

# MiZiK



# dVin Plus



# User Manual

Thank you for purchasing the MiZiK dVin Plus.

Please take some time to read this manual.

Although the dVin Plus is incredibly intuitive to use, these notes will provide you with useful information when it comes to connecting it up, getting started and operating your new unit making it even easier and quicker to start enjoying the MiZiK's musical performance.

## INDEX

---

Introduction	2
Set-up and Installation	3
Preliminaries	3
Choice of dVin location	3
Power Supply	4
Connections	5
Configuration of USB input	
PC	6
Mac	6
Connecting dVin Plus with dPlay Plus	6
MiZiK dVin Plus Operation	8
Recommendations to obtain the best results	9
Cleaning	10

The dVin Plus is an extremely high-quality ADC, phono preamplifier and line stage. Equipped with analog and digital outputs, the dVin Plus employs unique, ground-breaking technology to deliver remarkable musical performance from line level and analog sources – a performance that challenges the very best and most expensive previously available analogue to digital converters. It's versatile too, delivering that performance in both existing systems or as the heart of a complete, revolutionary MiZiK system.

By combining its proprietary MusiC decoding technology with source switching and volume control capabilities, the dVin Plus creates a playback chain that is shorter, more accurate and more musical. Internal circuit topology has a dedicated MiZiK link providing data transfer and control connectivity with other MiZiK units.

The dVin Plus accepts inputs from any line level and phono level source. It can be connected to other MiZiK components (MiZiK Link). It can be connected to any power amplifier.

Do not make any connections or switch on the dVin Plus before reading these instructions and observing all safety warnings.

## WARNING!

Observe general electrical safety precautions, particularly with regard to avoiding water, moisture and heat. To reduce the risk of electric shock do not remove the cover and refer servicing to qualified personnel. The installation instructions must be carried out in full and all mentioned precautions taken in order to provide the full measure of musical satisfaction the dVin Plus is designed to provide and to avoid jeopardizing personal and equipment safety or impairing performance.

Used properly and treated carefully, your MiZiK dVin Plus will deliver considerable musical performance for many years to come.



### Choice of Preamplifier Location

The mechanical construction of the MiZiK dVin Plus has been especially designed to minimize the microphonic effects of vibration on the audio circuits. It can be placed vertically or horizontally without affecting performance.

The unit is delivered with the vertical stand. If you wish to use it with horizontal orientation then the appropriate (additional) horizontal stand should be used.

## WARNING!

This fuse is located on the power cord receptacle and can be accessed by raising the cover using a small screwdriver when the power cord has been removed (ensuring power is disconnected before handling). Use a T2.5A slowblow fuse. Always ensure that the fuse cover is fitted.

Always remember that a plug with bared connectors is dangerous if in contact with a live socket. This appliance must be earthed. Connect the non-rewireable power cord supplied to the back of the power supply and plug it into the nearest wall plug. Use only a three-pin, grounded plug for safety and noise reasons. To get the best sound from the dVin Plus, avoid multiple plug adaptors or household extension cords.

Take care to always handle the cable by the connectors. Never twist the cable excessively or attempt to connect or disconnect the connector by handling the cable body in place of the connector.

The next stage in setting up your MiZiK dVin Plus is to connect your sources, power amplifiers and other peripheral devices. All devices should be disconnected from mains power until safe.



### **Ethernet/Network Connection**

The dVin Plus has a built-in Ethernet port. This port will enable many new features that will be released soon. Please visit MiZiK website or ask your dealer for news around this.

### **Connecting Analogue Outputs**

First ensure that the amplifier or integrated amplifier that you are connecting the dVin Plus to is switched off. The configuration and volume control arrangements will be dictated by the type of amplifier being used: Power Amplifier or Integrated Amplifier.

**Power Amplifier** - The dVin Plus is equipped with one set of single-ended (RCA) analogue outputs. These should be connected to your system's power amplifier, using high-quality audio interconnects.

**With an Integrated Amplifier** – If using the dVin Plus with an integrated amplifier there are a number of possible configurations:

**As a phono preamplifier** – Connect the output of the dVin Plus to any line input. Set the volume control on the amplifier to minimum and in the dVin Plus. Access 'Set Up' menu and select 'Preamp Off'. This will set the unit to Fixed Output. Use the volume control on the integrated amplifier to set listening level. Use the source switching on the dVin Plus to select between line level and phono level sources. Use the source switching on the integrated amplifier to select between the dVin Plus and other analogue sources (radio tuner, record player etc.).

**As a preamplifier in a digital source only system** – Connect the output of the dVin Plus to the chosen input of the integrated amplifier. If there is a Power In or Theatre Bypass connection on the amplifier, use this. It will disable the integrated amplifier's volume control. If there is no Power In or Bypass input, use any line-level input (CD for example) and set the volume to minimum.

**Turntable ground cable** - The dVin Plus is equipped with a ground lug only intended for turntable connection.

**Power Amplifier** - The dVin Plus is equipped with one set of analogue outputs (single-ended RCA). They should be connected to your system's power amplifier, using high-quality audio interconnects.

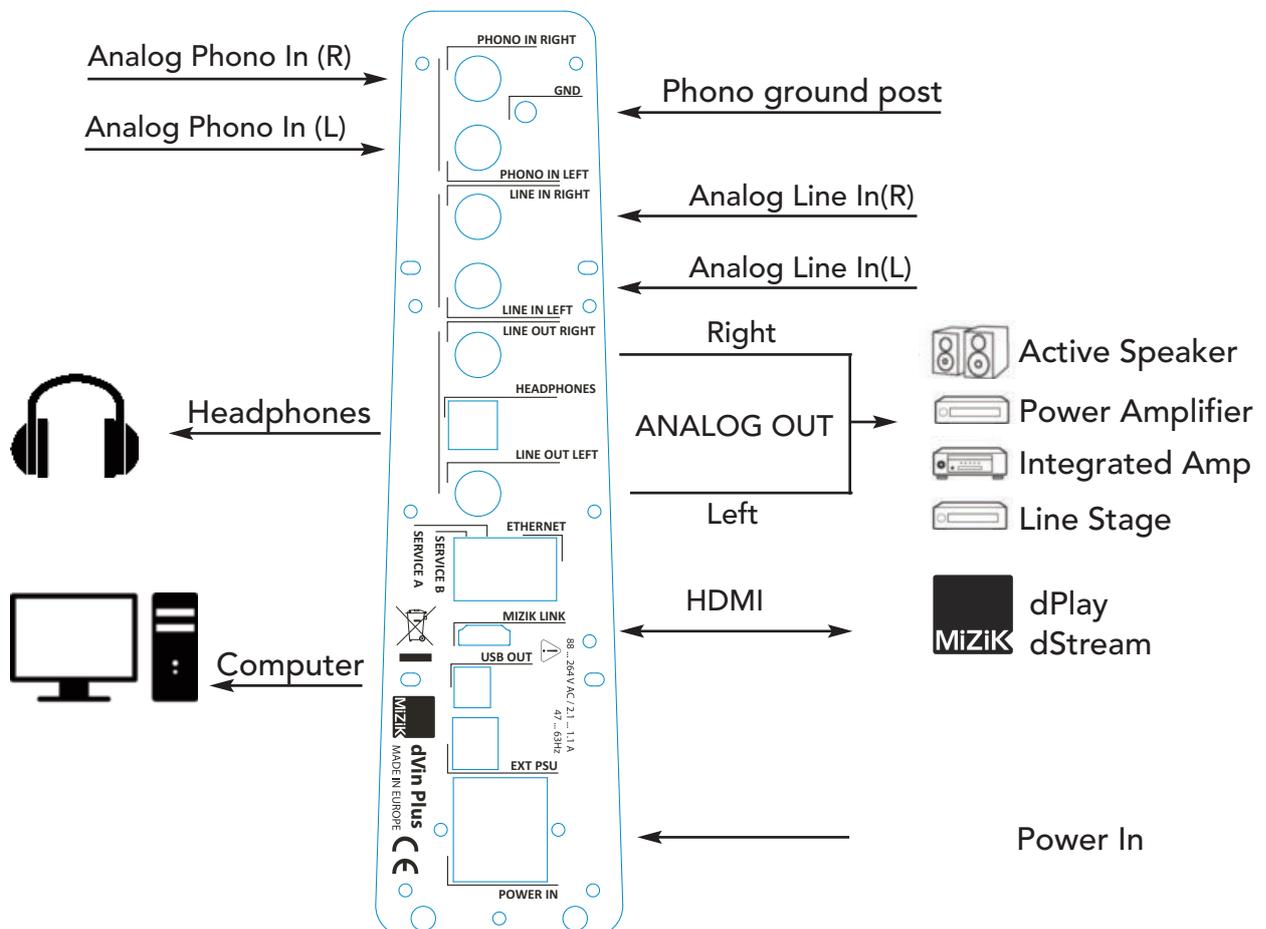
**With an Integrated Amplifier** – If using the dVin Plus with an integrated amplifier there are a number of possible configurations:

**As a Phono preamplifier** – Connect the output of the dVin Plus to any line input. Set the volume control on the amplifier to minimum and in the dVin Plus. In Set Up menu, select 'PREAMP' and 'DISABLE'. Use the volume control on the integrated amplifier to set listening level. Use the source switching on the dVin Plus to select different digital sources. Use the source switching on the integrated amplifier to select between the dVin Plus and other analogue sources (radio tuner, record player etc.).

**As a Line level preamplifier** – Connect the output of the dVin Plus to the chosen input of the integrated amplifier. If there is a Power In or Theatre Bypass connection on the amplifier, use this. It will disable the integrated amplifier's volume control.

If there is no **Power In** or **Bypass input**, use any line-level input (CD for example) and set the volume to minimum.

## Connections



## Using the USB input to store music files to a computer source

In order to save music files to a computer source, you must first configure the computer's USB output to interface correctly with the dVin Plus. The process is different for MAC and PC and is laid out below.

Most audio capture programs for MAC and PC will be compatible with dVin Plus.

The quality of USB cable employed will have an audible affect on musical performance. We strongly recommend that you experiment with dedicated computer audio USB cables from specialist audio cable manufacturers in order to achieve maximum performance.

### Configuration of USB Input in PC – Windows

Connect the PC to the dVin Plus USB input.

Download and install driver:

<https://www.dropbox.com/s/cgmjf5oe22wrn8b/DSD-1.06-%28QT%29.rar?dl=0>

Open your favourite audio recording program. Inside configuration menu, you will see dVin Plus as an available recording device.

### Configuration of USB Input in PC – Mac

No driver is needed on Mac. Simply connect the Mac to the dVin Plus USB input.

Open your favourite audio recording program and select MiZiK dVin as recording device.

### Connecting dVin Plus with dPlay Plus

No driver is needed on Mac. Simply connect the Mac to the dVin Plus USB input.

The dVin Plus can be connected to dPlay Plus to form a single system and improve performance. The link between dPlay Plus and dVin Plus is done by an HDMI cable.

Once both units are connected together, dVin Plus will still have analogue output. Connection to power amplifier or speakers should be done through the dPlay Plus. This is illustrated in the next page.

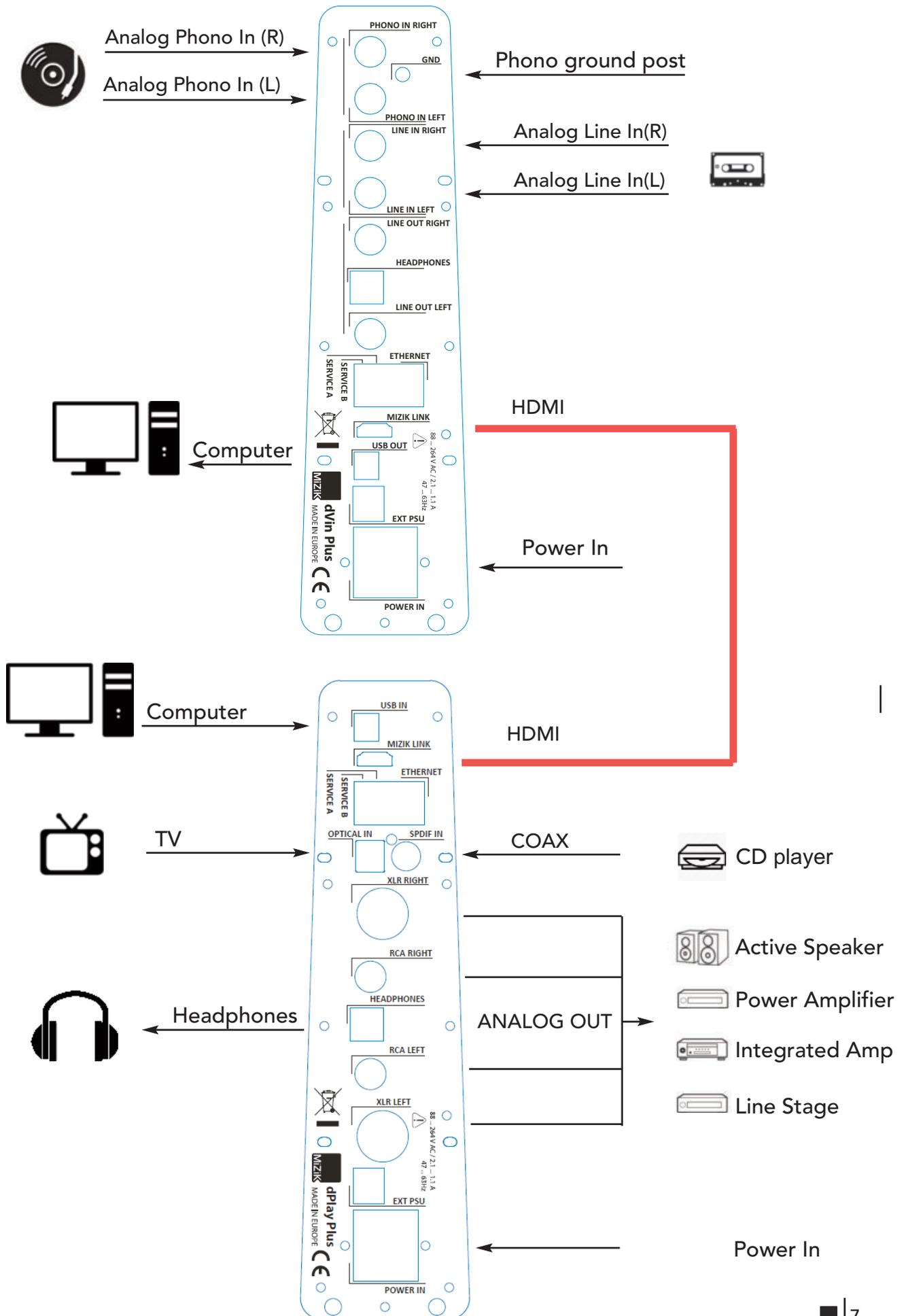
When both units are linked together and the MiZiK link is used, best phono performance can be obtained from dPlay Plus audio output.

In this case, choose 'MiZiK' as input source in dPlay Plus. You can now control total volume from dPlay.

## WARNING!

The dVin Plus and dPlay Plus are equipped with HDMI connectors. These connectors are intended to use an HDMI cable and connect both units together. These HDMI connectors should never be used for standard HDMI products. MiZiK uses a proprietary implementation of the connector.

# Connections in dVin Plus ■ dPlay Plus combination



## MiZiK dVin Plus Operation

Now that you have completed all source connections, you can switch on the system. Start with source components, then the dVin Plus and finally, the amplifier. If you are using the dVin Plus as a preamplifier with an integrated amplifier, once you have powered up both the dVin Plus and the integrated amplifier, select the correct input on the integrated amplifier and slowly advance the amplifier's volume to maximum.

### MAIN Display Navigation

**Volume:** to change the volume, touch the **UP** and **DOWN** arrows. The unit will display **MUTE** when Muted. Maximum level is 100.

**Source selection:** the **UP** and **DOWN** arrows will change between **PHONO** and **LINE**.

**SETUP icon:** Touch the red icon to enter the SETUP menu.

### SETUP display navigation

- Control:** Reserved for future use.
- Phono EQ:** Select phono EQ between **RIAA**, **Columbia** and **Decca**. The active setting is displayed in capital letters.
- Display:** Changes display brightness from 0 to 100%.  
**Next:** Display orientation can be tailored to be **HORIZONTAL**, **VERTICAL** or **AUTO**.  
**MiZiK Infor:** Displays current firmware version installed in dVin Plus.
- MC/MM:** Selects the type of phone cartridge between **Moving Coil (MC)** or **Moving Magnet (MM)**.
- Restore:** Restores factory default settings.
- Store Settings:** Stores all current values used in the dVin. These values will be recalled after a power on.
- Gain High / Low:** Selects the analog input gain. The difference between both settings is 6dB. This setting only operated when phono input is selected. It has no effect in Line level input.
- Preamp Mode:** Enables or disables internal preamplifier.
- Restore:** Restores factory default settings.

**NOTE:** Active settings are displayed in capital letters.

## Recommendations:

### 1. Sonic Effect of Warm Up:

When first powered up the dVin Plus will take some time to achieve maximum performance. This effect is known as burn-in and is caused by the electrical components forming through operation and achieving optimum temperature. When you first receive your dVin Plus, it is a good idea to leave your main source playing through it on repeat for several days, with the volume set at or close to minimum. This will speed the burn-in process and audibly improve performance.

If the dVin has been left switched off for some time, the optimum sound quality may only be restored after 6 to 24 hours. The critical circuits have to warm up to around +55 degrees Celsius (+131 degrees Fahrenheit) before achieving their optimal performance. This is why MiZiK recommends

## CLEANING

Do not use liquid or aerosol cleaners on MiZiK components. Wipe dust off the surfaces using a dry, soft cloth. To remove stains or dirt, use a soft, damp cloth and a solution of water and mild detergent, such as washing-up liquid.

## Waste Electrical and Electronic Equipment (WEEE) Environmental protection

The European Parliament and the Council of the European Union have issued the Waste Electrical and Electronic Equipment Directive. The purpose of the Directive is the prevention of waste of electrical and electronic equipment, and to promote the reuse and recycling and other forms of recovery of such waste. As such the Directive concerns producers, distributors and consumers.

The WEEE directive requires that both manufacturers and end-consumers dispose of electrical and electronic equipment and parts in an environmentally safe manner, and that equipment and waste are reused or recovered for their materials or energy. Electrical and electronic equipment and parts must not be disposed of with ordinary household refuse; all electrical and electronic equipment and parts must be collected and disposed of separately. Products and equipment which must be collected for reuse, recycling and other forms of recoverable mark with the pictogram shown.



When disposing of electrical and electronic equipment by use of the collection systems available in your country, you protect the environment, human health and contribute to the prudent and rational use of natural resources. Collecting electrical and electronic equipment and waste prevents the potential contamination of nature with the hazardous substances which may be present in electrical and electronic products and equipment.

Your MiZiK retailer will assist with and advise you of the correct way of disposal in your country.

## SPECIFICATIONS

Power consumption ON/Stand-by: 20W/<1.5W

Analog input:

Phono Input Gain (Gain Low setting): MC: 60dB - MM: 40dB

Gain High setting adds 6dB to Gain Low values.

Phono Input impedance: MC: 100 ohms // 100pF - MM: 47KOhms // 100pF

Line Level Input impedance: 35KOhms

USB out: 96 KHz, 24 bits

Max output voltage RCA/XLR: 4Vrms

Weight: 7.0 kg. / 8.2kg shipping

Dimensions(WxDxH): 29 x 22.3 x 8.1 cm.

[www.mizikmusic.com](http://www.mizikmusic.com)