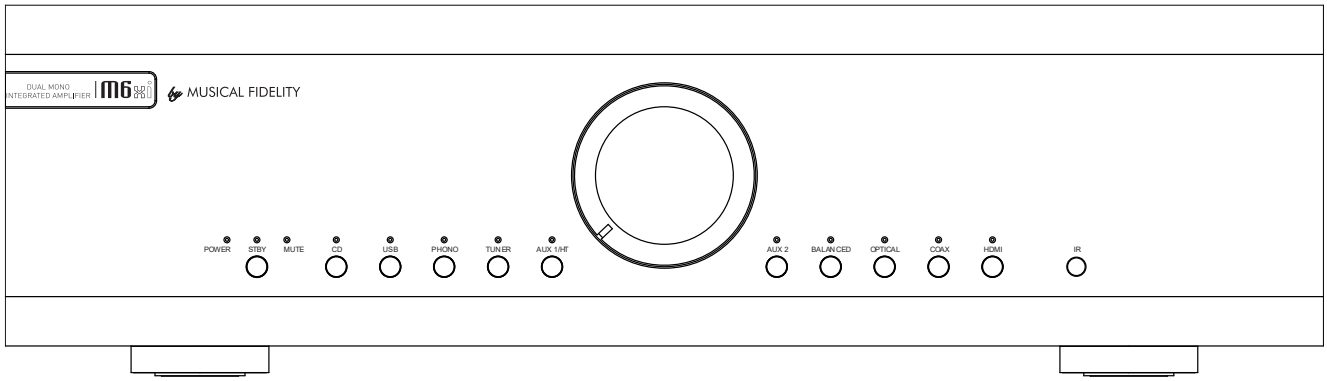
DUAL MONO
INTEGRATED AMPLIFIER

M6xi



Instructions for use

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SAFETY INFORMATION

IMPORTANT! (U.K. only)

This unit is supplied in the U.K. with mains lead fitted with a moulded 13 amp plug. If, for any reason, it is necessary to remove the plug, please remove the fuse holder and dispose of the plug safely, out of reach of children.

It must not be plugged into a mains outlet.

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 the 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:

ANY MODIFICATIONS TO THIS PRODUCT NOT EXPRESSLY APPROVED BY MUSICAL FIDELITY WHO IS THE PARTY RESPONSIBLE FOR STANDARDS COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THIS EQUIPMENT.

Installation, Precautions & User Information

This new M6xi 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 M6xi to a mains outlet having the same voltage as marked at the back of the unit.
- Always ensure that when disconnecting and reconnecting your audio equipment the mains supply is switched off.
- 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, or place water-filled containers on the M6xi, 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 M6xi 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.

If after-sales service is required, to help the dealer identify the M6xi please quote the serial number located on the rear panel of the unit.

INSTALLATION

Introduction
Congratulations on the purchase of the new M6xi integrated amplifier. Great attention has been paid to internal layout, isolating each circuit section to prevent possible interaction. The unit features a finely tuned and tweaked preamplifier, for smooth sound coupled with low noise and virtually no distortion.
The power amplifier consists of two top quality power amplifiers for the absolute best in separation and imaging. Generously rated, they are enough to drive even the most demanding loudspeakers with ease. Low distortion and very quiet they will deliver all music types exactly as the artist originally intended.
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 and dynamic range, with 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 M6xi on a stable, horizontal surface where there is no risk of it being knocked, or subjected to vibration such as from loudspeakers.

Important note:

In normal operation, the unit dissipates a small quantity of power at all times, and it is important that it is adequately ventilated. The top and bottom are perforated to allow the smooth flow of heat through the unit. It is therefore not recommended that the unit is enclosed in a cabinet or placed where the ventilation holes are impeded as this could result in excessive heat build-up.

The M6xi 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 M6xi is supplied with a standard IEC mains cable which plugs into the IEC socket at the back of the unit (see page 7). When plugged in and mains supply is present the orange STDBY LED will light.

Audio Connections
RCA Inputs: Connect all RCA single-ended sources to relevant analogue inputs (see page 6 for more information). Use good quality fully connected (signal and ground) coaxial phono cables for all RCA signal connections. Take particular care with PHONO input leads, ensure that they are very well shielded and kept away from mains and speaker leads.

XLR Balanced inputs: Connect source balanced outputs to M6xi balanced inputs using good quality XLR balanced leads. Recommended lead wiring is shown on P.6. Note some products simply connect “cold” input pin 3 to ground. This does no harm to unit, but may result in an audible reduction in signal level from this input and a slightly worse signal to noise ratio.

Phono/turntable earth connection

The green earthing post should only be connected if excessive hum is experienced when using a turntable. Connect the turntable earthing lead to this post if hum is noticed. If hum worsens when the earth post is thus connected, then disconnect immediately and investigate the cause elsewhere.
Note: some systems may have more than one direct earth point(s) already involved. This could cause hum problems that may only become manifest itself upon connecting this product. Thus the M6xi may not be the root cause of hum detected in a system, even if it is the only device that appears to be making the hum apparent.
There is no harm done if *no* connection is made to this terminal, as it is not always needed anyway, for example, some turntables have their own earthing arrangement.

USB inputs: Connect USB C cable between USB input and computer (laptop, desktop, tablet or any other suitable USB audio compatible “host”).

Speaker Outputs: Connect loudspeakers to the terminals on the back panel marked as **LEFT** and **RIGHT SPEAKER** outputs.

LINE output sockets allow loop through of analogue signals for example, to pass on to a recorder or monitor. It is also the ideal output to connect headphone amps into (headphone amplifier will require its own volume control to allow listening level adjustment). This output is the currently selected source but level is *not* changed by the front panel volume control.

PRE-OUT output sockets allow analogue signals controlled by the volume, to pass on to, for example, an external power amplifier. This is useful for bi-amping or active “subwoofer” connection where volume out needs to be controlled by the M6xi front panel volume knob.

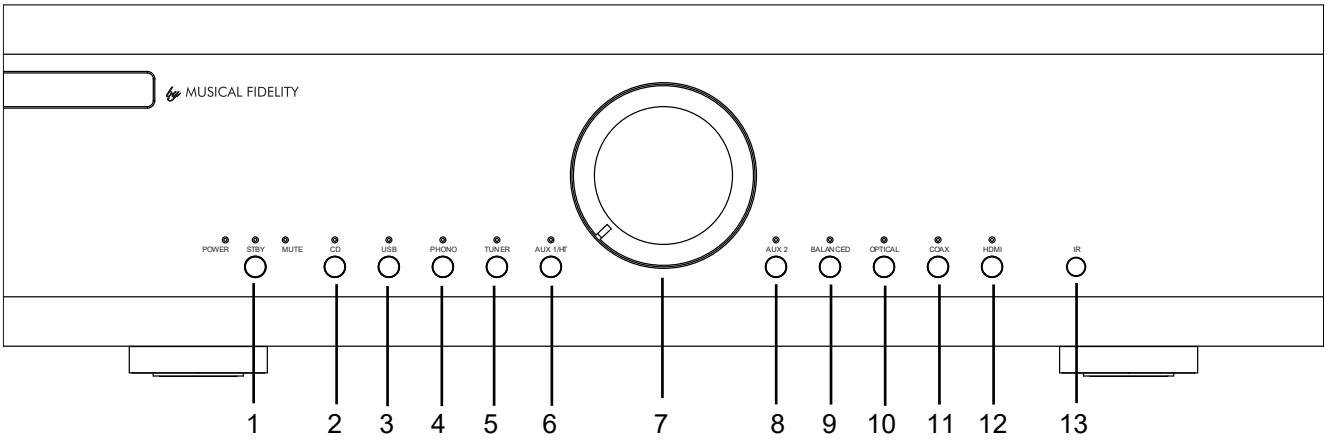
COAXIAL input: Connect RCA digital source to digital input RCA socket. Use a good quality fully connected (signal and ground) coaxial digital cable, for optimum signal transfer.

OPTICAL input: Connect optical digital source to optical input socket. Use a good quality “Toslink” cable, for optimum signal transfer.

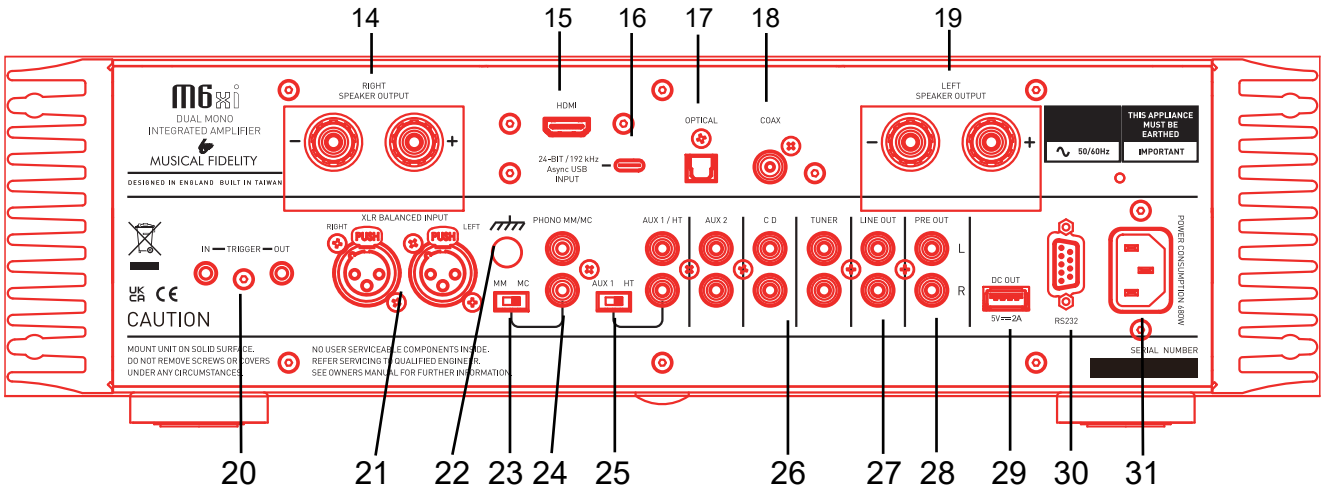
HDMI input: Connect a TV. Use a good quality HDMI cable for optimum signal transfer.

USB A power output: The M6xi can power many modern streamers and DACs with 5V USB power input. Connect a USB “A” cable between the USB 5V/2A DC power output and the power input of source devices with 5V USB power input devices.

RS232: Allows you to control the unit via RS232 protocol, enabling complex custom installation options.

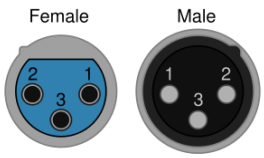


1 **ON/OFF** Button
2 **CD** input selector button and LED
3 **USB** input selector button and LED
4 **PHONO** input selector button and LED
5 **TUNER** input selector button and LED
6 **AUX1/HT** input selector button and LED
7 **VOLUME** control
8 **AUX2** input selector button and LED
9 **BALANCED** input selector button and LED
10 **OPTICAL** input selector button and LED
11 **COAX** input selector button and LED
12 **HDMI** input selector button and LED
13 **IR RECEIVER** lens



14 **LOUDSPEAKER OUTPUTS** right
15 **HDMI ARC** digital input socket
16 **USB** (type ‘C’) digital input socket
17 **OPTICAL** digital input socket
18 **COAX** digital input socket
19 **LOUDSPEAKER OUTPUTS** left
20 **TRIGGER IN/OUT** 3.5mm mono jack socket
21 **XLR BALANCED** inputs left and right
22 **4MM BANANA POST** for turntable grounding
23 **MM/MC** cartridge selector switch
24 **PHONO MM/MC** turntable cartridge input RCA sockets
25 **HT/AUX** function selector for **AUX1/HT** input
26 **AUX1/HT, AUX2, CD, TUNER** line level input RCA sockets
27 **LINE OUT** (fixed) output RCA sockets
28 **PRE OUT** (volume controlled) output RCA sockets
29 **DC 5V/2A** USB A power output
30 **RS232** socket
31 **IEC MAINS INPUT**

XLR Balanced input and output lead connections:



(for reference, no XLR signal leads supplied)

Pin functions:

1	Ground (cable shield)
2	Normal polarity ("hot" or “+”)
3	Inverted polarity ("cold" or “-“)

REMOTE CONTROL HANDSET

The universal remote control shown below enables functions from this and related units to be operated from a convenient distance.

Equivalent buttons on the remote control have the same functions as those on the front panel of the unit.
As the handset uses an invisible infra-red light beam, the front edge must be pointed directly towards the receiver window at the front of the player, without visual obstruction between them.
If the range of the remote control greatly decreases, replace the batteries with new ones. Do not mix old and new batteries – two are required, size AAA, LR03 or SUM-4. (batteries not included)

Please dispose of used batteries in accordance to local regulations.

CD player section (Grey buttons)

DISPLAY – dims display

CHECK – check pre-programmed tracks

REPEAT – repeats whole disk or selected tracks

PROGRAM – programs selection and order of tracks

I◄◄ – previous track, rewind

STOP – Stop playing/Eject CD

CD INP < > - selects CD player inputs

Amplifier section (Blue buttons)

AMP INPUT – selects amplifier inputs

AMP MUTE – mutes/unmutes amplifier

DAC section (Black buttons)

DAC INPUT < > - selects DAC inputs

DAC FILTER – selects filters

MUTE DAC – mutes/unmutes DAC



TIME – displays track time/time remaining

0-9 Buttons – Used to select track numbers

CLEAR – clears selected pre programmed track

SHUFFLE – plays back tracks in random order

A/B – sets repeat start/end to repeat section of track

II/► – pause/play button

►►I – next track, fast forward

CD ON/OFF – turns CD players ON/OFF*not supported on all models

AMP ON/OFF – turns amplifier ON/OFF

VOLUME +/- – increases/decreases amplifier volume

DAC VOLUME -/+ - decreases/increases DAC volume
DAC UPSAMP – enables/disables upsampling

DAC ON/OFF – turns DAC ON/OFF

Starting
Once all connections are made, turn volume to minimum, and switch on the unit, using the **POWER** button front of the unit. The **MUTE** LED will light. Speaker outputs are muted for about 6 seconds, so no sound will be heard from the speakers. Once 6 seconds is up, the **MUTE** LED goes out, indicating unit is settled, and ready for use.

Volume
The volume should be adjusted for normal listening levels. This is done by turning the volume up/down knob on the front panel.
Adjusting the volume can also be achieved by pressing the volume up/down buttons on the remote control handset.
IMPORTANT NOTE: *To avoid overpowering your amplifier or connected speakers please reduce the volume (potentiometer position 9 o'clock) before switching inputs.*

Mute (Remote Control only)
The sound from the speakers may be muted by use of the **MUTE** button on the remote.
Press once, and **MUTE** LED will light indicating muted state. No sound will be heard from the speakers.
To return to listening; simply press the **MUTE** button again so **MUTE** LED is no longer lit.

CD
To use the **CD** input, connect CD player outputs to the **CD** input RCA sockets.
Select **CD** input by pressing the **CD** button so **CD** LED lights.
Pressing the Amp input select button on the remote handset allows you to switch to that input as well.

USB
To use the **USB** input, connect computer USB port to the **USB** input type "C" socket. Select **USB** input by pressing the **USB** button so **USB** LED lights.
Pressing the Amp input select button on the remote handset allows you to switch to that input as well. See next page (USB) for further information.

PHONO
To use the **PHONO** input, connect turntable cartridge outputs to the **PHONO** input RCA sockets.
Make sure **MM/MC** cartridge switch is adjusted to suit cartridge type being used.
Select **PHONO** input by pressing the **PHONO** button so **PHONO** LED lights.
Pressing the Amp input select button on the remote handset allows you to switch to that input as well.

IMPORTANT NOTE: *Phono playback is lower in volume (when compared to the other inputs). Due to the needs of MM and MC cartridges, it is better to not use too much gain to optimize noise and distortion performance.*

TUNER
To use the tuner input, connect tuner outputs to the **TUNER** input RCA sockets.
Select **TUNER** input by pressing the **TUNER** button so **TUNER** LED lights.
Pressing the Amp input select button on the remote handset allows you to switch to that input as well.

AUX1/HT
To use the **AUX1/HT** input as a standard input, move the **AUX/HT** switch on the back panel to the **AUX** position.
Connect source outputs to the **AUX1** input RCA sockets.
Select **AUX1/HT** input by pressing the **AUX1/HT** button so **AUX1/HT** LED lights.
Pressing the Amp input select button on the remote handset allows you to switch to that input as well.

To use the **AUX1/HT** input as a Home Theatre input, move the **AUX/HT** switch to the **HT** position. This input is now unaffected by the volume control, allowing volume control on an external Home Theatre processor to be used directly. Connect home theatre or other source outputs to the **AUX1/HT** input RCA sockets. Select **AUX1/HT** input by pressing the **AUX1/HT** button on front panel or remote, so **AUX1/HT** LED lights.

IMPORTANT: Take great care when using the input in HT mode. Ensure that the volume control is turned right down on the ***HT processor*** *when first setting up. The HT mode is designed for sources which require their own volume control to be used. Connecting sources in HT mode with no volume control could result in damage to hearing and/or speakers due to uncontrolled loud sounds.*

AUX2
To use the **AUX2** input, connect source outputs to the **AUX2** input RCA sockets.
Select **AUX2** input by pressing the **AUX2** button so **AUX2** LED lights.
Pressing the Amp input select button on the remote handset allows you to switch to that input as well.

BALANCED
To use the **BALANCED** input, connect source balanced outputs to the **BALANCED** input XLR sockets.

Select **BALANCED** input by pressing the **BALANCED** button so **BALANCED** LED lights.
Pressing the Amp input select button on the remote handset allows you to switch to that input as well.

COAXIAL
To use the digital **COAXIAL** input, connect an external source to the **COAXIAL** input.
Select **COAXIAL** input by pressing the **COAXIAL** button so the corresponding LED lights.
Pressing the Amp input select button on the remote handset allows you to switch to that input as well. This input can accept up to 24 bit 192 kHz PCM stereo data streams.

OPTICAL
To use the digital **OPTICAL** input, connect an external source to the **OPTICAL** input.
Select **OPTICAL** input by pressing the **OPTICAL** button so corresponding LED lights.
Pressing the Amp input select button on the remote handset allows you to switch to that input as well. This input can accept up to 24 bit 192 kHz PCM stereo data streams.

HDMI ARC
To use the digital **HDMI** input, connect a TV to the **HDMI ARC** input.
Select **HDMI ARC** input by pressing the **HDMI** button so the corresponding LED lights.
Pressing the Amp input select button on the remote handset allows you to switch to that input as well. This input can accept up to 24 bit 192 kHz PCM stereo data streams.

Note: Many TVs will automatically choose correct HDMI settings, when the M6xi is first connected. Some TVs do not (this depends on their firmware and is beyond our hand), in those cases please ensure to set the HDMI audio output of the TV to "Stereo PCM". If the TV's HDMI ARC function is not enabled, the MUTE LED will light up if you select the HDMI input, indicating that the TV's HDMI ARC is not enabled. Please check your eARC settings menu on your TV, try different options, should the M6xi not be recognized by the TV or you have no audio output.

USB

Computer settings for USB
A good quality USB A to C or C to C cable is required to connect the unit to the computer.
Plug the C end into the socket in the back of the unit, and the A or C end into a free USB socket on the computer.
The computer should now detect the new hardware and install a generic driver automatically.
CD, MP3, WAV, AAC, FLAC, and all other audio file types played on any software should now play through the unit. This device has been designed and tested to work with:

PC Windows 11
Apple Macintosh OS X
Linux based machines.

and may work with others where a generic USB audio driver is available.

PC users-
Check the computer has picked up the device and is currently using it by clicking: (most Windows versions)
- Start
- Settings
- Control panel
- Sounds and Multimedia
- Audio

Check that the M6xi appears under PREFERRED AUDIO DEVICE tab
Use the mixer to select the source or adjust levels if required.

Mac users-
Check the computer has picked up the device and is currently using it by clicking: (MAC OS X)
- System preferences
- Hardware
- Sound

Check that the M6xi is selected under the OUTPUT tab.
If the computer's warning sounds/chimes are to played through the unit, make sure it is selected under the SOUND EFFECTS tab too.
Note: USB may also be selected as an output in some individual programs.

USB

Please note: In all cases the USB Audio "driver" software is supplied with the *operating system*, and Musical Fidelity do not have, nor issue, any drivers or updates.
For latest driver releases please ensure the *operating system* is kept up-to-date.

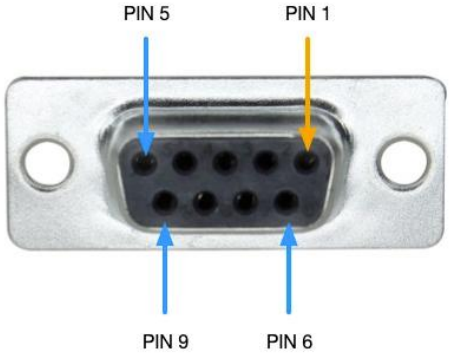
For best results from USB input
Make sure volume knob on amplifier is turned to usual/comfortable listening position (e.g. with pointer at 8 to 9 o'clock position)*.
Select USB input on front panel of amplifier.
Play a piece of recorded music from the computer on preferred media player e.g. Windows Media Player or iTunes.
Check mixer and/or computer volume slider settings are set to a suitable level. Normally "full" or "maximum" setting of the slider gives the best results. Lower settings can detract from overall signal resolution due to computer's internal media player/ mixer attenuation action.

* This volume position will vary considerably from setup to setup, due to varying speaker sensitivities and personal listening habits.

Please note: This device is a high speed serial data processor, and by its nature, requires a very high volume of USB band width. It will benefit greatly from being the only device connected on its USB 'bus'. Sharing the same bus with other devices may cause unwanted artifacts such as dropouts or temporary loss of signal. This especially includes the use of the unit on a USB hub/splitter alongside other USB components

RS232 Protocol

1) **Connector:** Standard DB9



2) **Pin Layout:** PIN2 TX / PIN3 RX / PIN5 GND
3) **Data format:**

BAUD Rate: 9600 bps
Start: 1 bit
Data: 8 bit
Parity: 0 bit (= N, no parity)
Stop: 1 bit
Handshaking: none

4) **Command Format:**

All data consists of ASCII characters.
Example: 00PON!

ID	Command	Terminating Character
00	PON	!

Note:

- do not include any spaces in the command
- do not include a carriage return or line feed after the command, only the “!” terminating character
- M6XI/M5XI/M3XI responses are terminated with “$”
- Request commands are terminated with “?”
- Standard factory set ID is always 00
- ID can set by user, if multiple M6xi/M5xi/M3xi amplifiers are used at the same time, it is necessary to use multiple RS232 ports for control, and it is not possible to control all M6XI/M5XI/M3XI amplifiers simultaneously. However, it is feasible to assign different IDs for each amplifier with dedicated RS232 ports.
- IDC command only uses ID 99 for reset ID to 00.

5) **ID Assignment**

IDs can be assigned to individual M6xi/M5xi/M3xi amplifiers to enable independent control. The default factory-set ID is 00. If you need to turn them on and off independently, you will need to use the same number of RS232 ports as the amplifiers, and simply include this ID at the beginning of your command.
Example: 00PON!
Command for assigning IDs:

New ID to be assigned	Command	Terminating Character
00 - 98	IDS	!

Example: 06IDS!

Sets connected M6xi/M5xi/M3xi to ID 06.
Note:

- For assigning IDs only one M6xi/M5xi/M3xi must be connected via RS232 at a time.
- Disconnect all other M6xi/M5xi/M3xi, except for the one you want to set the ID.
- This command will only work for units that have the factory default 00 ID set.

Command for clearing and resetting IDs to 00:

This command does only ID 99	Command	Terminating Character
99	IDC	!

Example: 99IDC!
Note:

- IDC clears all unit's IDs independent of the set ID and resets their IDs to 00.

6) Request Commands

Request commands are terminated with "?" and the response always includes the ID of the unit.
Example: 00PWR?
Response:

- 00PON$ if powered ON
- 00POF$ if powered OFF

Command for requesting ID:

This command does only ID 99	Command	Terminating Character
99	IDS	?

Example: 99IDS?
Note:

- Requests IDs of all connected M6xi/M5xi/M3xi

7) Commands List

Command	Description	Unit Response (## = Assigned ID 00-98)
PON!	Power ON	##PON$
POF!	Power OFF (= Standby)	##POF$ (note 1)
MON!	Sets Mute to ON (= mutes unit)	##MON$
MOF!	Sets Mute to OFF (= unmutes unit)	##MOF$
VOU!	Volume Up	##VUF$
VOD!	Volume Down	##VDF$
IN1!	Selects input CD	##IN1$
IN2!	Selects input USB	##IN2$
IN3!	Selects input Phono	##IN3$
IN4!	Selects input Tuner	##IN4$

IN5!	Selects input AUX 1/HT	##IN5$
IN6!	Selects input BT	##IN6$
IN7!	Selects input OPTICAL	##IN7$
IN8!	Selects input COAXIAL	##IN8$
IN9!	Selects input HDMI	##IN9$
INA!	Selects input AUX 2	##INA$
INB!	Selects input BALANCE	##INB$
IDS!	Set ID	**IDS$ (** = Set ID 00-98)
IDC!	Clear ID	00IDC$
PWR?	Request Power Status	##PON$ or ##POF$
INP?	Request currently selected input	##IN*$ (* = 1 - 9 or A or B)
MUT?	Request Mute Status	##MON$ or ##MOF$
IDS?	Request ID	##IDS$

Note:
1.If M6xi/M5xi/M3xi receives any command when the power off, it will respond with POF$ except PON!.

PROBLEMS?

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 when **POWER** button is pressed.	Mains power plug is not fully inserted into rear socket.	Plug in securely.
No sound	Mute function is still active.	Press the **MUTE** button on the remote control to cancel.
	Wrong connections between input sources and the unit	Check audio input lead connections.
	Speakers not connected, or incorrectly wired	Check speaker cables.
Sound cut	Loose connection	Check speaker and input connections.
	Output overload or short circuit	Switch unit off. Check speaker connections for shorting strands or wires. When all has been double-checked reduce volume and switch unit back on.
		N.B. Take great care when bi-wiring or bi-amping that speaker bass and treble linking straps are removed; see speaker manual for more information.
Sound is not precise, lacking in bass and stereo image.	Speakers are connected out of phase, i.e., connections to one speaker (+ and –) are reversed.	Ensure speakers are connected with same polarity at amplifier ***and*** speaker ends.
Hum.	Audio connector plug not fully pushed in	Insert plug securely.
	Cable Fault	Check cable is connected at both ends.
	Unsuitable cable (e.g. cable grounds not connected)	N.B. Some esoteric cables have internal wiring intentionally disconnected/modified. For best results on all inputs analogue AND digital, please use good quality screened coax; signal ***and*** screens both separately connected at both ends.
No audio output, or too low level output.	Incorrect or missing connections	Check connections and make sure they are secure.
Turntable/phono hum excessive	Turntable not earthed or needs earthing	Check turntable earthing lead is connected to earthing post on M6xi.
	Turntable already earthed and earthing further creates hum loop in system	Disconnect earthing lead from earthing post.
	Earth loops already in system	Investigate for earth loops elsewhere in system.
		Insert plug securely
	Audio connector plug not fully pushed in	Check cable is connected at both ends.
	Cable fault	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.
	Unsuitable Cable (e.g. cable grounds not connected)	
No sound - USB	USB device not working	Check USB input lead is securely connected.
	USB cable unplugged or not securely fitted	See "USB" to check computer has recognised and is using M6xi for playback.
	Mixer volume turned down	Check volume control on computer is turned up. See note about "For best results from USB input"
Remote control does not work.	Amplifier's **POWER** off.	Switch on.
	One or more batteries fitted the wrong way round.	Insert batteries correctly.
	Batteries are flat.	Change batteries for a new set.
	Remote control is not pointed directly towards the front panel of the amplifier.	Ensure there is no obstruction between the remote control and amplifier front.
	Interference from another source.	Lighting such as fluorescent, incandescent, or even sunlight contains large amounts of infra red radiation. Ensure such sources are not shining directly on the infra red window as this could swamp the signal from the remote control.
		Also check the system and any other nearby remotes for stuck buttons.
Remote control range has greatly reduced	Batteries are running out	Change batteries for a new set.

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 M6xi, as this will invalidate the guarantee.

SPECIFICATIONS

Output (both channels driven)
Power ratings are measured at a stabilized mains voltage of 240 V. Actual values may vary depending on real-world mains conditions, which can fluctuate within a ±10% tolerance.

Continuous power, @ 1% THD: (1kHz)	220W per channel into 8 Ohms; 320W per channel into 4 Ohms
Continuous power, @ 0,09% THD: (20Hz - 20kHz)	210W per channel into 8 Ohms; 300W per channel into 4 Ohms
Peak power, @ 1% THD: (1kHz)	280W per channel into 8 Ohms; 450W per channel into 4 Ohms
Voltage	43 Volts RMS, 20Hz to 20 kHz; onset of clipping 121 Volts peak to peak
Current	45 Amps peak to peak
Damping factor	49 (8 Ohms)
Output devices	2 pairs per channel

Line input

THD+N	< 0.007 % typical, 20Hz to 20 kHz
Signal / noise ratio	> 107dB 'A'-weighted
Input impedance	40k Ohms
Frequency response	+ 0, –0.1dB, 10Hz to 20 kHz

Phono input

Sensitivity MM/MC	3mV MM / 0.4mV MC (for 300mV nominal)
Gain MM/MC	40dB MM / 60dB MC
Signal / noise ratio	> 87dB 'A'-weighted
Input impedance MM/MC	50k Ohms MM / 1k Ohm MC
Input capacitance MM	220pF
Frequency response	RIAA/IEC ±0.4dB (20Hz-20kHz)

Connections

USB input	Type "C" socket up to 24bit 192kHz asynchronous USB stereo audio stream
HDMI input	HDMI socket up to 24bit 192kHz stereo audio stream
Phono inputs	1 pair Phono MM/MC inputs
Phono grounding post	4mm banana post to chassis earth
Line level inputs	4 pairs line level RCA connectors 1 pair line level balanced XLR connectors
Line level outputs	1 pair line level RCA connectors, constant level LINE outputs 1 pair line level RCA connectors, PREAMP outputs for e.g. biamping
Speaker outputs	2 pairs 4mm banana plug/binding posts

Power requirement

Mains voltages	115/230VAC 50/60Hz (factory pre-set) 100VAC 50/60Hz (alternative)
Consumption	<0.5W in standby mode 47W on, idle 680 Watts maximum

Weight

Unit only, unboxed	18.5 kg
in shipping carton	22 kg

Dimensions

Wide	440 mm
High, including feet	125 mm
Deep (front to back) including terminals	400 mm

Standard accessories

IEC type mains lead	10-Amp type
Remote control	Mx series
Batteries	LR03 or AAA, manganese alkaline type 2 off

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

CE

MANUAL HISTORY
ITEM DISPOSAL INFORMATION

RELEASE	DATE	CHANGES
M6xi manual issue 4	4th November 2026	4th issue; minor corrections

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 reciclarse como basura normal de la casa. Para prevenir daños posible al ambiente separe por favor el producto de otra 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
Yliruksattua 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 kestävällä 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.

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