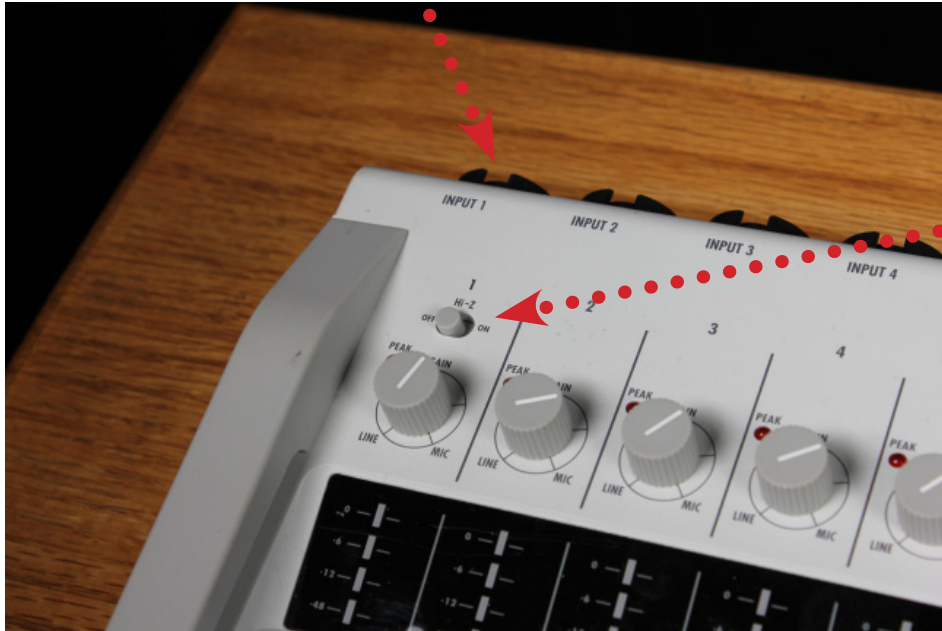


# Zoom R16 Operating Guide

There are 8 line/mic inputs on the R16, which will accept either an XLR or 1/4in male plug.



High impedance sources, such as an electric guitar, **MUST** be plugged in to input 1, as this is the only input with a “Hi-2” function. If a high-impedance source is plugged in to input 1, make sure the Hi-2 switch is in the ON position.

Only inputs 5 and 6 are able to give 48v phantom power. If your microphone requires phantom power, be sure it is plugged into either input 5 or 6, and the “Phantom” switch is in the ON position





Built-in microphones are located on either side of the R16, in the corners, marked as inputs 7 and 8.

In order to utilize the built-in microphones, the MIC switch must be set to the ON position. This will activate the built-in microphones and deactivate the external inputs.



The buttons at left toggle the R16's menus. The most important buttons on this panel are PAN/EQ, TOOL, PROJECT, and UNDO/REDO



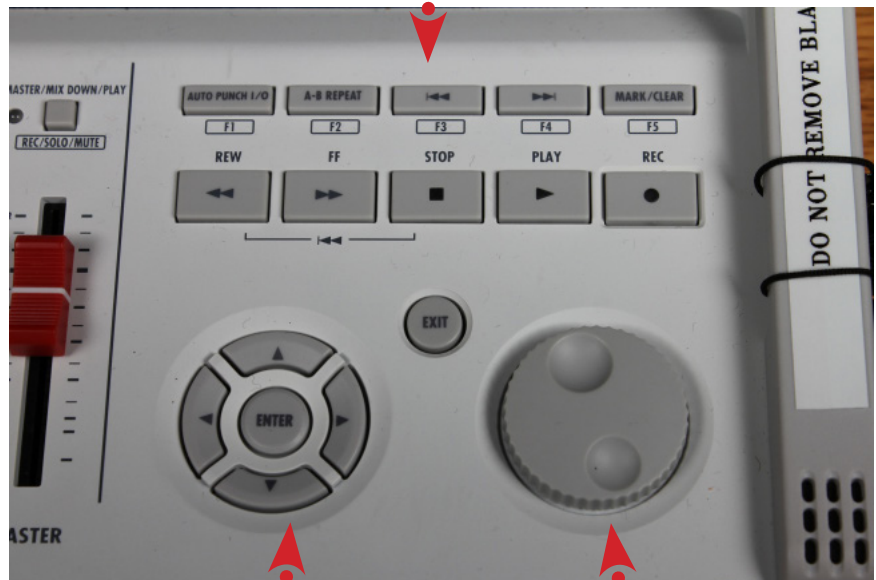
DC Power in

Power switch

1/4in balanced output jacks for use with speakers.

1/4in Headphone output. This output has its own volume control located next to it, so be sure to check the volume when monitoring with headphones.

Transport controls: in order to record, you must hit the REC and PLAY buttons at the same time

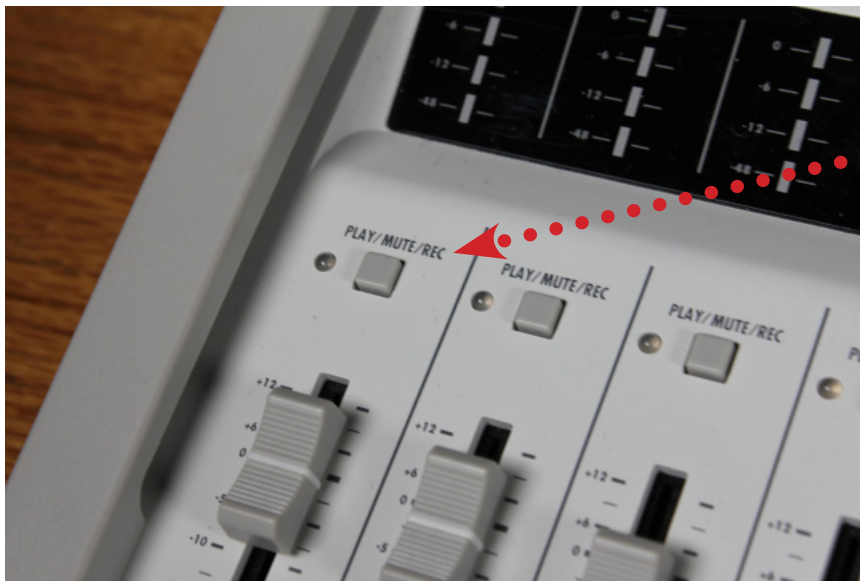


These two areas control the menu. The circular object is the scroll wheel.



The knobs pictured at left are the input volume control knobs, beneath which are the volume indicator lights, which light up green, orange, and red as your levels approach clipping. Your input source volume should not exceed -6dB.





The PLAY/MUTE/REC button determines what will happen to the track when playback is initiated. The light to the left of the button will change color to indicate the selected function.

GREEN: track will PLAY during playback.

RED: track will record during playback.

OFF: track will do nothing during playback.

Pictured at right are the faders, which control recording levels, as well as volume levels during playback through headphones/speakers. These do NOT control the volume of what is being recorded. Only the volume knobs and indicator lights control the volume of what is being recorded.



SD Card slot. Do not remove the SD card unless you are extracting your data from it.

USB Connection for computer. Gelardin recommends using the SD card in a separate card reader for extraction of data.