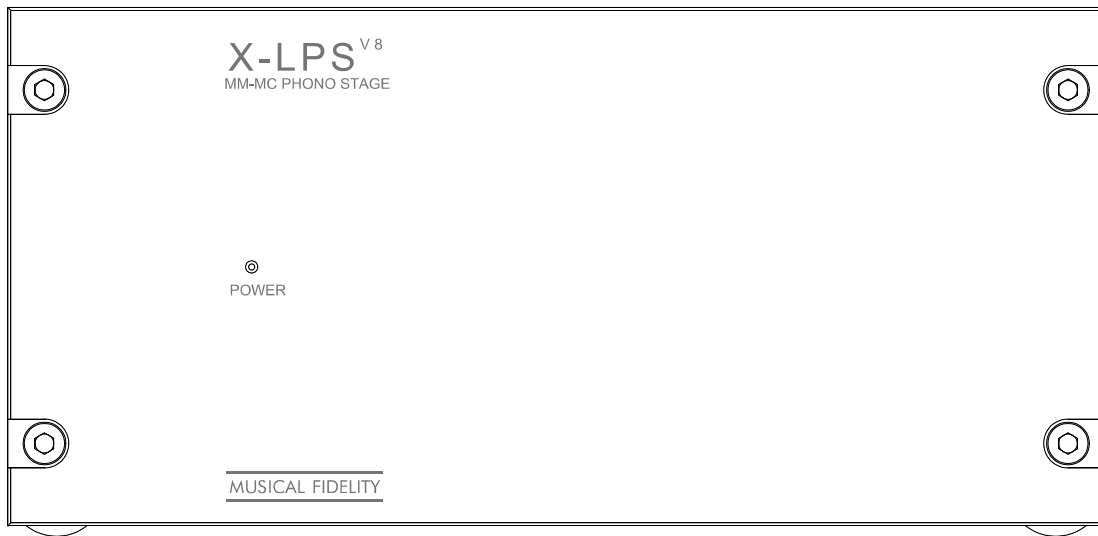


X-LPS^{V8}

X-SERIES MM/MC INPUT PHONO AMPLIFIER



INSTRUCTIONS FOR USE

Thank you for purchasing the Musical Fidelity X-LPS V8 phono amplifier

This amplifier features our top quality low noise, low distortion phono stage which very closely follows the RIAA equalisation curve for the optimum in sonic accuracy from vinyl sources. The XLPS V8 caters for both moving magnet and moving coil cartridges to allow maximum choice when selecting a cartridge.

The X-LPS V8 is a perfect answer to most phono amplifier requirements in a single, beautifully engineered package.

Used properly and carefully, it should give many years of outstanding musical reproduction.

Dust regularly with a soft duster or soft brush, but be careful when using cleaning or polishing agents - they may harm the surface finish.

*If you have any questions about your audio system,
Please consult your dealer who is there to help and advise.*

MUSICAL FIDELITY

PAGE	Section	
3	General advice	- Installation precautions - User information
4	Disposal information	EU disposal information
5	Installation	- Introduction - Cleaning - Installation - Audio connection
6	Facilities and connections	- Illustrations – Main unit front & rear panels
7	Amplifier operation	- Starting, Inputs, In use
8	Amplifier problems?	- Basic amplifier fault finding
9	Amplifier specifications	
10	Manual history	

INSTALLATION PRECAUTIONS & USER INFORMATION

This new X-LPS V8 is designed and built to provide trouble-free performance, but as with all electronic devices it is necessary to observe a few precautions:

Heed all warnings shown on the back of the product.

Only connect the X-LPS V8 power supply to a mains outlet having the same voltage as marked at the back of the power supply.

Always ensure that when disconnecting and reconnecting your audio equipment the mains supply is switched off.

Position the power lead and signal interconnects where they are not likely to be walked on or trapped by items placed on them.

Do not use near water, or place water-filled containers on the X-LPS V8, for example, a flower vase or potted plants. **If water does spill inside, immediately pull out the mains plug from the wall socket and inform your dealer, who should then check the unit before further use. Entry of liquid into the X-LPS V8 is dangerous, and may cause electric shock or fire hazard.**

Do not place the unit near direct heat sources such as radiators, direct sunlight or other equipment.

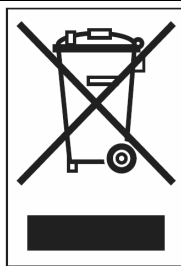
Do not remove any covers or try to gain access to the inside. There are no internal adjustments or fuses you can replace yourself. Refer all service work to an authorised Musical Fidelity agent.

Note: Unauthorised opening of the equipment will invalidate any warranty claim.

Dust regularly with a soft cloth or soft brush but be careful when using cleaning or polishing agents - they may harm the surface finish.

The electronics in modern hi-fi equipment is complex and may, therefore, be adversely affected or damaged by lightning. For protection of the audio system during electrical storms, remove the mains plugs and disconnect any aerial lead.

If after-sales service is required, to help the dealer identify the X-LPS V8 please quote the serial number located on the rear panel of the unit.

**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 local government office or 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 compartimiento 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 govenativo 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.

**HÄVITTÄMINEN**

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

**AFSKAFNING**

Logoet 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 ΔΙΑΓΕΓΡΑΜΜΕΝΟ ΤΡΟΧΗΛΑΤΟ ΚΑΔΟ ΑΠΟΡΡΙΜΑΤΩΝ ΣΤΗΝ ΠΙΣΩ ΟΨΗ ΤΟΥ ΜΗΧΑΝΗΜΑΤΟΣ

ΔΗΛΩΝΕΙ ΟΤΙ ΤΟ ΠΡΟΙΟΝ ΑΥΤΟ ΔΕΝ ΠΡΕΠΕΙ ΝΑ ΔΙΑΧΕΙΡΙΣΘΕΙ ΣΑΝ ΣΥΝΗΘΙΣΜΕΝΟ ΟΙΚΙΑΚΟ ΑΠΟΒΛΗΤΟ. ΠΡΟΣ ΑΠΟΦΥΓΗ ΕΝΔΕΧΟΜΕΝΗΣ ΕΠΙΒΑΡΥΝΣΗΣ ΤΟΥ ΠΕΡΙΒΑΛΛΟΝΤΟΣ, ΞΕΧΩΡΙΣΤΕ ΤΟ ΠΡΟΙΟΝ ΑΠΟ ΤΑ ΑΛΛΑ

ΑΠΟΡΡΙΜΑΤΑ ΩΣΤΕ ΝΑ ΕΞΑΣΦΑΛΙΣΘΕΙ Η ΑΝΑΚΥΚΛΩΣΗ ΤΟΥ ΜΕ ΤΟΝ ΠΡΕΠΟΝΤΑ ΤΡΟΠΟ.

ΠΑΡΑΚΑΛΟΥΜΕ ΝΑ ΕΠΙΚΟΙΝΩΝΗΣΕΤΕ ΜΕ ΤΗΝ ΤΟΠΙΚΗ ΥΠΗΡΕΣΙΑ ΑΝΑΚΥΚΛΩΣΗΣ Η ΜΕ ΤΟ ΚΑΤΑΣΤΗΜΑ ΑΓΟΡΑΣ ΓΙΑ ΠΕΡΙΣΣΟΤΕΡΕΣ ΛΕΠΤΟΜΕΡΕΙΕΣ.

INTRODUCTION

Congratulations on the purchase of the new X-LPS V8 phono preamp. Great attention has been paid to internal layout, isolating each circuit section to prevent possible interaction.

The unit features our highly refined low noise input amplifier circuit coupled with a low output impedance close tolerance RIAA stage to improve record delivery and dynamics. Two types of cartridge are catered for, moving magnet and moving coil, to allow full choice in selecting preferred cartridge type for the system.

The resultant performance achieved by this unit is among the best in the world. It has excellent signal to noise ratio, low distortion, wide bandwidth, huge dynamic range, extraordinary resolution and fine detail.

CLEANING

Before cleaning the unit, switch off power at the mains switch and remove the mains plug from the wall socket.

Clean the cabinet and remote control unit using a moist cloth. Using solvents, white spirit or thinners is not advised, as they could damage the surface finish.

INSTALLATION

Position the X-LPS V8 on a stable, horizontal surface where there is no risk of it being knocked, or subjected to vibration such as from loudspeakers.

The X-LPS V8 must be protected from humidity - if the unit is moved from a cold place to a warm room, leave the unit for an hour or so to allow sufficient time for the moisture to evaporate.

POWER CONNECTIONS

The X-LPS V8 requires a free mains socket for its power supply. The power supply then connects using its flying lead to the DIN 24V AC socket at the back of the unit. We advise that you use only the supplied X-series adaptor for this unit, or a suitable Musical Fidelity power supply.

AUDIO CONNECTIONS

Inputs: Connect turntable cartridge input to RCA MM or MC inputs as required.

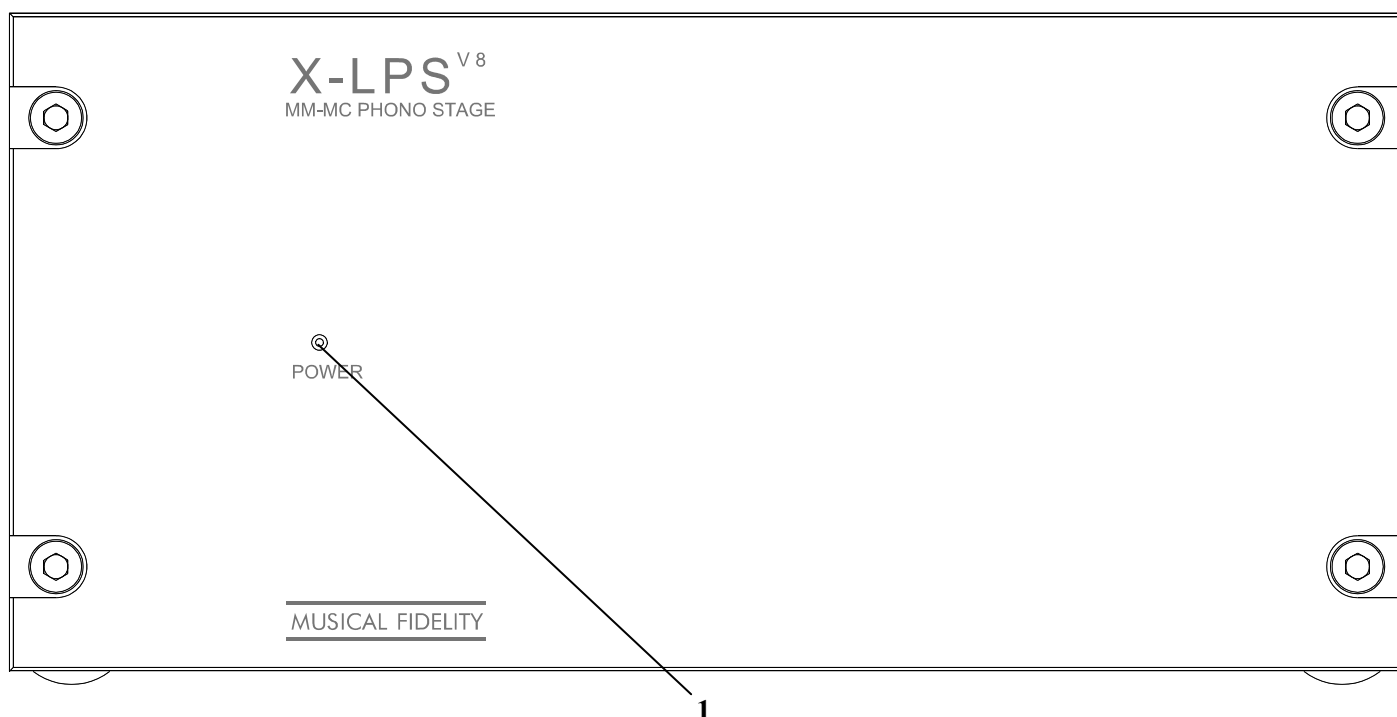
(see p.7 For more information). Use good quality fully connected (signal and ground) coaxial phono cables for all signal connections.

Grounding post: Connect turntable ground lead (if present) to green earthing post. The post accepts bare wire, spade connectors or 4mm banana plugs.

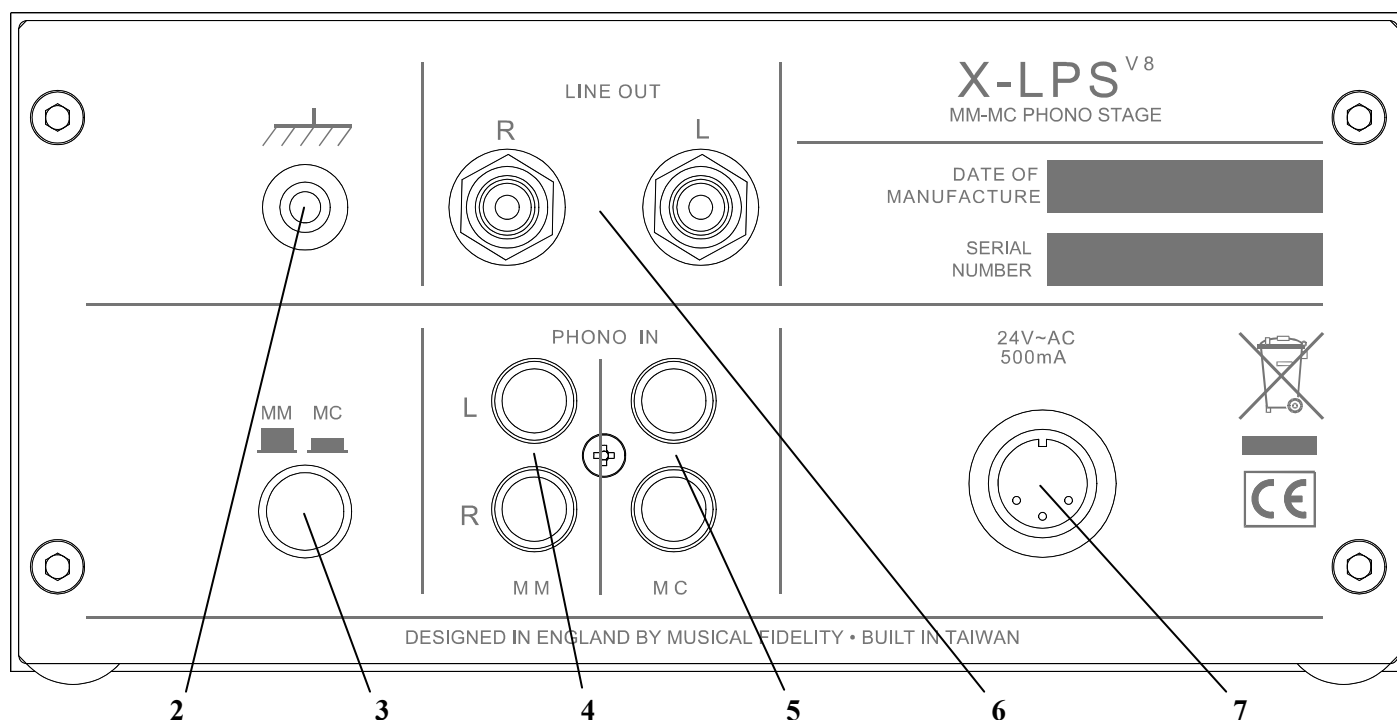
NB grounding apparatus in a system can sometimes aggravate rather than alleviate hum; some experimentation may be necessary to obtain ultimate noise levels. Remember especially with MC input, the X-LPS V8 is an extremely sensitive amplifier!

Outputs: Connect output sockets to a LINE level input e.g. AUX input on the amplifier/preamplifier.

The X-LPS V8 outputs provide a highly amplified LINE level signal and MUST NOT be connected to a PHONO input

UNIT FRONT PANEL

1. POWER LED

UNIT REAR PANEL

2. **EARTH** 4mm banana post
 3. **MM/MC** Switch
 4. **MM INPUT** RCA sockets

5. **MC INPUT** RCA sockets
 6. **OUTPUT** RCA sockets (line level)
 7. **POWER SUPPLY** Input din socket

STARTING

Once all connections are made, the power LED on the front panel will light, indicating unit is ready for use.

PHONO IN (MM)

To use the phono input connect MM cartridge to MM input. Press back panel switch to the MM position (out).

PHONO IN (MC)

To use the phono input connect MC cartridge to MC input. Press back panel switch to the MC position (in).

IN USE

The X-LPS V8 has been designed to be left on indefinitely, but please note the mains adaptor may become warm to the touch, this is normal.

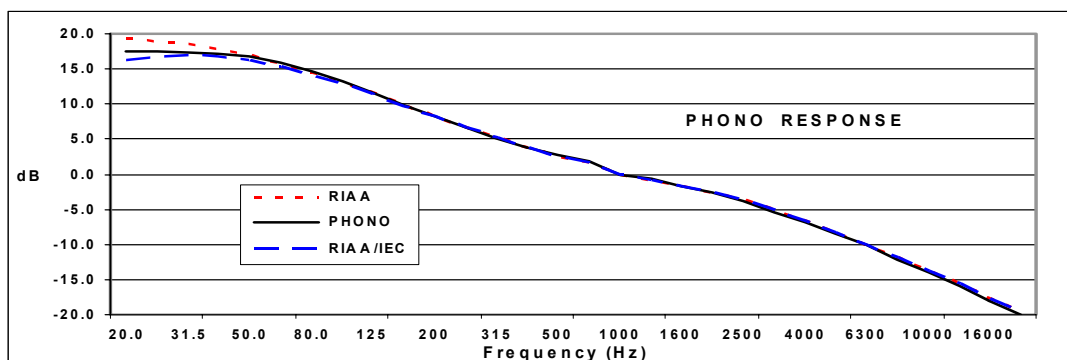
If switching the X-LPS on or off or changing the MM/MC switch, please ensure the volume is turned down on the following amplifier. This will avoid unwanted noises in the speaker due to the high sensitivity of the X-LPS V8.

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	Mains power supply is not fully inserted into mains socket Mains power supply lead is not fully inserted into rear socket	Plug in securely
No sound	Wrong connections between input sources and the unit Cartridge incorrectly wired	Check audio input lead connections Check cartridge wiring
Sound is not precise, lacking in bass and stereo image	Cartridge incorrectly wired Input connector plugs not fully pushed in Output connector plugs not fully pushed in	Double-check cartridge wiring using cartridge and turntable manuals/wiring diagrams. Check plugs are inserted fully and securely
Hum	Turntable not earthed and needs earthing Turntable already earthed and makes hum loop in system Audio connector plug not fully pushed in Cable Fault Unsuitable Cable (e.g. cable grounds not connected)	Check turntable earthing lead is connected to earthing post on XLPS V8 Disconnect Earthing lead from earthing post Insert plug securely Check cable is connected at both ends. N.B. some esoteric cables have internal wiring intentionally disconnected/modified. For best results on all inputs AND outputs, please use good quality screened coax; fully connected signal-to signal, screen-to-screen.
Plop Heard in speakers when switching on or off or changing MM/MC switch	High gain of XLPS V8 amplifying circuit transients.	Not a fault. Please ensure volume level on amplifier is turned down if switching the XLPS V8 on or off or changing cartridge type switch whilst connected.

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 X-LPS V8, as this will invalidate the guarantee.

MM input:	Input response:	RIAA/IEC combined, see graph
	Input sensitivity	3mV for 350mV out
	Input impedance	47K Ohms
	THD + N, 1KHz, 350mV out	<0.01% typical
	Overload margin	28dB
MC input:	Signal/noise ratio	>83dB 'A'-weighted
	Input response:	RIAA/IEC combined, see graph
	Input sensitivity	350μV for 350mV out
	Input impedance	100 Ohms
	THD + N, 1KHz, 350mV out	<0.01% typical
Output:	Overload margin	28dB
	Signal/noise ratio	>74dB 'A'-weighted
	Pre-out impedance	50 Ohms
	RIAA accuracy	±0.25 dB 20Hz to 20KHz



Nominal phono response

Connections:	Moving magnet input:	1 pairs MM level RCA connectors,
	Moving coil input:	1 pairs MC level RCA connectors,
	Line level outputs:	1 pair RCA line level fixed RIAA
	Earth post:	1 4mm banana plug/binding posts

Power requirement:	12-0-12V (24V total) AC at 500mA	Using mains adaptor (supplied)
--------------------	-------------------------------------	--------------------------------

Standard accessories:	Power Supply Unit	T48A-24-500-3	1 off
-----------------------	-------------------	---------------	-------

Dimensions:	Main unit		
	180 mm	7 inches	Wide
	88 mm	3 ½ inches	High including feet
	240 mm	9 ½ inches	Deep including terminals

Weight:	1.55 kg,	3 ½ lbs	Unboxed
	2.15 kg	4 ¾ lbs	Boxed unit including power supply and all accessories



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

RELEASE	DATE	CHANGES
Issue 1	30 th October 2007	
Issue 2	27 th August 2008	Typo errors in spec page.