

NU·VISTA

M³

SUPER INTEGRATED AMPLIFIER

INSTRUCTIONS FOR USE

Thank you for purchasing the Musical Fidelity Nu-Vista M³ super integrated amplifier with remote control.

The Nu-Vista M³ is based on the combination of the world famous Nu-Vista preamplifier and the legendary Nu-Vista NV300 power amplifier.

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

The Nu-Vista M³ operates in Class A/B which in our experience offers the ultimate in musical accuracy and pleasure.

For the best results Nu-Vista interconnects and loudspeaker cables should be used.

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

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

SAFETY INFORMATION

IMPORTANT!

This unit is supplied in the U.K. with a mains lead fitted with a moulded 13 amp plug. If, for any reason, you need to cut off this plug, please observe the following safety precautions. Please dispose of the cut-off plug safely. It must not be plugged into a mains power supply.

The wires in the mains lead supplied with this appliance are coloured in accordance with the following code:

Green and yellow.....Earth
Blue.....Neutral
Brown.....Live

WARNING - This appliance must be earthed

As the colours of the wires of the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured green-and-yellow must be connected to the terminal in the plug which is marked with the letter E or coloured green or green-and-yellow, or by the earth symbol.



The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

If connecting to a BS1363 plug, a 13 amp fuse must be used.

WARNING - Radio Frequency Interference (RFI)

This hi-fi product has been tested to ensure that its operation will not be adversely affected by normal background levels of RFI. It is possible that if this product is subjected to abnormally high levels of RFI the unit may be susceptible and not perform as expected. In the unlikely event of this happening on a regular basis, please contact Musical Fidelity's service department. The unit has also been tested to ensure that it does not radiate excessive levels of RFI that could affect other pieces of electronic or electrical equipment.

The electronics in modern hi-fi equipment is complex and hence may be damaged by lightning. It is possible that during electrical storms the operation of some equipment may be adversely affected. For complete protection of your hi-fi system during such storms, mains plugs and aerial leads should be disconnected.

Always ensure that when disconnecting and re-connecting your hi-fi equipment the mains supply is switched off.

GENERAL ADVICE

INSTALLATION PRECAUTIONS and USER INFORMATION

Your new Nu-Vista M³ 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 on the back of the unit.

Only connect the preamplifier to a mains outlet of the voltage marked on the back of the unit.

The Nu-Vista M³ will operate in accordance with its specifications as long as the environmental conditions are kept in the following ranges:-

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

Position the mains 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. The unit shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the unit.

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

Do not place the unit where it can be subjected to direct sun-light.

Do not remove any covers or try to gain access to the inside. The warranty is invalid if the unit has been tampered with. There are no user adjustments within. Refer all service work to an authorised Musical Fidelity agent.

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

There are fuses in the unit. In the unlikely event that one blows, take your unit to your audio dealer. Do NOT try to replace the fuse yourself or you will invalidate the warranty.

No naked flame sources, such as lighted candles, should be placed on the unit.

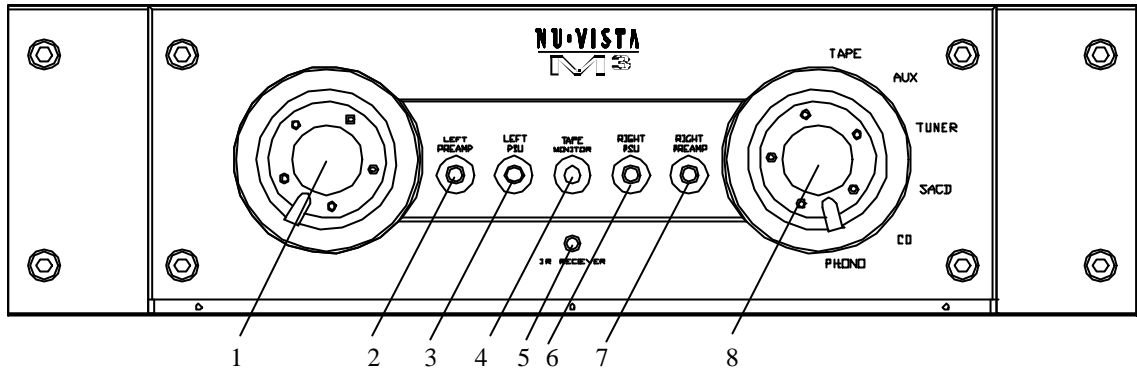
Keep out of reach of children.

For battery disposal, refer to the manufacturers instructions.

Important! Unauthorised opening of the equipment will invalidate any warranty claims.

Note: To help your dealer identify your amplifier if after-sales service is required, please quote the serial number located on the rear panel of the unit.

CONNECTIONS AND FACILITIES

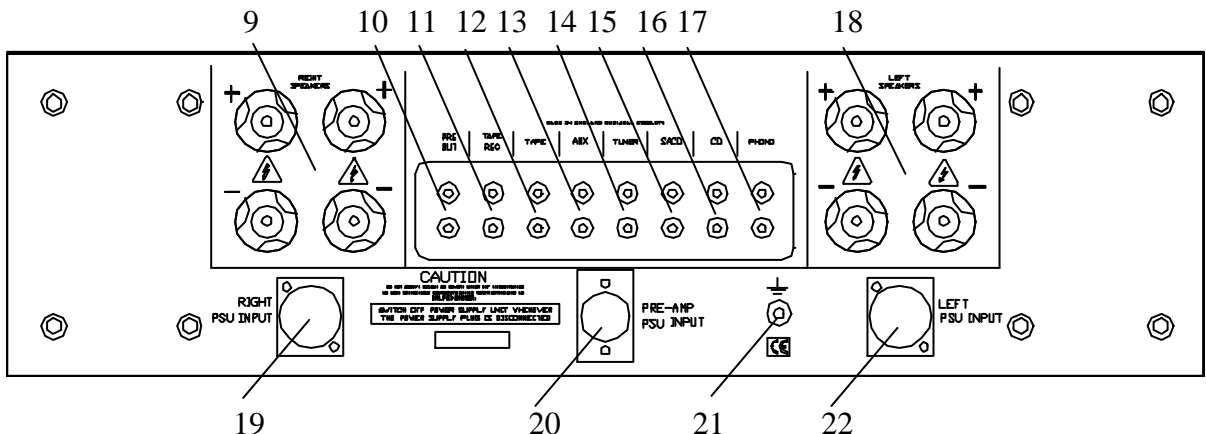


Nu-Vista M³ front panel layout

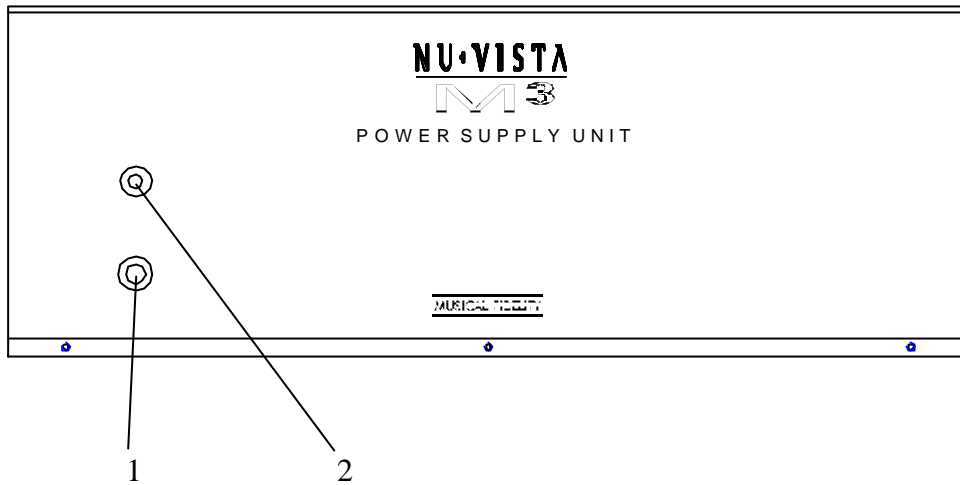
- 1 Volume control
- 2 Left Preamp power LED
- 3 Left PSU LED
- 4 Tape monitor button
- 5 Infra red receiver lens
- 6 Right PSU LED
- 7 Right Preamp power LED
- 8 Input select control

Nu-Vista M³ back panel layout

- 9 RIGHT speaker outputs
- 10 PREAMP output
- 11 TAPE RECORD output
- 12 TAPE input
- 13 AUX input
- 14 Tuner input
- 15 SACD input
- 16 CD input
- 17 Phono input
- 18 LEFT speaker outputs
- 19 Right power amp PSU input
- 20 Preamp PSU input
- 21 Phono earth terminal
- 22 Left power amp PSU input



CONNECTIONS AND FACILITIES

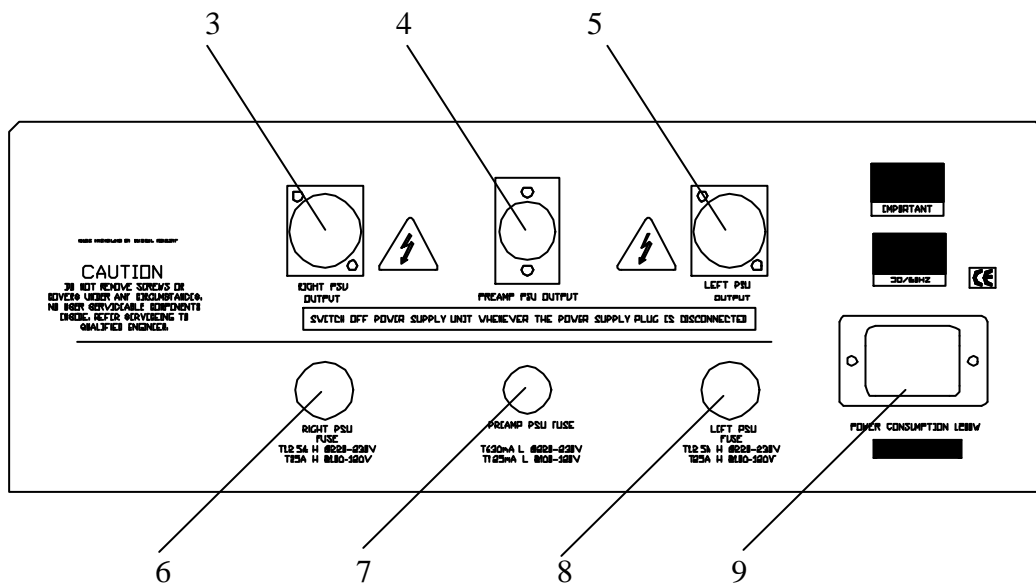


Nu-Vista M³ PSU front panel layout

- 1 Mains on/off switch
- 2 Power LED

Nu-Vista M³ PSU back panel layout

- 3 Right power amp PSU output
- 4 Preamp PSU output
- 5 Left power amp PSU output
- 6 Right power amp PSU fuse
- 7 Preamp PSU fuse
- 8 Left power amp PSU fuse
- 9 16A mains inlet



WARNING

THE NU-VISTA M³ IS A POWERFUL AMPLIFIER AND IS DESIGNED TO SUPPLY HIGH VOLTAGES AND HIGH CURRENTS THROUGH THE LOUD-SPEAKER TERMINALS. THEREFORE TO AVOID ANY POSSIBILITY OF AN ELECTRIC SHOCK DO NOT TOUCH THE SPEAKER TERMINALS WHEN THE UNIT IS BEING USED.

CONNECTIONS

All connections should be made with the power OFF, i.e. before the mains lead is plugged in and the unit switched on.

PSU to Amplifier Connections

The Nu-Vista M³ is supplied with 2 complete sets of power supply connecting leads.

One of the sets is 0.7M long the other 1.2M long. Choose the length that best suits your installation.

The two power amplifier PSU leads are identical.

- a) One of these leads connects the right PSU output to the right PSU input on the amplifier.
- b) The other one connects the left PSU output to the left PSU input on the amplifier.

Push the connectors into the sockets and twist until they click in to place.

- c) The third lead in each set is to connect the preamp PSU output to the preamp PSU input on the main amplifier. Push the

connectors into the sockets.

How to connect your Nu-Vista M³ for Normal Stereo use.

LINE LEVEL I/P CONNECTION

The Nu-Vista M³ has 5 line level inputs - CD, Tuner, Aux, SACD, and Tape. and 1 phono input which can be used for moving magnet (MM) cartridges.

All line level inputs are electrically identical and are suitable for use with any source component with an output voltage in the hundreds of millivolts (mV). This includes CD players, Super Audio CD players (SACD), tuners, tape machines and the audio outputs of video recorders, televisions, DVD and LaserDisc players etc.

Connect the Left and Right outputs from your line level sources to the line level inputs on the back panel.

For the best results we recommend that you use Musical Fidelity Nu-Vista interconnect cables for this connection.

PHONO CONNECTION

The Nu-Vista M³ has a phono input for turntables fitted with a moving magnet cartridge (MM).

Some turntable/pick-up arm combinations are fitted with an extra wire called a chassis earth, which should be connected to the gold terminal on the back of the amplifier.

SPEAKER CONNECTION

Connect your loudspeakers to the loudspeaker terminals situated on the back panel marked as Left and Right Loudspeaker Outputs. We recommend that you use Musical Fidelity Nu-Vista O.C.C speaker cables for this connection.

MAINS CONNECTION

Once these connections are made, plug in the 16A IEC type mains lead supplied with the unit.

BEFORE YOU SWITCH ON

You should make all connections to the Nu-Vista M³ before switching on.

Follow this routine before you listen for the first time, and each time you change any connections.

- 1 Check all the input and output connections to and from the Nu-Vista M³.
- 2 Then check again.
- 3 Turn the volume control to minimum.

SWITCHING ON

- 1 Now you can switch on the power using the mains switch situated on the front of the PSU. There are heavy duty relays in the PSU and when the unit is first turned on these will operate.
- 2 All 4 PSU LEDs should light on the amplifier's front panel.

If for any reason one of the LEDs does not light, switch the unit off and check the connecting leads between the PSU and the amplifier.

- 3 After approx. 20 seconds the Nuvistas will have heated up and the mute will switch off automatically.
- 4 You can now and carefully advance the volume to the level you want and enjoy the music.

REMOTE CONTROL

The Nu-Vista M³ features Infra Red remote control of volume, input selection and mute functions via the supplied remote control handset. The Infra Red receiver is the small red lens marked I.R.Receiver. situated on the front panel. It is important to ensure that when operating the remote control, the line-of-sight from the remote to the infra red receiver is not obstructed.

Pressing the volume up or down buttons on the remote handset will advance the motorised volume control in the desired direction.

Input selection can also be controlled with the remote handset.

Pressing the mute button on the remote handset mutes the output. Press the mute button again to switch the mute off.

PREAMP OUTPUT

The Nu-Vista M³ has a permanently active preamp output situated on the back panel. This provides extra flexibility for use in multi-room or surround-sound systems etc. This signal comes from the Nu-Vista M³'s internal preamp and its output level is thus controlled by the front panel volume control.

This output allows easy connection to an other power amplifier for bi-amping applications.

To bi-amp (which requires bi-wireable speakers) an extra amplifier/amplifiers is attached to this permanent preamp output.

The Nu-Vista M³'s built in power amps can then for instance drive the left and right channel bass units, whilst a pair of X-A200s (for example) drive the left and right channel tweeters

Passive bi-amping in this way can give noticeable gains in clarity, imaging and bass weight.

If you would like further details please contact your dealer or Musical Fidelity directly.

TAPE RECORDING

The Nu-Vista M³ has a single tape circuit with facilities for off-tape monitoring with 3-head cassette decks.

Connection of your tape machine to the Nu-Vista M³ should be as follows. The tape machine's Tape/Line outputs go to the Nu-Vista M³'s 'Tape' input sockets.

The tape machine's Tape/Line inputs go to the Nu-Vista M³'s 'Tape Record' output.

To record, simply select the required

source with the source selector button on the front panel. The selected source will now be sent to the 'Tape Record' output for recording by the attached tape machine.

You will also be able to hear the selected source through the loudspeakers.

Note - you can adjust the listening level with the volume control without affecting the recording level.

OFF TAPE MONITORING

In conjunction with a 3-head cassette deck, off-tape monitoring allows the user to compare the recorded to original sound whilst a recording is made. To do this, first select the required source in the normal way and start recording. The Tape Monitor button on the front panel can now be used to switch between the source signal and the recorded signal allowing direct comparison.

When the tape monitor button is in then tape monitor is selected.

Note that tape (the recorded signal) is selected when the button is in. On some 3-head cassette decks there is an additional 'tape/source' switch which will need to be in the 'tape' position for the above to work

If you are in any doubt consult your tape machine's manual.

TROUBLESHOOTING

Basic troubleshooting of an amplifier is similar to troubleshooting of any other electrical or electronic equipment. Always check the most obvious possible causes first. To give you a few ideas of what to look for, check the following:

<i>Problem</i>	<i>Probable Cause</i>	<i>Remedy</i>
No power when POWER is pressed	Mains plug not inserted correctly	<i>Plug in securely</i>
One or more LEDs does not light when power is pressed	PSU to Amplifier leads not connected correctly	<i>Check Connections</i>
No sound	Volume control is set to minimum	<i>Turn up the volume</i>
	Wrong input selected	<i>Select correct input</i>
	Mute is selected	<i>Press mute button on remote control</i>
	Unit has not yet come out of power-up mute	<i>Wait 15-20 seconds on power-up for unit to un-mute</i>
	Tape Monitor button is depressed	<i>Press Tape monitor button</i>
Remote control unit will not operate	POWER switch set to OFF	<i>Set switch to ON</i>
	Batteries not inserted in remote control unit	<i>Insert batteries</i>
	Batteries flat	<i>Change batteries</i>
	Remote control not pointed at IR receiver lens	<i>Ensure line of sight between remote control and IR receiver lens is not obstructed</i>
Range of remote control has dramatically reduced	Batteries running out	<i>Change batteries</i>

If none of these actions effect a cure, please contact your dealer, or an authorised Musical Fidelity service agent. Remember, never open the case of the Nu-Vista M³ yourself, as this will invalidate the guarantee.

NU·VISTA

M3

SUPER INTEGRATED AMPLIFIER

Power Output	250 watts per channel into 8 Ohms
THD (Typically)	< 0.007% at 1KHz < 0.003% at 1KHz ('A' weighted)
Frequency response (Typically)	20Hz - 60KHz +0.25 / -3dB
Inputs	1 phono 5 line level
Outputs	Speaker outputs, Tape out, Preamp out.
Input sensitivity (line inputs)	300mV (for full output)
Input sensitivity (MM input)	3.5mV (for full output)
Input impedance (line inputs)	100KOhm
Input impedance (MM input)	47KOhm
S/N Ratio (line inputs) (Typically)	102dB 'A' weighted
S/N Ratio (MM) (Typically)	83dB 'A' weighted
Power consumption	1200W
Power requirements	100/115/230V AC 50/60Hz (Factory preset)
Dimensions	Amplifier 482 x 145 x 470mm (W x H x D) Height includes feet, Depth includes terminals PSU 365 x 145 x 250mm (W x H x D) Height includes feet, Depth includes terminals
Weight (approx.)	Amplifier 23kg (un-boxed) PSU 16kg (un-boxed)



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