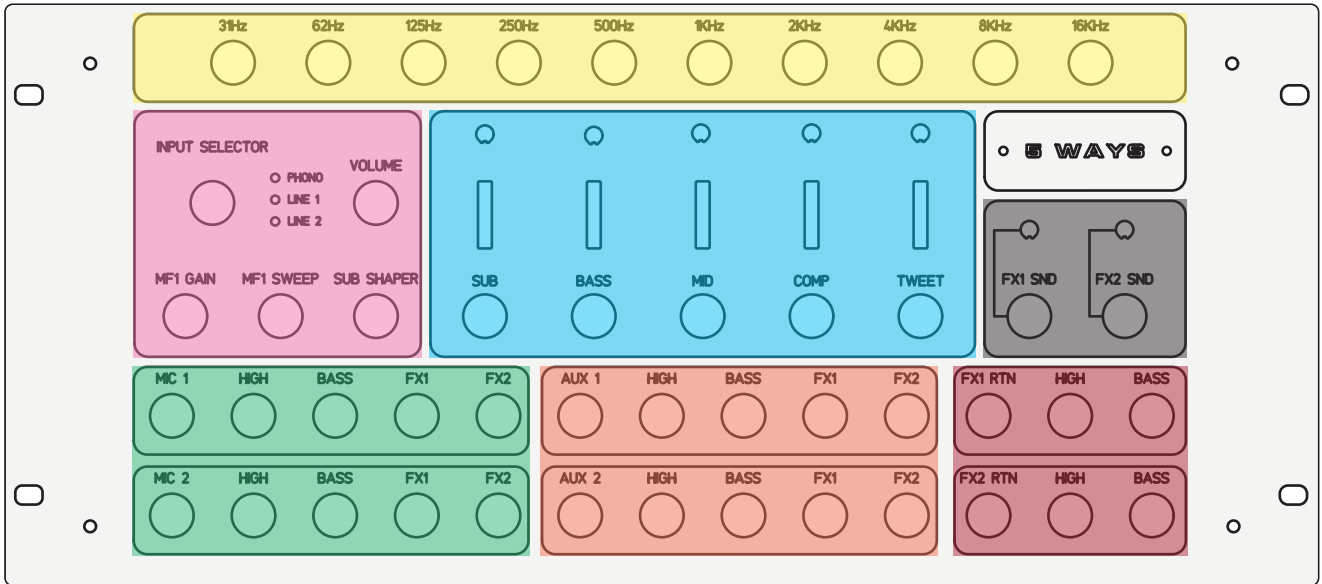
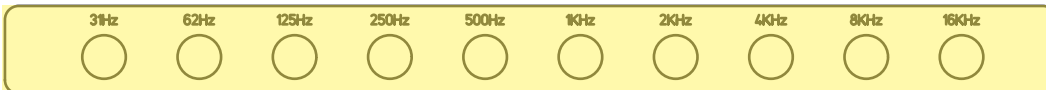


# JB PRE-AMP 5 WAYS

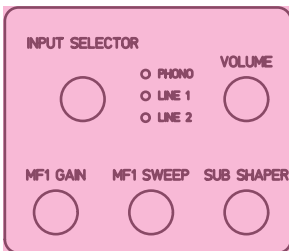


## - 10 BANDS GRAPHIC EQUALIZER :



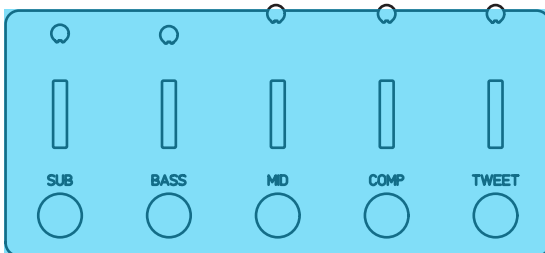
It adjusts the sound selected by the input selector, the sound does not change if the rotary knob is in the middle. It can increase or decrease the volume of each frequency band with the assigned rotary knob, the chosen frequency band increases by 15db when the knob is turned fully to the right and decreases by 15db when the knob is turned to the left

## - INPUT SELECTOR + PARAMETRICS EQUALIZER :



-INPUT SELECTOR have 3 positions, it selects the musical source that you want to listen, a light indicates the chosen source : phono, line 1 or line 2 (CD player, mixing desk or computer can be plug on line inputs) VOLUME adjusts the input level of the selected source, there is no sound when the knob is fully turned to the left and the input level is at the maximum when the knob is fully turned to the right.  
 -MF1 GAIN and MF1 SWEEP work together as a mid-high semi-parametric equalizer. The sound does not change when MF1 GAIN is fully turned to the left. MF1 SWEEP determines the frequency (to the left for low frequencies and to the right for high frequencies). The frequency determined by MF1 SWEEP increases when MF1 GAIN is turned to the right.  
 -SUB SHAPER changes the tone of the sub frequencies, a deeper sound when knob is turned on the left and more punchy when knob is turned on the right.

## - 5 WAYS CROSSOVER :

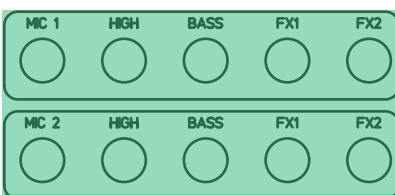


The pre-amp has an internal active filter composed of 5 ways :  
 SUB / BASS / MID / COMP / TWEET

Each way of the active filter is constituted of the following elements:

- A rotative knob to adjust the output volume, there is no sound when the knob is turned to the left and the sound is at the maximum when the knob is turned to the right.
- A mute switch which allows enabling or disabling the sound, sound is muted when switch is placed at the top and sound is on when switch is placed at the bottom.
- A signal 10 leds vu-meters.

## - 2 x MICROPHONE INPUTS :



Each microphone input have 5 control knobs :

- MIC 1 (or MIC 2) is the volume of each microphone, there is no sound when the knob is turned to the left and the sound is at the maximum when the knob is turned to the right.
- HIGH increases the high frequencies of the microphone when the knob is turned to the right and decreases the high frequencies when the knob is turned to the left. The sound does not change when the rotary knob is in the middle.

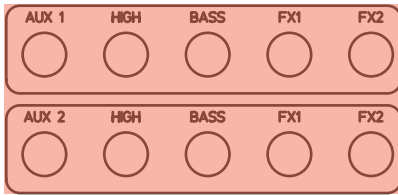
-BASS increases the bass frequencies of the microphone when the knob is turned to the right and decreases the bass frequencies when the knob is turned to the left. the sound does not change if the rotary knob is in the middle.

-FX1 sends the sound of the microphone to the effect 1 plugged to the preamp, The sound does not change when the rotary knob is fully turned to the left and the effect is heard when knob is turned to the right.

-FX2 sends the sound of the microphone to the effect 2 plugged to the preamp, the sound does not change when the rotary knob is fully turned to the left and the effect is heard when knob is turned to the right.

Microphone volumes are not affected by the master volume and the volumes and switches of the crossover section.

**- 2 x AUXILIARIES INPUTS :**



Auxiliaries inputs are line level inputs where you can connect dub sirens, sound effect generators, samplers, keyboards or other musical instruments with a line output.

Each auxiliary input have 5 control knobs :

- AUX 1 (or AUX 2) is the volume of each auxiliary, there is no sound when the knob is turned to the left and the sound is at the maximum when the knob is turned to the right.
- HIGH increases the high frequencies of the auxiliary when the knob is turned to the right and decreases the high frequencies when the knob is turned to the left. The sound does not change if the rotary knob is in the middle.

-BASS increases the bass frequencies of the auxiliary when the knob is turned to the right and decreases the bass frequencies when the knob is turned to the left. The sound does not change if the rotary knob is in the middle.

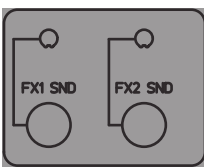
-FX1 sends the sound of the auxiliary to the effect 1 plugged to the preamp, the sound does not change when the rotary knob is fully turned to the left and the effect is heard when knob is turned to the right.

-FX2 sends the sound of the auxiliary to the effect 2 plugged to the preamp, the sound does not change when the rotary knob is fully turned to the left and the effect is heard when knob is turned to the right.

Auxiliaries volumes are not affected by the master volume and the volumes and switches of the crossover section.

Auxiliaries inputs are not routed to the Sub crossover section. This means that no signal from any of the auxiliaries will go to the sub output.

**- 2 x FX SENDS :**

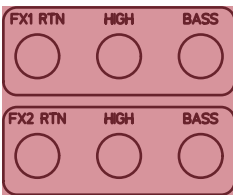


-FX1 sends the music selected by the input selector to the effect 1 plugged to the preamp, the sound does not change when the rotary knob is fully turned to the left and the effect is heard when knob is turned to the right.

-FX2 sends the music selected by the input selector to the effect 2 plugged to the preamp, the sound does not change when the rotary knob is fully turned to the left and the effect is heard when knob is turned to the right.

Both FX Sends are associated to a mute switch which allows enabling or disabling the sound, sound is muted when switch is placed at the top and sound is on when switch is placed at the bottom.

**- 2 x FX RETURNS :**



2 effect units (delay, reverb, echo...) can be plugged to the preamp. FX RETURNS control the volume and the tone of the signal that comes back from the effect unit.

-FX1 RTN (or FX2 RTN ) is the volume of each effect, there is no sound when the knob is fully turned to the left and the sound is at the maximum when the knob is fully turned to the right.

-HIGH increases the high frequencies of the effect when the knob is turned to the right and decreases the high frequencies when the knob is turned to the left. The sound does not change if the rotary knob is in the middle.

-BASS increases the bass frequencies of the effect when the knob is turned to the right and decreases the bass frequencies when the knob is turned to the left. The sound does not change if the rotary knob is in the middle.

**THE 5 WAY OUTPUTS CAN BE LINKED TOGETHER TO PLAY 4 WAYS, 3 WAYS OR 2 WAYS**

**ALL INPUTS AND OUTPUTS ARE JACKS MONO 6.35, EXCEPT THE PHONO INPUT (RCA)**

