

# E-MU 0404 USB INPUTS/OUTPUTS



## 1. Mic / Hi-Z / Line Inputs

These Neutrik combination jacks can be used either as balanced microphone inputs, Hi-Z guitar pickup inputs or balanced line level inputs.

XLR Connectors - Use for dynamic or condenser microphones.  
(1=gnd, 2=hot, 3=cold)

1/4 inch Jacks - Center opening. Use for electric musical instruments (i.e. guitar, bass, etc.), or line-level signals. The inputs are balanced, but you can use either balanced (TRS) or unbalanced cables for line-level signals (tip=hot, ring=cold, sleeve=gnd).

## 2. S/PDIF In/Out

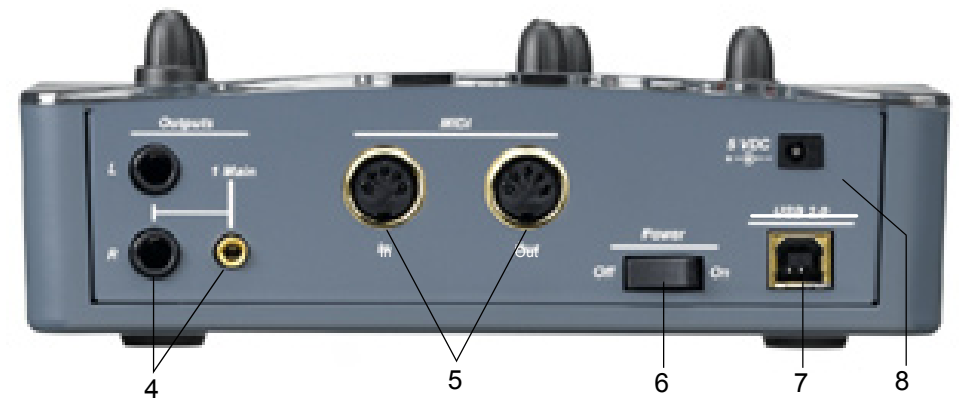
Each jack carries two channels of digital audio data from external devices such as external A/D-D/A converters or other digital devices with S/PDIF. Both the coaxial (RCA) jacks and the optical ports carry identical data. Select the format you want to use in the E-MU USB Audio control panel.

## 3. Headphone Output

The headphone output is designed to drive stereo headphones with 1/4" stereo plugs. If your headphones have a smaller 1/8" plug, use a commonly available plug adapter.

### • Ground Lift Switches

There are "ground lift" switches for both analog inputs located on the bottom of the unit. These switches can be used to safely stop the hum if a ground loop occurs in your setup.



## 4. Main Outputs

The main outputs are normally connected to your monitoring system. The signal is duplicated on a stereo 1/8" jack for easy connection to desktop stereo speakers.

Use TS unbalanced cables for consumer-level line signals and TRS balanced cables for pro-level line signals. Balanced cables provide +6dB more output.

## 5. MIDI In/Out

The MIDI input and output ports allow you to interface any type of MIDI equipment such as keyboards, effect units, drum controllers (anything with MIDI).

## 6. On/Off Switch

This switch turns the 0404 USB on or off. Don't cycle the power on and off quickly or the internal computer may lock up. Wait a second or two between power cycles.

## 7. USB

Connects the 0404 USB to the USB 2.0 port on your computer via the supplied USB cable and provides two-way, hi-speed communication. The 0404 USB is NOT powered via USB and uses an external power adapter in order to maintain the highest level of audio quality. When using a USB 1.1 port, performance is limited to 16-bit and 44.1/48 kHz recording and playback.

## 8. Power: 5 Volts DC

The 0404 USB is powered from a +5VDC Adapter (supplied).