plinth.

Upgrades



C H A L L E N G E R
Dedicated DC power supply
with AC mains cable
Replaces the original plug-in-
wall DC-1 power supply



C H A L L E N G E R | Redline
Dedicated DC power supply
with Redline AC mains cable
Replaces the original plug-in-
wall DC-1 power supply



Super Groove Precision Tonearm HB
Pulse-HB Internal Wiring



veRum Solo Tonearm Cable
Pulse | Reference Analogue
Tonearm cable

Super Upgrades



Imperium
Precision Motor Drive



M y s t i c
Moving Coil Phono Cartridge



RG-1 Reference Iso-shelf
Record Player Support Platform



Silencer
Equipment Support Pod



VERTERE™

RECORD PLAYING SYSTEMS

RG-1 Reference Groove Record Player
SG-1 Super Groove Record Player
MG-1 MkII Magic Groove Record Player
DG-1S Dynamic Groove Record Player

MOTOR DRIVES

RG-1 Reference Motor Drive
imperium Precision Motor Drive
Tempo Precision Motor Drive

TONEARMS

Vertere Reference Tonearm New Gen.
SG-1 PTA HB Tonearm PULSE-HB Internal Wiring
SG-1 PTA Tonearm Standard PULSE Internal Wiring

PHONO CARTRIDGES

Mystic Moving Coil Cartridge
s a b r e HD Moving Magnet Cartridge
Magneto Moving Magnet Cartridge

PHONO PREAMPLIFIER

PHONO-1 MkII L

ANALOGUE INTERCONNECT CABLES

PULSE-HB
PULSE-veRum
PULSE-Redline
D-Fi
RCA, XLR Balanced, DIN & 5-Pin Tonearm

SPEAKER CABLES

PULSE-HB
PULSE-XS Reference
PULSE-XS
PULSE-Redline
7mm, 4mm Banana & Spade - Single Ended Or Bridged Balanced

DIGITAL INTERCONNECT CABLES

PULSE-HB
PULSE-Redline
D-Fi
USB TypeA, TypeB, Mini, Micro, Ethernet RJ45
COAX-75 Ohm RCA & BNC, AES/EBU Balanced XLR

MAINS POWER CABLES & DISTRIBUTION

PULSE-HB, PULSE-HBS & HB MAINS DISTRIBUTION BLOCK
PULSE-Redline
UK, EU, US: IEC & IEC 20A

RECORD PLAYER SUPPORT

STAGE-1 REFERENCE ISOLATION PLATFORM

EQUIPMENT SUPPORT

STAND-1 REFERENCE EQUIPMENT SUPPORT



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