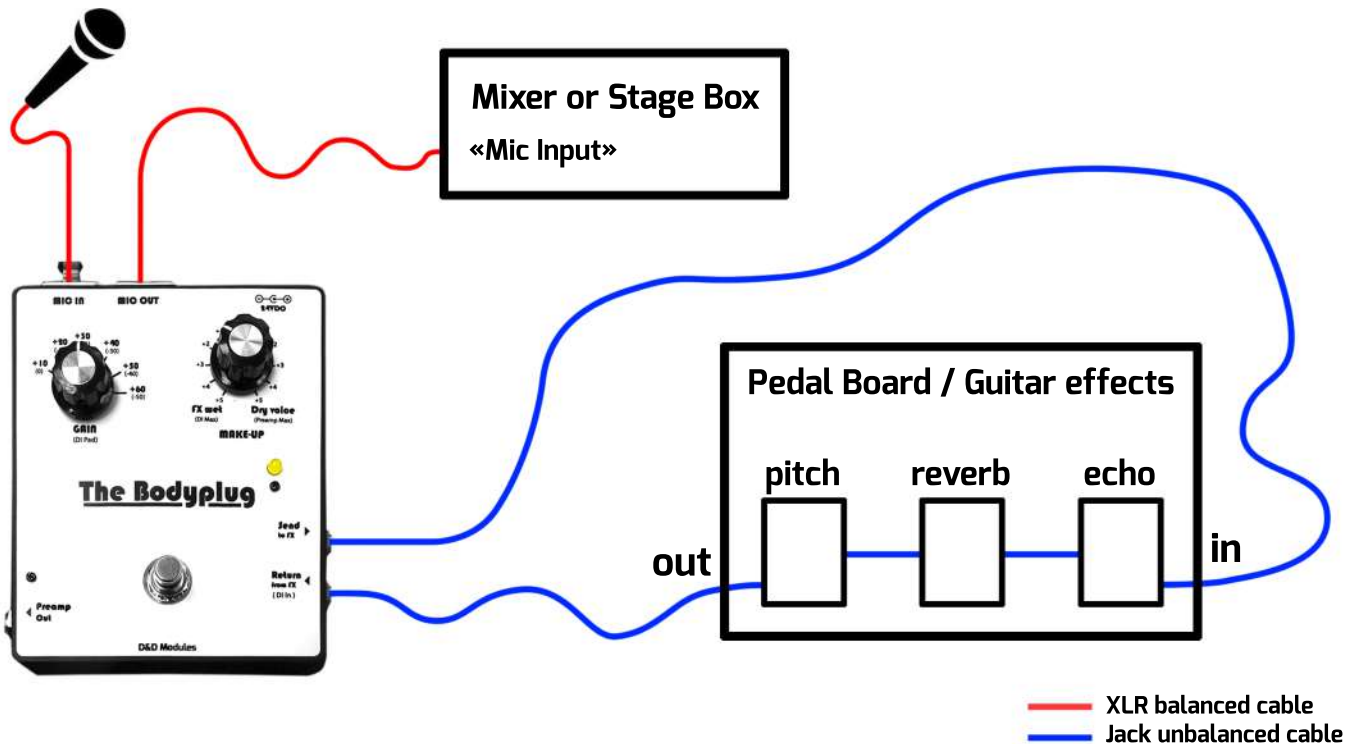


# The Bodyplug

## - D&D Modules -

### 1 - Basic Set-Up, Microphone through guitar pedal effects / Live



This is how the Bodyplug is supposed to be used.

The Bypass switch cuts the effects loop and the voice is unaffected when the light is off. When the yellow light is on, the effect loop is on.

The effected signal and the dry voice can be balanced with the 'Make-up' knob so the proportion of effected and non-effected signals can be adjusted.

With a standard dynamic microphone like an SM58 or a beta 58 the Gain will usually be set at '+20' or '+30'. At '+40' some distortion starts to appear, especially on loud transients, '+50' makes an obvious distortion and '+60' makes a great sounding crunch kind of telephone effect. Singers who want a very clean sound will set the gain at '+20' especially with louder microphones such as a beta 58. Singers using a lower level microphone such as an SM58 and singers with a soft voice can comfortably set the gain at '+30'. And screamers who don't want any distortion will choose the extreme '+10' gain setting.

## 2 - High-end Class A microphone preamplifier / Studio



**Soundcard**  
«Line Input»

The Gain switch sets the amplification of the preamplifier, it has 6 positions from +10 to +60dBs.

The Make-Up knob sets the output level of the preamp. So you can distort your input and attenuate the output. Counter-clockwise toward the 'fx wet' direction is '0' level so no sound at the output, clockwise toward the 'dry voice' direction is 'max' output level.

— XLR balanced cable  
— Jack unbalanced cable

## 3 - DI Box / Live and Studio



**Mixer /  
Stage Box /  
or Mic preamp**  
«Mic Input»

Plug your Hi-Z instrument or your synthesizer into the 'Return' input and use the 'Mic Out' output as a DI out.

The 'Gain' switch becomes a Pad and you can attenuate the signal by

10dB steps. For guitar or passive bass, set the 'DI PAD' to '-10' and set the 'Make-up' knob counter-clockwise toward the 'DI Max' direction. You can also set the 'DI PAD' to '0' and trim the level with the 'Make-Up' knob, the more clockwise the more the attenuation.

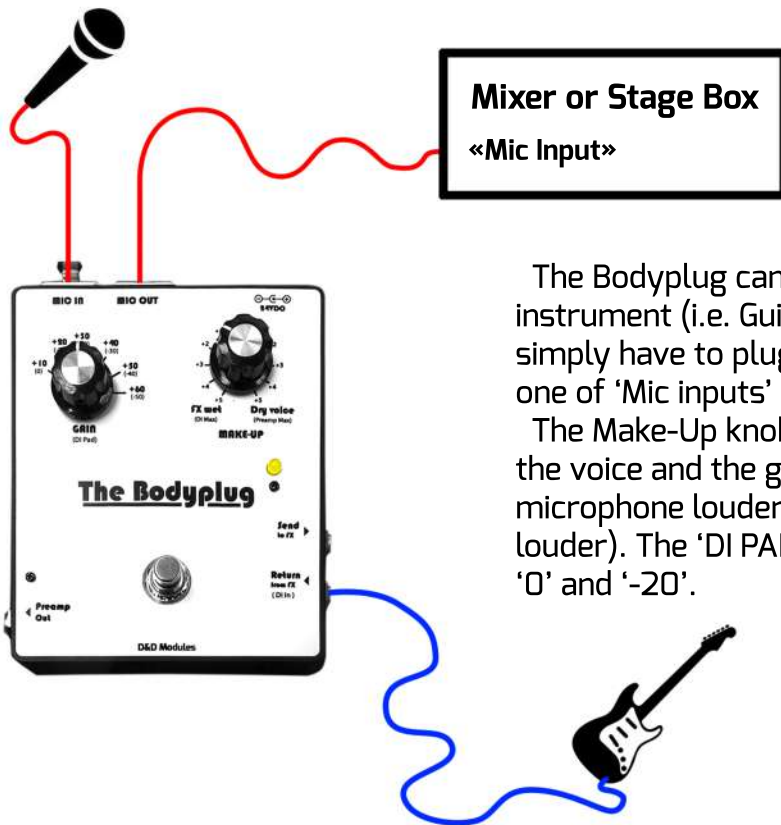
For a high level like a synth, a drum machine, a line or any +4dB pro-audio source, the 'DI PAD' should be set to '-30' and the 'Make-Up' knob fully counterclockwise. Even better is to set the 'DI PAD' to '-20' and to trim the level with the 'Make-Up' knob somewhere between '0' and '+3' toward the counterclockwise ('Fx wet') direction.

The '-40' and '-50' DI PAD positions will almost never be used in real life.



— XLR balanced cable  
— Jack unbalanced cable

#### 4 - Microphone + instrument mixer / Live

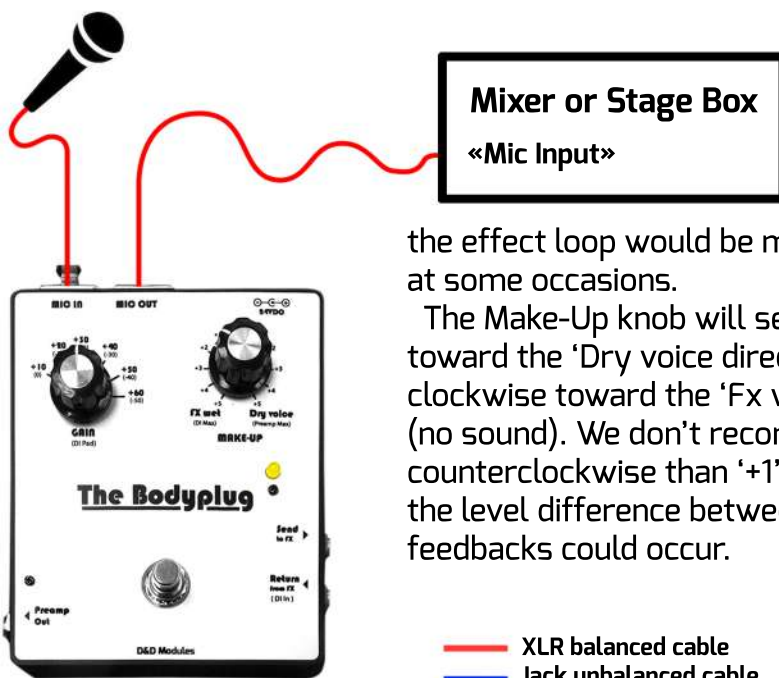


The Bodyplug can be used to mix a microphone and an instrument (i.e. Guitar, Bass or Synthesizer). You will simply have to plug the 'Mic Out' of the Bodyplug into one of 'Mic inputs' of the mixer.

The Make-Up knob will let you mix the level between the voice and the guitar («Dry Voice» direction makes the microphone louder, and «FX wet» makes the instrument louder). The 'DI PAD' should be set somewhere between '0' and '-20'.

— XLR balanced cable  
— Jack unbalanced cable

#### 5 - Vocal attenuator (inverted booster) / Live



When the bypass light is on, the signal is attenuated, when it's off the signal is at its full level. It can be perturbing to get a lower level when the light is on, so using a booster in the effect loop would be more convenient, but this setup can help at some occasions.

The Make-Up knob will set the attenuation level. Fully clockwise toward the 'Dry voice direction' is 'no attenuation'. Fully counterclockwise toward the 'Fx wet' direction is 'complete attenuation' (no sound). We don't recommend to set the attenuation more counterclockwise than '+1' in the 'Dry voice' direction, otherwise the level difference between the 2 modes would be too big and feedbacks could occur.

The Make-Up knob will set the attenuation level. Fully clockwise toward the 'Dry voice direction' is 'no attenuation'. Fully counterclockwise toward the 'Fx wet' direction is 'complete attenuation' (no sound). We don't recommend to set the attenuation more counterclockwise than '+1' in the 'Dry voice' direction, otherwise the level difference between the 2 modes would be too big and feedbacks could occur.

— XLR balanced cable  
— Jack unbalanced cable

#### 6 - ?

- Maybe it is you who will find a 6th clever way to use The Bodyplug ?