



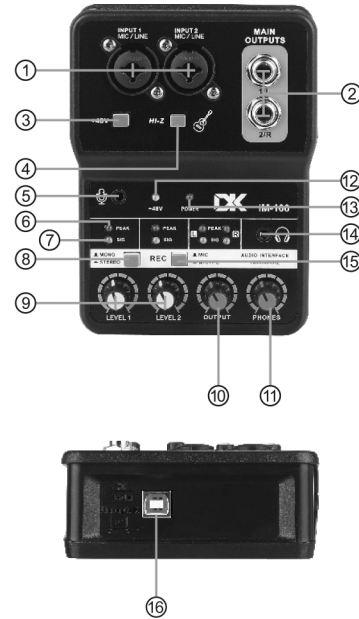
Professional recording sound card Operation manual



DK Technology
www.dk-music.cn
Made in China

Please keep this manual for future reference

Owner's Manual



1. [MIC/LINE]:

Mono input (channel 1/2): an XLR combo input jack that connects microphone, instrument, etc.

2. [MAIN OUTPUTS]:

1/4" TRS balanced stereo output: connecting to powered speakers or powered amp. The signal level can be adjusted through the [MAIN] knob.

3. 48V phantom power switch:

() Turn off/ () Turn on, please turn on the built-in phantom power supply when using any condenser microphones.

Notice:

- The built-in phantom power only powers the devices that are connected via XLR plugs of channel 1/2.
- If you do not need phantom power, be sure to set this switch to off () .
- When the phantom power is turned on () , pay attention to the following phenomena to prevent damage or noise to the mixer or external equipment.
- Do not disconnect the XLR plug when the switch is on.
- Before turning on and off the phantom power supply, set the output controller such as [MAIN] to the minimum level.

4. Line/Instrument input switch (channel 2):

() Line input/ () Instrument input. Switch to instruments input when connecting high impedance instruments such as electric guitar, electric bass, etc.

5. 3.5mm microphone jack:

Connect to a 3V condenser microphone. The signal level can be adjusted by the [LEVEL] knob of channel 1.

6. [PEAK] indicator:

Detect the input signal level, the [PEAK] indicator lights red when the level reaches 3 dB below clipping. To reach an optimized recording level, adjust the [LEVEL] knob until the [PEAK] indicator only flashes briefly.

7. [SIG] indicator:

The [SIG] indicator lights green when the input signal level reaches -20dB.

8. [MONO/STEREO] switch:

Switch to stereo mode to output a stereo signal from channel 1/2.

9. [LEVEL] knob:

Adjust the channel output level that are sent to [MAIN].

10. [MAIN] knob:

Adjust the mixed signal level of the [MAIN] output.

11. [PHONES] knob:

Adjust the headphone signal level.

12. [+48V] indicator:

The indicator lights green when the built-in phantom power is turned on.

13. [Power] indicator:

The indicator lights red when the power supply is connected.

14. Headphone jack:

Connect to a 3.5mm headphone for monitoring.

15. [REC] LOOPBACK switch:

() Pop up position: record the signal directly from channel 1/2. () Press down position: LOOPBACK is turned on, record a mixed signal from both computer and channel 1/2.

16. Type-B USB 2.0 port:

Connect to a computer for data transmission and power supply.

Notice:

- Pay attention to the following when connecting to the computer.
 - Failure to comply may cause computer crash, data loss, and damage to the device.
- Please wait for at least 5 seconds when connecting or disconnecting the computer.
- Restart the unit/computer/application when necessary.

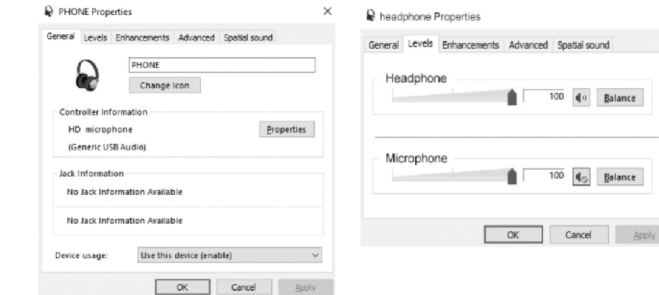
Technical specifications:

1. Input channel: 2 mono channels (MIC/LINE), switchable to 1 stereo
2. Output channel: 1 stereo
3. Phantom supply voltage: +48V
4. USB audio: 2-in/2-out, 48kHz, 16 bit
5. Power supply power requirements: $\geq 5W$

Setup Instruction

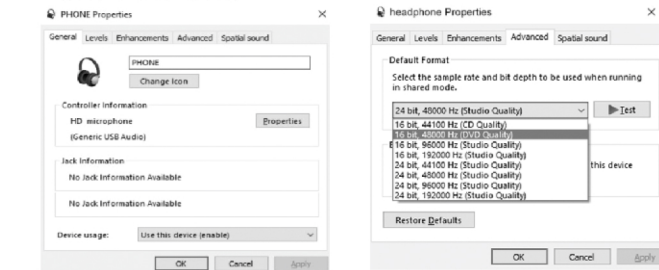
1. Monitor setting:

As shown in the figure below, turn off the return listening in the computer volume mixer, otherwise the sound will be repeated and seriously distorted. After closing, click "Apply" first, and then click "OK" to complete the setting.



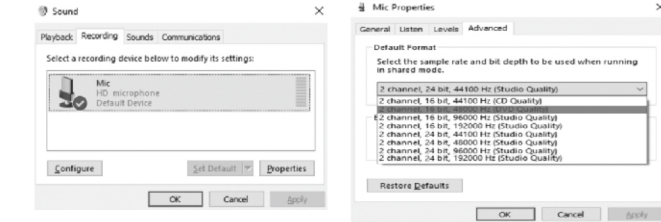
2. Playback settings:

Find the local device as shown in the figure below, and set the sampling rate and bit width of the volume mixer to 16bit/48KHz. Improper setting will lead to abnormal operation of the sound card.



3. Recording settings:

Find the local device as shown in the figure below, and set the sampling rate and bit width of the volume mixer to 16bit/48kHz. Improper setting will lead to abnormal operation of the sound card.



Troubleshooting

The power indicator is not on

Confirm whether the correct USB cable is used, and be sure to use the attached USB cable. Check whether the USB connector is firmly connected. Confirm whether the USB power supply is normal.

No sound

Confirm whether the correct USB cable is used, and be sure to use the attached USB cable. Check whether the computer's volume control is set to the correct level. Confirm whether [MAIN] volume knob and [PHONES] volume is on the correct level. Check whether the input signal and output to the monitoring speaker are connected correctly. Check whether the monitor speaker power switch is on. Check whether the volume knob of the monitoring speaker is on the correct level.

Abnormal sound recorded by the computer (noise interruption or distortion)

Confirm whether the computer meets the system requirements, the audio data processing capacity of the computer depends on many factors, including CPU speed and external access equipment. Check whether the recording level is overloaded. It is recommended to set the recording level to 0dB (0dB=1V) Check whether the input microphone or other audio devices are connected correctly.