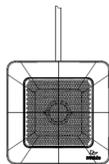


## **YAMAHA** Elite Wired Microphones—Quick Guide



Revolabs Elite Wired Microphones have a 15 feet cable attached that splits into two three-wire ends, one for audio connection, the other for external control. Please see the diagram for the polarity on these wires.

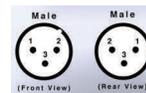
### Audio Connection:

For the audio connection, connect the red wire to the positive (+) microphone input of the DSP or audio equipment you use with the microphone. Connect the black wire with the negative (-) input and the shield to ground.



When connecting to a male XLR connector, use the following graphic:

- |                     |             |                  |              |
|---------------------|-------------|------------------|--------------|
| 1 – Ground / Shield | (grey wire) | 2 – Positive (+) | (red wire)   |
|                     |             | 3 – Negative (-) | (black wire) |



The Elite Wired Microphone includes active electronic circuitry, and requires Phantom Power to be provided from the device the microphone is connected to. The Elite Wired Microphone requires a phantom voltage between 9 and 48V DC, with a maximum draw of 2mA.

### Control Connection:

The green wire of the control connection is pulled to ground (falling edge, low) when the button is pressed. The blue wire controls the LED color on the microphone when external control is selected. Different LED colors are achieved by providing either ground, or +3.3V to +5V .

The microphone has 6 dip switches below the bottom door controlling functionality. Factory preset uses the button to control mute locally, a red LED indicating a muted microphone, and pressing the button toggles between muted and unmuted state. See the documentation for all possible settings of the DIP switches.



To install the Elite microphones permanently using the mounting kits, remove the bottom of the microphone by inserting a screwdriver in the opening, pushing the latch to release the bottom plate. The microphone can now be connected to the mounting kit. For the full product documentation, please visit <https://uc.yamaha.com/resources/support/>