



DMA 200 Mixer Amplifier with MP3 Player

User Manual



Order code: AMP60

WARNING

FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY BEFORE YOUR INITIAL START-UP!

- Before your initial start-up, please make sure that there is no damage caused during transportation.
- Should there be any damage, consult your dealer and do not use the equipment.
- To maintain the equipment in good working condition and to ensure safe operation, it is necessary for the user to follow the safety instructions and warning notes written in this manual.
- Please note that damages caused by user modifications to this equipment are not subject to warranty.



IMPORTANT:

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorised modification to the equipment.

- Never let the power cable come into contact with other cables. Handle the power cable and all mains voltage connections with particular caution!
- Never remove warning or informative labels from the unit.
- Do not open the equipment and do not modify the unit.
- Do not connect this equipment to a dimmer pack.
- Do not switch the equipment on and off in short intervals, as this will reduce the system's life.
- Only use the equipment indoors.
- Do not expose to flammable sources, liquids or gases.
- Always disconnect the power from the mains when equipment is not in use or before cleaning! Only handle the power-cable by the plug. Never pull out the plug by pulling the power-cable.
- Make sure that the available mains supply voltage is between 110~240V AC, 50/60Hz.
- Make sure that the power cable is never crimped or damaged. Check the equipment and the power cable periodically.
- If the equipment is dropped or damaged, disconnect the mains power supply immediately and have a qualified engineer inspect the equipment before operating again.
- If the equipment has been exposed to drastic temperature fluctuation (e.g. after transportation), do not connect power or switch it on immediately. The arising condensation might damage the equipment. Leave the equipment switched off until it has reached room temperature.
- If your product fails to function correctly, stop use immediately. Pack the unit securely (preferably in the original packing material), and return it to your Pro Light dealer for service.
- Only use fuses of same type and rating.
- Repairs, servicing and power connection must only be carried out by a qualified technician. THIS UNIT CONTAINS NO USER SERVICEABLE PARTS.
- This fixture is for professional use only - it is not designed for or suitable for household use. The product must be installed by a qualified technician in accordance with local territory regulations. The safety of the installation is the responsibility of the installer. The fixture presents risks of severe injury or death due to fire hazards, electric shock and falls.
- **WARRANTY:** One year from date of purchase.

OPERATING DETERMINATIONS

If this equipment is operated in any other way, than those described in this manual, the product may suffer damage and the warranty becomes void. Incorrect operation may lead to danger e.g: short-circuit, burns and electric shocks etc.

In case of malfunction this unit should be returned for service or inspection.

Do not endanger your own safety and the safety of others!

Incorrect installation or use can cause serious damage to people and/or property.

DMA 200 Mixer Amplifier with MP3 Player

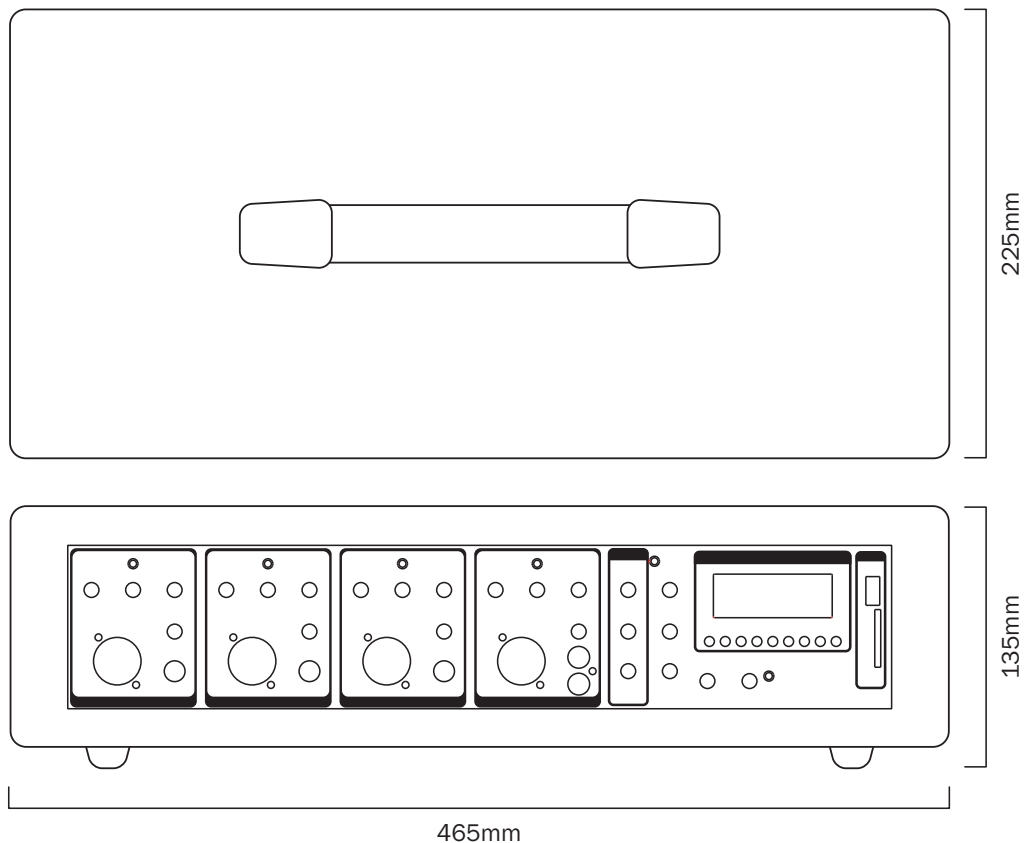
The DMA 200 is a 4 channel 2 x 100W mixer amplifier with a built in media player for playback of MP3 audio files from the SD/USB card slots. When coupled with a pair of speakers, the DMA will be ideal for rehearsal rooms, small to medium live music gigs, small school halls or presentations.

- 4 input channels plus onboard MP3 player (SD and USB)
- 2 band EQ on each input channel
- 3 band EQ on main output
- MP3/CD line input on rear
- 1/4" jack line input and output on rear
- Function buttons with LCD display
- IEC power input
- Rugged housing with protective corners and carry handle
- Fan cooled



Specifications	DMA 200
Continuous power (RMS)	2 x 75W
Peak power	2 x 100W
Frequency range (-3dB)	20Hz - 20kHz
Connectors	Inputs: 4 x balanced XLR microphone inputs, 3 x unbalanced 1/4" jack inputs, phono input, CD/MP3 input Outputs: Record output, 2 x 1/4" jack speaker outputs (4Ω) 1/4" jack input/output on rear (this disables speaker output)
Power supply	120~240V, 50/60Hz
Fuse	T1.6A 250V
Dimensions (H x W x D)	135 x 465 x 225mm
Weight	7.3kg
Order code	AMP60

In the box:
1 x mixer amplifier,
1 x power cable
& 1 x user manual

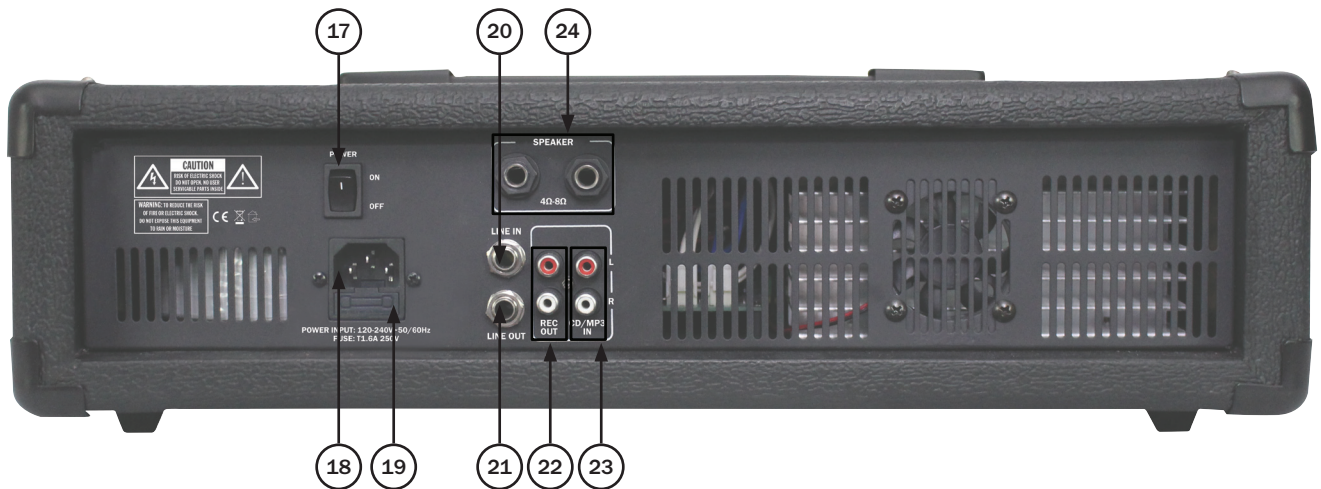


Front panel



- 01 - Bass - This controls the level of bass for the channel. Turning the knob clockwise will increase the bass, turning it anticlockwise will reduce the bass.
- 02 - Treble - This controls the level of treble for the channel. Turning the knob clockwise will increase the treble, turning it anticlockwise will reduce the treble.
- 03 - Level - This adjusts the gain/volume level of the channel.
- 04 - Effect - This controls the signal level which will be sent to the built-in delay effect.
- 05 - Mic input (Balanced) - Input for XLR type connectors for low impedance microphones.
- 06 - Mic/line input (Unbalanced) - These inputs can be connected to guitars etc. (Please note: This is a MONO input source. If stereo is required it would need to be spread across 2 separate channels, e.g. plug the left signal into channel one and the right signal into channel 2. Only use mono jacks.)
- 07 - Line input - This dual input is for RCA type connectors for stereo line level devices. You can use both the Mic and Line inputs simultaneously on Channel 4.
- 08 - EQ - The signal from the input channels, processed by the built-in three band equaliser feeds to the master output. There are three knobs here to control the equalisation. Treble - This adjusts the high frequency range of the sound. Middle - This adjusts the middle range of the sound. Bass - This adjusts the low frequency range of the sound.
- 09 - CD/MP3 IN - This control adjusts the master volume of the line level input. This connection is an RCA type connector and is located on the rear panel (see 23).
- 10 - Effect - This adjusts the output level of the digital delay effects.
- 11 - Repeat - This increases the rate of delay. If this knob is turned clockwise the signal will repeat at a faster rate.
- 12 - Time - This adjusts the time interval of the delay, turn clockwise to increase the time interval between the delay.
- 13 - Master - This adjusts the final level of the main master output.
- 14 - LCD display with function buttons
 - A - Play/Pause
 - B - Stop
 - C - Volume increase
 - D - Volume decrease
 - E - Track skip backwards (holding this button will scan the track in reverse)
 - F - Track skip forwards (holding this button will scan the track forward)
 - G - Repeat - Pressing this button once will repeat a single track. Press again to repeat all the tracks on the USB or SD card once all the tracks have been played once.
 - H - EQ - This button has 8 steps. Each step has a different preset of EQ level. Pressing the button once will move the function forward one step. The display will show E1-E8. This EQ only affects the song on the USB or SD card inputs.
 - I - USB/SD input selector
- 15 - USB input
- 16 - SD card slot

Rear panel



17 - On/off switch

18 - IEC power input

19 - Fuse: T1.6A 250V

20 - Line in - Mono line level input (there is no volume control via this input).

21 - Line out - Mono line level output (level controlled by master volume) connect to an external amp.

22 - Record output - Left and right RCA/phono sockets. Connect to the input of a recording device.

23 - CD/MP3 input - Line level input (volume can be controlled by CD/MP3 In on the front panel (see 09).

24 - Speakers - Main master output sockets. Connect passive speakers to these sockets. (Please note: Minimum 4Ω load). Only one 8Ω speaker to be connected to each output socket.

Input impedance

Mic	2KΩ (balanced)
	1KΩ (unbalanced)
Line	10KΩ
CD/MP3 IN	47KΩ

Input channel

High EQ ±15dB @ 12kHz

Low EQ ±15dB @ 80Hz

Digital delay time (ms) 140-342ms

Total harmonic distortion (THD) <1% @ 20Hz - 20kHz into 4Ω load

Digital media player inputs USB and SD

Audio formats MP3 and WMA

Continuous power output 2 x 75W RMS @ 4Ω

Maximum power output 2 x 100W peak @ 4Ω

Problem Chart

Problem	Cause	Solution
No power	The power cable is not connected	Check the power cable and any extension cables
No sound	The power cable of the respective product is not connected correctly or not at all.	Check the power cable and if the plugs are properly connected with the sockets
	The connection socket or the plug is dirty	Clean the socket and/or the plug
Noise	The input signal is too strong	Reduce the input signal via the gain control
Fan does not work, LEDs do not light up	The power cable is not connected	Connect the power cable
Protect LED lights up permanently	DC voltage on input	Switch amplifier off and have the product checked by a service technician
	Amplifier overheats due to obstruction	Clean the fan grill
	Impedance of speakers too low	Ensure minimum 4Ω load per channel
	Short circuit in speaker connection or in speakers	Check speakers and connections



Cleaning and Maintenance

We recommend a frequent cleaning of the product. Please use a soft lint free and moistened cloth. Never use alcohol or solvents.

There are no serviceable parts inside the product except for the fuse. Maintenance and service operations are only to be carried out by authorised dealers.

Replacing the fuse

Only replace the fuse with a fuse of the same type and rating.

Before replacing the fuse, unplug the mains cable.

Procedure:

Step 1: Open fuse holder on the rear panel with a screwdriver.

Step 2: Remove the old fuse from the fuse holder.

Step 3: Install the new fuse in the fuse holder.

Step 4: Replace the fuse holder in the housing.

Should you need any spare parts, please use genuine parts.

Should you have any further questions, please contact your dealer.



***Correct Disposal of this Product
(Waste Electrical & Electronic Equipment)***

**(Applicable in the European Union and other European countries
with separate collection systems)**

This marking shown on the product or its literature, indicates that it should not be disposed of with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.



