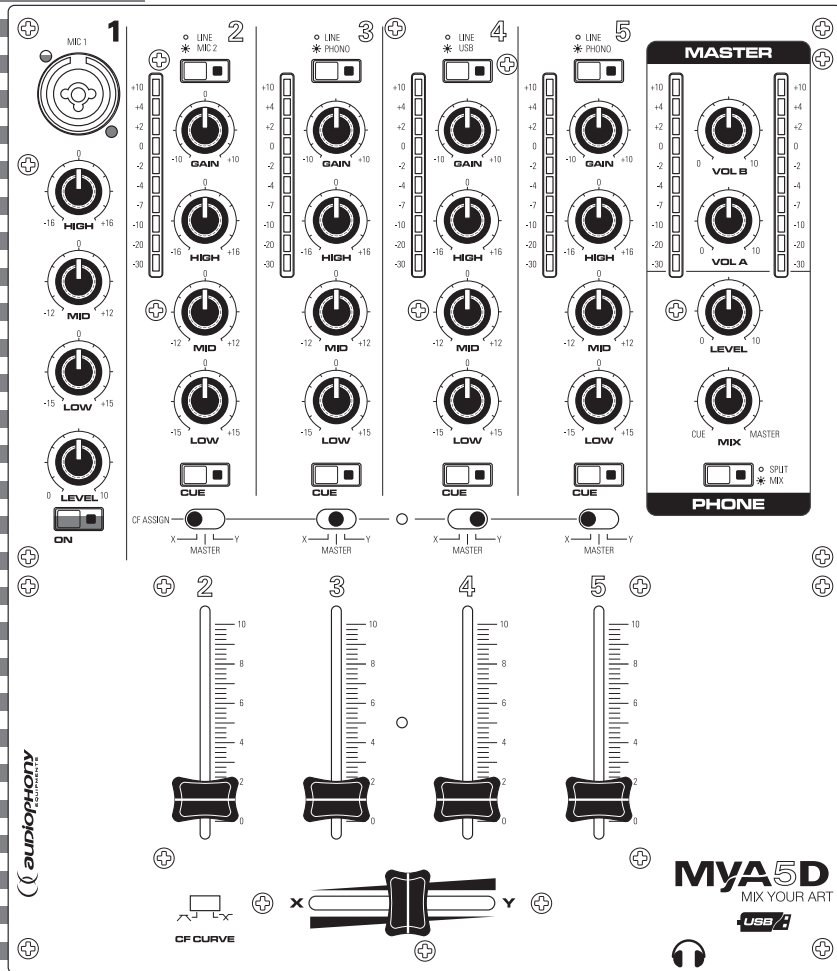


# 5-channel DJ mixer including 2 phonos, 4 lines, 2 mic and 1 USB port



# MYA5D

MIX YOUR ART

## USER GUIDE

9879 - July 2011 Version 1.0



# 1 - Safety information

## Important safety information



This unit is intended for indoor use only. Do not use it in a wet, or extremely cold/hot locations. Failure to follow these safety instructions could result in fire, electric shock, injury, or damage to this product or other property.



This product contains non-isolated electrical components. Do not undertake any maintenance operation when it is switched on as it may result in electric shock.



Any maintenance procedure must be performed by a CONTEST authorised technical service. Basic cleaning operations must thoroughly follow our safety instructions.



**CAUTION**  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN



**WARNING :** This unit contains no user-serviceable parts. Do not open the housing or attempt any maintenance by yourself. In the unlikely even your unit may require service, please contact your nearest dealer. In order to avoid any electrical malfunction, please do not use any multi-socket, power cord extension or connecting system without making sure they are perfectly isolated and present no defect.



### Risk of electrocution

To prevent the hazard of electric shocks, do not use extension cords, multi-socket or any other connection system without making sure metal parts completely are out of reach.



### Sound levels

Our audio solutions deliver important sound pressure levels (SPL) that can be harmful to human health when exposed during long periods. Please do not stay in close proximity of operating speakers.



### Recycling your device

- As HITMUSIC is really involved in the environmental cause, we only commercialise clean, ROHS compliant products.
- When this product reaches its end of life, take it to a collection point designated by local authorities. The separate collection and recycling of your product at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

## Symbols used



This symbol signals an important safety precaution.



The CAUTION symbol signals a risk of product deterioration.



The WARNING symbol signals a risk to the user's physical integrity. The product may also be damaged.

## Instructions and recommendations

### 1 - Please read carefully :

We strongly recommend to read carefully and understand the safety instructions before attempting to operate this unit.

### 2 - Please keep this manual :

We strongly recommend to keep this manual with the unit for future reference.

### 3 - Operate carefully this product :

We strongly recommend to take into consideration every safety instruction.

### 4 - Follow the instructions:

Please carefully follow each safety instruction to avoid any physical harm or property damage.

### 5 - Avoid water and wet locations :

Do not use this product in rain, or near washbasins or other wet locations.

### 6 - Installation :

We strongly encourage you to only use a fixation system or support recommended by the manufacturer or supplied with this product. Carefully follow the installation instructions and use the adequate tools.



Alchannels ensure this unit is firmly fixed to avoid vibration and slipping while operating

as it may result in physical injury.

### 7 - Ceiling or wall installation :

Please contact your local dealer before attempting any ceiling or wall installation.

### 8 - Ventilation :



The cooling vents ensure a safe use of this product, and avoid any overheating risk.

Do not obstruct or cover these vents as it may result in overheating and potential physical injury or product damage. This product should never be operated in a closed non-ventilated area such as a flight case or a rack, unless cooling vents are provided for the purpose .

### 9 - Heat exposure :

Sustained contact or proximity with warm surfaces may cause overheating and product damages. Please keep this product achannel from any heat source such as a heaters, amplifiers, hot plates, etc...

### 10 - Electric power supply :



This product can only be operated according to a very specific voltage. These information are specified on the label located at the rear of the product.

### 11 - Power cords protection:



Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at lugs, convenience receptacles and the point where they exit from the fixture.

### 12 - Cleaning precautions :



Unplug the product before attempting any cleaning operation. This product should be cleaned only with accessories recommended by the manufacturer. Use a damp cloth to clean the surface. Do not wash this product.

### 13 - Long periods of non use :

Disconnect the unit's main power during long periods of non use.

### 14 - Liquids or objects penetration :



Do not let any object penetrate this product as it may result in electric shock or fire.

Never spill any liquid on this product as it may infiltrate the electronic components and result in electric shock or fire.

### 15 - This product should be serviced when :



Please contact the qualified service personnel if :

- The power cord or the plug has been damaged.
- Objects have fallen or liquid has been spilled into the appliance.
- The appliance has been exposed to rain or water.
- The product does not appear to operate normally.
- The product has been damaged.

### 16 - Inspection/maintenance :



Please do not attempt any inspection or maintenance by yourself. Refer all servicing to qualified personnel.

### 17 - Operating environment :



Ambient temperature and humidity: +5 - +35°C, relative humidity must be less than 85% (when cooling vents are not obstructed).

Do not operate this product in a non-ventilated, very humid or warm place.

## 2 - Main features

- USB Port allowing you to play or record audio files from a computer

The USB port will be detected by your computer as sound card, no driver required

- 2 phones via RCA
- 4 Lines via RCA
- 1 Mic via combo socket (front)
- 1 Mic via Jack socket (rear)
- 3-band equalizer for each channel
- 3-band equalizer for each mic input
- Gain control for each channel
- Unbalanced and balanced Master A output
- Unbalanced Master B output
- Record output
- Monitoring output via stereo Jack 6.35
- LED VU meter for the Master output and Phone/Line level ways
- ON/OFF Function for the DJ microphone way
- Assignable cross-fader with low leakage current
- Adjustable cross-fader stroke

## 3 - Preparation

### Checking the package contents

The package must contain the following articles:

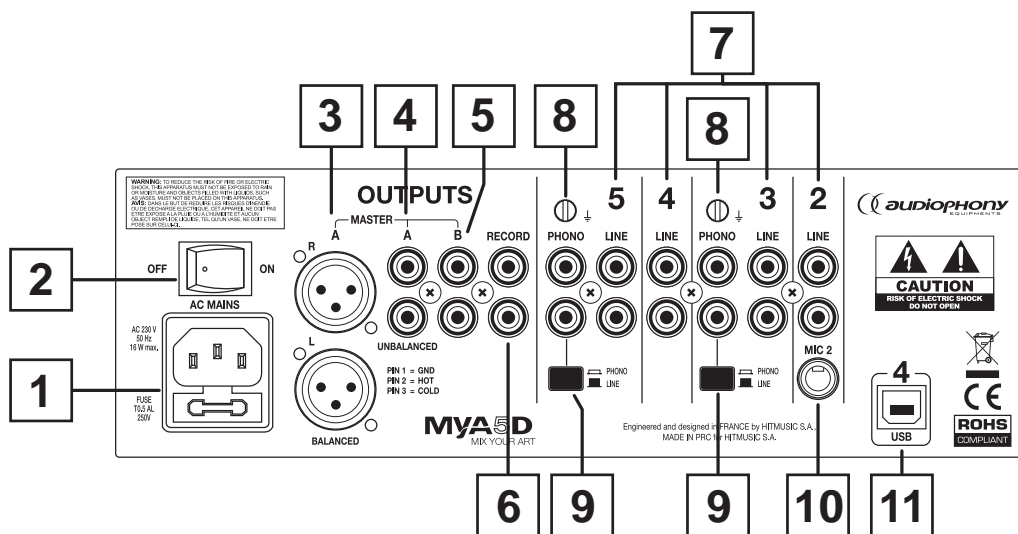
- Your MYA5D
- The user guide
- 1 CEE Power cord

### Installation

- Install your device over an even surface.
- Please make sure your mixer is set up in a ventilated area, unexposed to sun rays, excessive temperatures or humidity.

## 4 - Presentation

### Rear panel



#### 1 Power supply socket

Connect the supplied power cord here.  
Only use the supplied power cord or equivalent cords.

#### 2 Power switch

#### 3 Balanced MASTER A output

This balanced XLR stereo output allows you to carry sound signals over long distances without quality losses. This is the best system for sound processing with balanced outputs. The volume of this output can be adjusted via the VOL A fader.

#### 4 Unbalanced MASTER A output

Unbalanced stereo output carrying the same signal than the balanced MASTER A output.

#### 5 Unbalanced MASTER B output

Stereo unbalanced output. The volume can be adjusted via the VOL B fader.

#### 6 Record output

Allows you to connect a recording system to your console. The output level is not affected by the Master volume but the faders of each channel.

**7 Line level inputs**

These inputs allow you to connect a CD or cassette player, Tuner, or any other line level device. Turntables cannot be connected via these inputs.

**8 Phono inputs**

These inputs allow you to connect turntables. Do not connect any line level device to these inputs. Connect the ground of your turntables to the ground pins. This will prevent any "snoring" or parasitic noises.

**9 Source selector**

Allow you to select the type of device connected on these channels. Several devices can be connected on the same channel but only one per way can be activated. The "Phono" position is the standard settings to connect a turntable.

**10 Mic input**

Allow you to connect a microphone with Jack 6.35 connector.

**11 USB Port**

This input allows you to connect a computer equipped with USB ports. Your MYA5D acts like a sound card to your computer. Your computer will take a few moments to identify the internal interface. Once identified, your MYA5D will be detected as audio device.

The USB port allows you to play and record audio data directly from your computer.

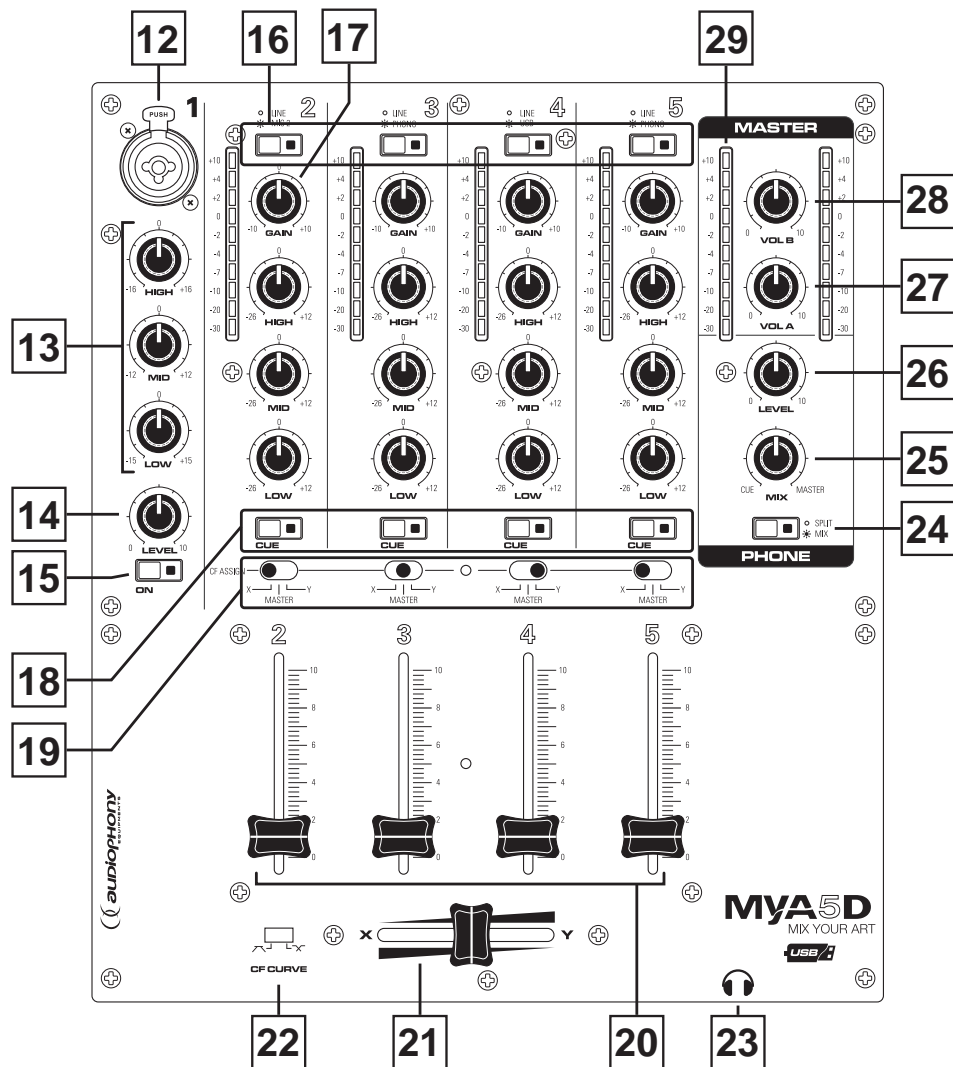
All you need is plugging a USB cable from your computer to your console and the drivers will automatically launch their installation. You will then be able to read any audio file such as MP3, WMA, WAV...

You can also directly record your set onto your computer. The USB port can record and play at the same time thanks to the Full duplex system.

The USB interface of your mixer is detected as a standard USB sound card (USB Audio Device or USB Audio CODEC).

All audio signals from your computer will be carried to the console via USB cable, combining a vast audio database with the ease of use of your MYA8C.

## Front panel



**12 DJ microphone input**

This combo socket allows you to connect a Jack 6.35 or XLR microphone.

**13 Equalization**

Each channel features a 3-way equalizer. These control knobs can increase or decrease low frequencies (LOW), medium (MID) or trebles (HIGH) of the output signal.

- **HIGH** (High Frequency control): Allows you to adjust the trebles volume from +12 and -26 dB at 10kHz for each stereo channel, from +16 and -16 dB at 10kHz for the microphone channel. Turn it clockwise to increase the volume, counterclockwise to decrease the volume.

- **MID** (Mid/high Frequency control): Allows you to adjust the medium frequencies volume from +12 and -26 dB at 10kHz for each stereo way, from +16 and -16 dB at 10kHz for the microphone channel. Turn it clockwise to increase the volume, counterclockwise to decrease the volume.

- **LOW** (low frequency control): Allows you to adjust the basses volume from +12 and -26 dB at 10kHz for each stereo channel, from +16 and -16 dB at 10kHz for the microphone channel. Turn it clockwise to increase the volume, counterclockwise to decrease the volume..

**Caution:** These settings may affect the clip level.

**14 LEVEL (MIC 1)**

DJ microphone volume settings.

**15 ON (MIC 1)**

Turns on/off the DJ microphone way.

**16 Source selector**

Allow you to select the type of device connected on these channels. Several devices can be connected on the same channel but only one per channel can be activated.

**17 Gain control knobs**

These control knobs allow you to adjust the input level on each channel. Adjusting the input level is crucial to produce a perfect sound quality. High input levels might create sound distortions which may damage your amplifiers and speakers.

**18 CUE Buttons**

These buttons allow you to monitor the signal of a particular channel and visualise its equalization.

**19 CF ASSIGN Selectors**

These selectors allow you to assign each channel to one of the crossfader side or directly send the signal of a particular channel towards the MASTER output.

The X position indicates the channel is directed towards the left side of the crossfader while the Y position is dedicated to the right side. The MASTER position indicates the channel is directly sent to the crossfader.

**20 Channel faders**

These faders can be used to adjust the volume of each channel.

**21 Cross-fader**

This fader allows you to mix together the output of selected channels. When on the left (X), only the signal carried by the X-assigned channel will be audible. When on the right, only the Y-assigned channel will be audible. When at the center, both channels are audible.

**22 CF CURVE**

Allows you to configure the behaviour of the cross-fader: towards the left meaning the transition from one track to the other is progressive while once position towards the right indicates a direct transition.

**23 Headphones output**

This stereo Jack 6.35 allows you to connect your headphones to monitor sound outputs..



Please make sure the headphones are at their lowest volume before connecting them.

**24 MIX / SPLIT**

Allows you to select the type of monitoring.

In MIX mode, the headphones will receive the CUE and MASTER channels, each channel can be selected via the CUE mixing fader. In SPLIT mode, the headphones will receive the mono signal from the CUE channel in the left earcup while the right earcup will be dedicated to the mono MASTER signal. This function uses the VU meter in the same way.

## 25 MIX (CUE / MASTER)

This function allows you to listen to a selected channel via your headphones. Use the CUE button and the master settings (PGM) to adjust their volume in relation to each other.

## 26 LEVEL

Allows you to configure the headphones output volume. Turn it clockwise to increase the volume.



Please make sure the headphones are at their lowest volume before connecting them.

## 27 VOL A

Allows you to adjust the volume of the main output labeled **MASTER A** at the rear.



Please make sure the volume is at its lowest before turning on your device.

## 28 VOL B

Allows you to adjust the volume of the main output labeled **MASTER B** at the rear.



Please make sure the volume is at its lowest before turning on your device.

## 29 VU meters

These indicators allow you to visualise the volume of each CUE-selected channel: that is the PFL (Pre Fader Listen). They also allow you to visualise the volume of the Master output (PGM).

When reaching the red zone, the volume is too high and the sound output might be distorted.

## 13 - Technical specifications

### 1 - Main specifications

Power supply	230V, AC ~ 50Hz
Power consumption	19 Watts
Dimensions	254 x 295 x 104 mm (Embedding depth: 85 mm)
Weight	3.4 Kg

### 2 - Impedances and inputs gain control

Mic 1	34 KOhms / 40 dB (balanced)
Mic 2	34 KOhms / 40 dB (balanced)
Phono	31 KOhms / 40 dB (unbalanced)
Ligne	3.6 Ohms / 0 dB (unbalanced)

### 3 - Impedances and outputs gain control

Master A	550 Ohms / +18dB
Master B	+18 dB
Record	0 dB
Headphones	160mW (@75 Ohms / 1% THD)

### 4 - Equalization

#### 4 - 1 Stereo channels

Bass	+12dB / -26dB @ 50Hz
Medium	+12dB / -26dB @ 1,3kHz
Treble	+12dB / -26dB @ 10kHz

#### 4 - 1 Microphone channels

Bass	+15dB / -15dB @ 70Hz
Medium	+12dB / -12dB @ 2,5kHz
Treble	+16dB / -16dB @ 10kHz

### 5 - Audio specifications

Signal to noise ratio	> 77 dB (Line input towards Master output)
Crosstalk	< -65 dB (Between line level inputs @ 1,0 kHz)
Stereo channels balance	< 3 dB (Between left and right @ 1,0 kHz)
Frequency response	20 - 20 kHz (+/-3dB) (@ 1 kHz)
Distortion (THD)	< 0,07% (Line input towards Master output)

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