



# Smartface II Owner's Manual



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# Preface

Thank you for purchasing the MIDIPLUS Smartface II USB Audio interface. This interface brings an unparalleled level of USB audio quality to the Mac or PC, with pristine 16-bit /44.1 KHz A/D and D/A converters, an ultra-low jitter clock, and low noise MIC/ line /hi-Z preamp.

## What's in the Box?

The following items should be in your package.

- One Smartface II .
- Owner's Manual.
- One standard USB Cable.

## Description of the Smartface II :

- Simple computer connection via USB
- "Class Compliant" device - NO driver installation necessary, runs directly under Windows XP SP2, Vista, Windows 7 32 and 64 Bit
- 16 Bit AD/DA Converters, supported Sampling frequencies (Hz): 8000, 9600, 11025, 12000, 16000, 22050, 24000, 32000, 44100
- Frequency response 10 Hz to 20 kHz,  $\pm 1$  dB @ 44.1 kHz sample rate - 10 Hz to 22 kHz,  $\pm 1$  dB @ 48.0 kHz sample rate
- Outputs Stereo: Dynamic Range: >95 dB (typical, -60 dB input, A-weighted)  
- S/N Ratio: >95 dB (typical, A-weighted) - THD: -90dB (typical)
- Inputs XLR MIC: Dynamic Range: >90 dB (typical, -60 dB input, A-weighted)  
- Signal-to-Noise Ratio: >90 dB (typical, A-weighted)

- Inputs INSTR/LINE: Dynamic Range: >90 dB (typical, -60 dB input,A-weighted) - Signal-to-
- Noise Ratio: >90 dB (typical,A-weighted)
- Crosstalk -77 dB @ 0 dBV, 1 kHz
- Dynamic range: >95 dB (typical, -60 dB input,A-weighted)
- Adjustable stereo input for LINE level devices. +40 dB max
- Stereo output for LINE level devices
- 2 x HI-Z instrument input.
- 2 x MIC input and MIC with +48V phantom power input switchable
- Adjustable stereo headphone output for headphones.
- USB Powered, i.e. power supplied via USB connection of the computer
- Indicator-LEDs for clip/peak and signal

# Smartface II Overview

## Front panel



## 2 x XLR MIC and Instrument Input

This XLR/jack combo balanced connectors accepts a microphone level signal with a XLR jack or in the middle a TRS jack. Beside the MIC/TRS combo connectors there are 2 LEDs to monitor the signal and peak levels.

## 2 x MIC level control

This level controllers regulates the level of the signals going from the MIC input..

## Headphone Output Jack

This stereo jack plays back outputs 1 and 2 through the Left and Right speakers of your headphones.

## Headphone and Line out output level control

This level control regulates the level of the output signal for the headphone amp and the Line out.

# Rear Panel



## USB Jack

This jack connects the Smartface II to your computer, using a USB 1.1 (or higher) connection.

## Mono/Stereo select

Switch to select between mono and stereo input.

## +48V Phantom power switch

Switch one of them or both to select between Microphones with or without phantom power(dynamic and condenser microphone).

## LINE Output (stereo)

These unbalanced RCA output the signal, which is output from your computer and should be connected to a pair of powered speakers, a mixer or a stereo receiver.

## LINE Input (stereo)

These inputs accept the line level stereo signal. If you are recording a stereo line-level source, plug the left channel into LINE Input 1 and the right channel into LINE Input 2.

## Connection and operating devices:

The product case is printed with all relevant information! There are two XLR Mic sockets, on the front right side you can find the HEADPHONE Out and the main volume leveler. On the opposite side there are 4 Phono (TRS) sockets for the In- and Output. Connect the LINE out sockets with a regular Phono (TRS/RCA) cable to an amplifier. All outputs, the LINE out and the headphone out, all provide the same mix.

## USB Connection

The Smartface II communicates with your computer through a USB port. It is also powered by the USB connection. Because of this, we recommend that you plug the Smartface II into one of the built-in USB ports on your computer, not through a keyboard connection or USB hub.

To connect your Smartface II, find the open jack of an unused USB port on your computer and connect it to the Smartface II jack with the included USB cable. This computers USB jacks will most often be located on a rear panel and will probably be marked with a USB symbol. In Windows XP, Vista, Windows 7, 8 and Mac OSX the Smartface II is class-compliant, making driver installation optional-to begin using the Smartface II, you may simply plug the unit into a USB port.

However, choosing to install the Windows ASIO driver will allow the following added functionality:

## Connecting the Smartface II to your computer

Connecting the Smartface II to a computer is very easy! Simply

connect your Smartface II , with the included USB cable, to a free USB port on your computer. When the Smartface II is attached a red LED lights up briefly to signal a good power supply to the Smartface II . The installation under Windows will then take place automatically, a few seconds after connecting to your computer system it will find a "USB Audio Codec" or "USB Audio Device", which can be used in each application and adjusted in the system control. Using the USB connection your digitized audio data can now be transferred to your computer!

## **MIC and INSTRUMENT Inputs**

Connect your Microphone at the XLR input or your electric guitar to the Instrument/LINE input. If you use a Microphone, which needs phantom power you find the phantom power switch on the back side of the Smartface II . You can adjust the input level of each channel of the Microphone or Instruments with the Input levelers beside the XLR input sockets.

## **LINE Input**

Connect your Player device to the two TRS sockets in the middle of the XLT/TRS combo socket.

You can connect any devices with a LINE level output, e.g. Tape deck or CD players.

## **LINE-Output (Stereo TRS Jacks)**

Connect your amplifier to these outputs for monitor recordings or sounds from the computer.

## **HEADPHONE-Output (Stereo Jack 6,3 mm)**

Connect your headphone to this output to monitor recordings or



sounds from the computer.

## **MIDI I/O**

Connect your MIDI devices to this port with a normal 5 pin DIN MIDI cable.

# **SOFTWARE INSTALLATION**

Follow these instructions to install the Smartface II driver on computer.

1. First connect the Smartface II to your computer using the supplied USB cable.
2. Windows will detect the new USB device and install the USB audio device automatically.

It is for the system build-in USB driver Install. But if you want to install the ASIO driver for it, please do next.

3. Download the ASIO Driver

<http://www.midiplus.com.tw/MIDIPLUS-Download.htm>

4. Install the ASIO Drivers