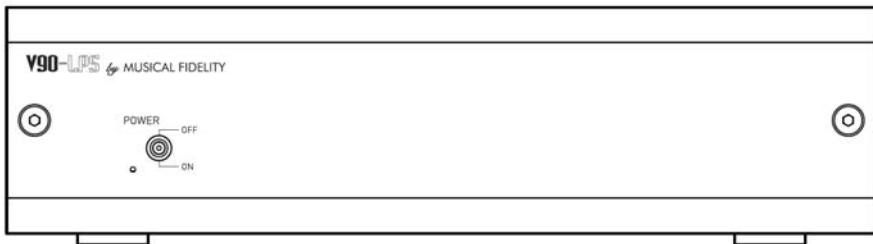


V90-LPS Phono Stage

Instructions



Connections

All connections must be made before the mains adaptor is plugged in, and before any amplifier connected is switched on. Always switch off the equipment attached to the V90-LPS before connecting/disconnecting power, changing leads or inputs.

Inputs

Using good quality RCA leads (not supplied), connect the left and right turntable outputs to the correct V90-LPS INPUT sockets.

Use the phono MM input for moving magnet cartridges. Make sure MM/MC switch is OUT.

Use the phono MC input for moving coil cartridges. Make sure MM/MC switch is IN.

Outputs

Connect the V90-LPS left and right OUTPUTS to the desired LINE LEVEL (e.g. AUX) inputs of the amplifier system.

Power

Plug the DC connector lead from the power supply unit into the V90-LPS power inlet socket, and plug the adaptor itself into a convenient wall mains outlet. Switch on the unit, and the blue LED will light to confirm the unit is ready for use.

Earthing An earth terminal is provided. Optimum earthing arrangements differ according to setup.

Connect earth wire from turntable to this terminal if hum is apparent.

Any particular setup may work perfectly or even better if this terminal is left disconnected and there is no harm in doing so.

Use

Turn the volume on amplifier to normal listening levels, sit back and enjoy the music.

These products have been designed so that it may be left on indefinitely, but please note that the mains adapter may become warm to the touch - this is normal.

Introduction

Thank you for purchasing the V90-LPS. We sincerely hope that it will bring you many years of outstanding listening pleasure.

Installation Precautions

Your new V90-LPS is designed and built to provide trouble-free performance, but as with all electronic devices, it is necessary to observe a few precautions:

Do not use the V90-LPS near water. The unit must not be exposed to dripping or splashing and no objects filled with liquids, such as vases, must be placed on the unit.

Keep the V90-LPS away from heat such as radiators. No naked flame sources, such as lighted candles, should be placed on the unit.

Power Supply Note:

Only use approved *Musical Fidelity* DC power supply. The use of other adaptors or supplies could seriously damage the V90-LPS.

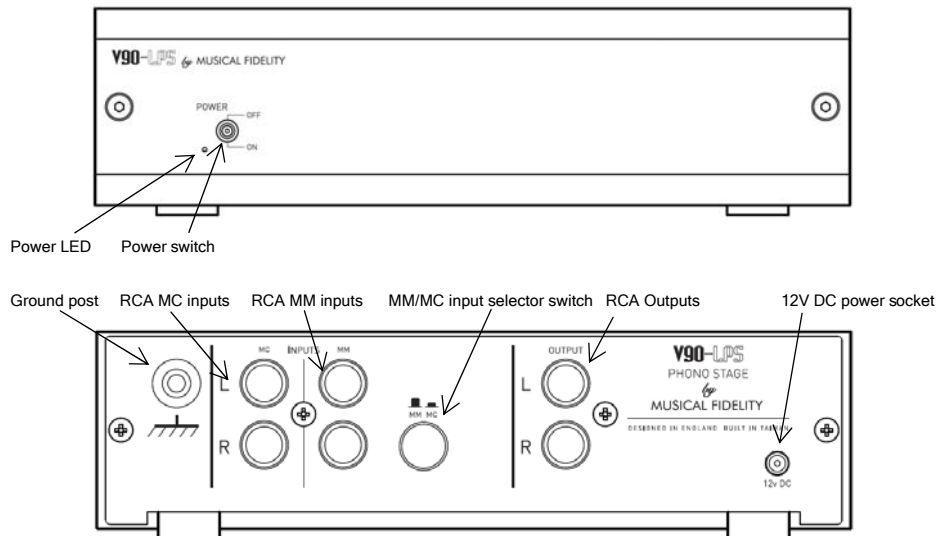
This Hi-fi product has been tested to ensure that its operation is not adversely affected by normal background levels of Radio Frequency Interference (R.F.I.), and that it does not itself generate excessive amounts of interference. However, if a problem persists, please contact your Musical Fidelity agent.

Never open the case of the V90-LPS yourself, as this will invalidate the guarantee. Place all connecting cables where they are not likely to be walked on or trapped by items placed on them.

The V90-LPS will operate in accordance with its specifications within the following environmental range:

Temperature 5 to 45 degrees Celsius
Humidity 10 to 90% non condensing

There are no user adjustments inside. Please refer all service work to an authorised Musical Fidelity agent.



Basic problem-solving with an amplifier is similar to troubleshooting other electrical or electronic equipment. Always check the most obvious possible causes first, such as the following examples:

Problem	Probable Cause	Remedy
No power	Power supply not switched on. Power plug is not fully inserted into rear socket	Check power supply is plugged in and switched on Plug in securely
No sound	Wrong connections between input source and the V90-LPS Wrong connections between the V90-LPS output and the following component	Check audio input lead connections Check audio output lead connections
Hum Connecting turntable earth makes hum worse.	Audio connector plug not fully pushed in Turntable earth not connected. Earth loop within system. (may not be apparent with other line level sources)	Insert plug securely and check leads Try connecting turntable ground lead to ground post on V90-LPS. Disconnect turntable earth connection. Not all setups require turntable earth to be connected. Investigate system for other hum/earth loops if hum persists.

If none of these actions affect a cure, please contact the dealer, or an authorised Musical Fidelity service agent. Remember; never open the case of the V90-LPS, as this will invalidate the guarantee.

Specifications	MM	MC	
Input impedance	47K Ω	100 Ω	
Input sensitivity	3.0mV	400 μ V	for 300mV out
Total harmonic distortion	0.01%	0.01%	@1kHz, 300mV out
Signal / noise ratio	>80dB	>70dB	"A" weighted
Input overload margin	15dB	22dB	
General	RIAA response	± 0.25 dB	
	Power requirement	12Vdc	500mA
Connections	Moving magnet inputs	1 pair RCA sockets	
	Moving coil inputs	1 pair RCA sockets	
	Line level outputs	1 pair RCA sockets	
	Power input	1.3mm DC power socket	
Dimensions	Length	102mm	4" including terminals
	Width	170mm	6 $\frac{3}{4}$ "
	Height	47mm	1 $\frac{3}{4}$ " including "feet"
Weight	Unit alone	600g	1 $\frac{1}{2}$ lbs
	Unit packed in carton	1.1Kg	2 $\frac{1}{4}$ lbs
Accessories (supplied)	DC power supply	12V	500mA 1 off
	Leaflet	V90-LPS	Instructions 1 off

Musical Fidelity reserves the right to make improvements which may result in specification or feature changes without notice. E&OE.

Item disposal information for Europe



DISPOSAL

The crossed out wheeled bin label that appears on the back panel of the product indicates that the product must not be disposed of as normal household waste. To prevent possible harm to the environment please separate the product from other waste to ensure that it can be recycled in an environmentally safe manner. Please contact your local government office or your retailer for available collection facilities.



DISPOSITION

La poubelle sur roulettes barrées X, qui apparaît en logo sur le panneau arrière du produit, indique que celui-ci ne doit pas être traité comme un déchet domestique commun. Afin de protéger l'environnement, ce produit électronique devra être géré séparément et donc recyclé selon les nouvelles normes Européennes Rohs concernant les déchets d'appareils électroniques. Prière de contacter les services concernés gouvernementaux ou votre point de vente pour l'élimination et l'enlèvement de déchets électroniques équipés de composants électroniques.



DISPOSAL

La etiqueta cruzada hacia fuera del compartimento que aparece en el panel trasero del producto indica que el producto no se debe reciclar como basura normal de la casa. Para prevenir daños posible al ambiente separe por favor el producto de otras basura para asegurarse de que puede ser reciclada de una manera ambientalmente segura. Entre en contacto por favor a su oficina gubernamental local o a su minorista para las instalaciones disponibles de la colección.



RIFIUTI

L'etichetta del cassonetto barrato riportato sul retro dell'apparecchio indica che il prodotto non deve essere smaltito tramite la procedura normale di smaltimento dei rifiuti domestici. Per evitare eventuali danni all'ambiente, separare questo prodotto da altri rifiuti domestici in modo che possa venire riciclato in base alle procedure di rispetto ambientale. Per maggiori dettagli sulle aree di raccolta disponibili, contattate l'ufficio governativo locale od il rivenditore del prodotto.



FACHGERECHTE ENTSORGUNG

Das auf der Geräterückseite angebrachte Label deutet darauf hin, dass das Produkt nicht mit konventionellem Hauskehricht entsorgt werden darf. Um Schäden und Verschmutzungen an Umwelt und Mensch zu vermeiden, muss das Produkt fachgerecht entsorgt und von anderem Abfall getrennt werden. Wenden Sie sich bei Fragen hierzu an Ihren Fachhändler oder an eine öffentliche Informationsstelle.



AFVAL

Het label op de achterzijde van dit apparaat, een afvalbak op wielen met een kruis doorgehaald, geeft aan dat dit apparaat niet samen met gewoon huishoudafval mag worden weggegooid. Om mogelijke schade aan onze leefomgeving te voorkomen dient dit apparaat, gescheiden van gewoon huishoudelijk afval, te worden afgevoerd zodat het op een milieuvriendelijke manier kan worden gerecycled. Neem voor beschikbare inzamelplaatsen contact op met uw gemeentelijke reinigingsdienst of met uw elektronica leverancier.



HÄVITÄMINEN

Yrüksattua jäteastiaa kuvaava tarra tuotteen takalevyssä kertoo, että tuotetta ei saa käsitellä normaalin talousjätteenä. Ympäristön suojelemiseksi on tuote pidettävä erillään muusta jätteestä ja se on kierrätettävä ekologisesti kestävällä tavalla. Ota yhteyttä laitteen myyjään tai Pirkanmaan Ympäristökeskukseen lähimmän kierrätyskeskuksen löytämiseksi.



ÆSKAFNING

Logotet med en skraldespand med kryds over på bagsiden af apparatet indikerer at dette produkt ikke må kasseres som normal husholdningsaffald. For at forebygge mulig skade på miljøet, bedes De separere dette produkt fra andet affald, og sikre at det bliver genbrugt på en miljørigtig måde. Kontakt venligst de lokale myndigheder eller din forhandler for oplysning om nærmeste tilgængelige opsamlingssted for elektronikaffald.



ΔΙΑΔΙΚΑΣΙΑ ΑΠΟΡΡΙΨΗΣ

ΤΟ ΣΗΜΑ ΜΕ ΤΟΝ ΔΙΑΓΡΑΜΜΕΝΟ ΤΡΟΧΗΛΑΤΟ ΚΑΘΩ ΑΠΟΡΡΙΜΑΤΟΝ ΣΤΗΝ ΠΙΣΩ ΟΨΗ ΤΟΥ ΜΗΧΑΝΗΜΑΤΟΣ ΔΗΛΩΝΕΙ ΟΤΙ ΤΟ ΠΡΟΪΟΝ ΑΥΤΟ ΔΕΝ ΠΡΕΠΕΙ ΝΑ ΔΙΑΧΕΙΡΙΣΘΕΙ ΣΑΝ ΣΥΝΘΕΣΜΕΝΟ ΟΙΚΙΑΚΟ ΑΠΟΒΛΗΤΟ. ΠΡΟΣ ΑΠΟΦΥΓΗ ΕΝΔΕΧΟΜΕΝΗΣ ΕΠΙΒΑΡΥΝΣΗΣ ΤΟΥ ΠΕΡΙΒΑΛΛΟΝΤΟΣ, ΣΕΧΩΡΙΣΤΕ ΤΟ ΠΡΟΪΟΝ ΑΠΟ ΤΑ ΆΛΙΑ ΑΠΟΡΡΙΜΑΤΑ ΟΣΤΕ ΝΑ ΕΞΑΦΑΝΙΣΘΕΙ Η ΑΝΑΚΥΚΛΩΣΗ ΤΟΥ ΜΕ ΤΟΝ ΠΡΕΠΟΝΤΑ ΤΡΟΠΟ. ΠΑΡΑΚΑΛΟΥΜΕ ΝΑ ΕΠΙΚΟΙΝΩΗΣΕΤΕ ΜΕ ΤΗΝ ΤΟΠΙΚΗ ΥΠΗΡΕΣΙΑ ΑΝΑΚΥΚΛΩΣΗΣ Η ΜΕ ΤΟ ΚΑΤΑΣΤΗΜΑ ΑΓΟΡΑΣ ΓΙΑ ΠΕΡΙΣΣΟΤΕΡΕΣ ΛΕΠΤΟΜΕΡΕΙΕΣ.

MUSICAL FIDELITY

Units 24-26
Fulton Road
Wembley
HA9 0TF
England
(+44 208 8900 2866
<http://www.musicalfidelity.com/>

Manual issue 01

