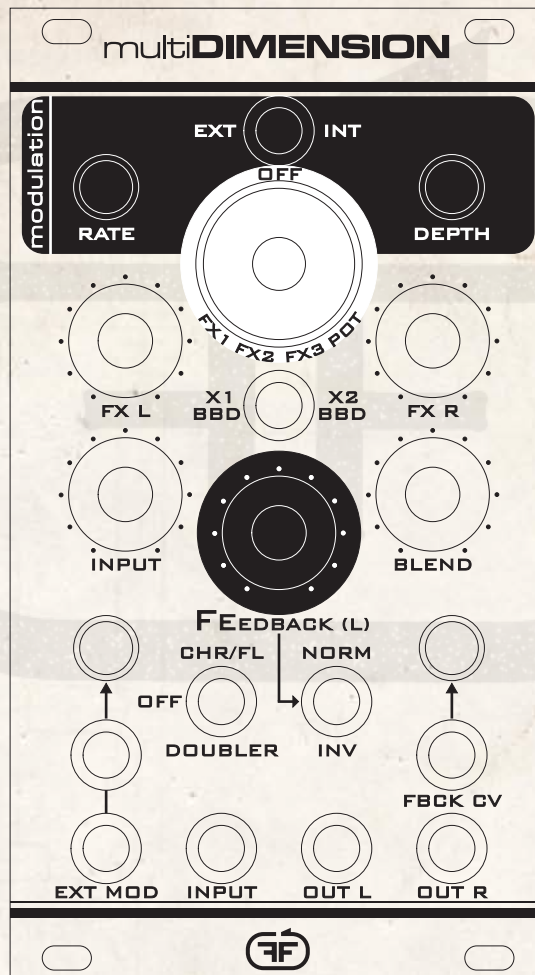
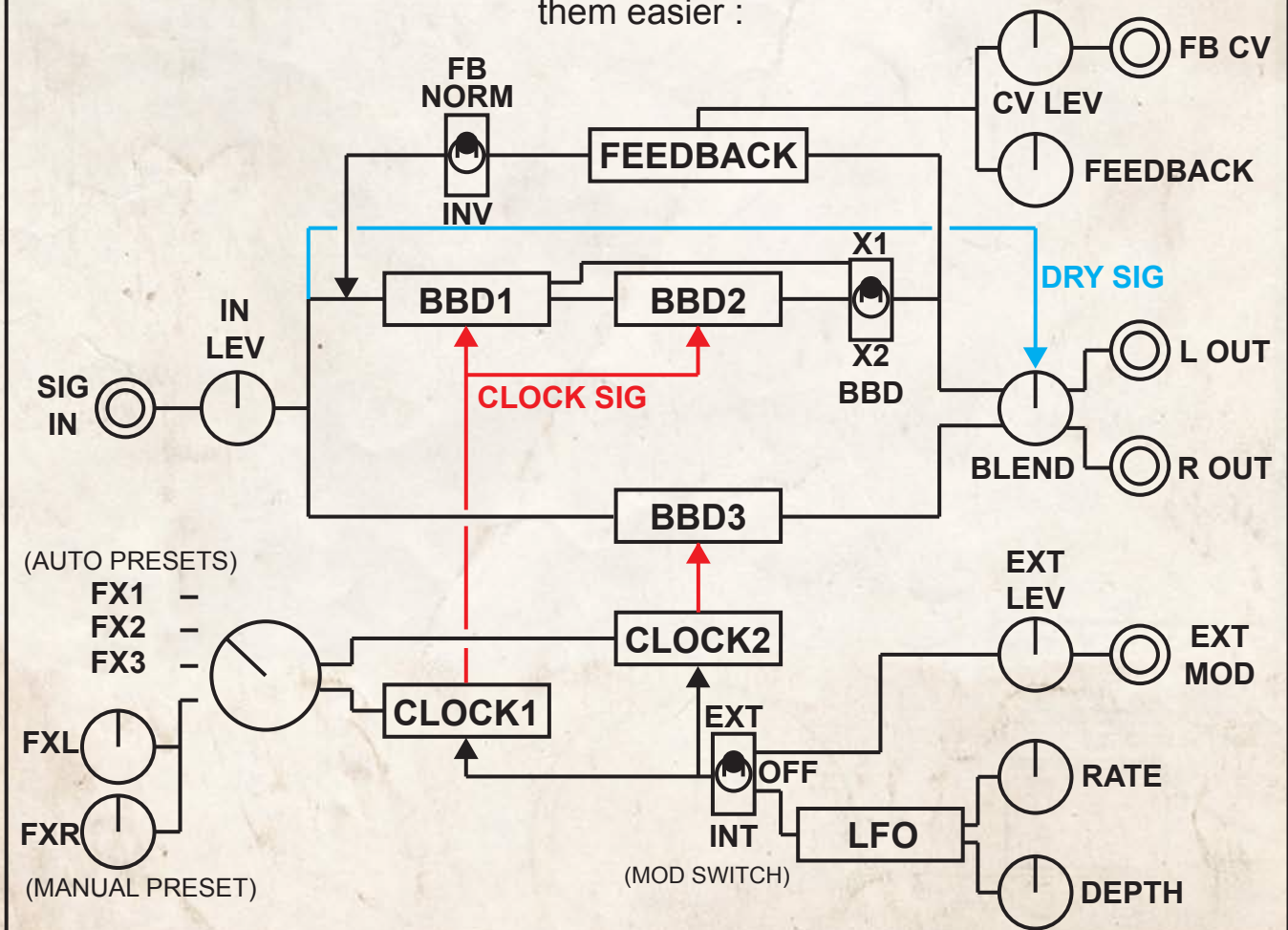


MULTI DIMENSION - User Manual



Before explaining the module functions, a diagram will make you understand them easier :



MULTI DIMENSION - User Manual

- > INPUT jack - input signal of the module
- > INPUT pot - input level
- Input level can also work as a gain, interesting harmonics can be achieved if you set the level high
- > BLEND pot - blends the fx signal with the original signal
- You will not have only dry signal, blend pot just amplify the fx signal from less intense to intense fx. The internal design is quite complicated, so we had to choose this type of blend to reduce parts and pots.
- > FEEDBACK pot - works as any standard feedback
- As you can see in diagram feedback section it's taking signal only from the left channel. The feedback will not be stereo. This setup was chosen because it's an analog bbd design, not digital, you will not have proper stereo effect with feedback on both channels. Just switch the module to mono.
- > FB NORM/INV switch - inverts the polarity of the feedback signal
- > FBCK CV jack - you can modulate the feedback with external waveforms
- > FBCK CV pot - level for feedback cv
- > PRESET SWITCH - the preset switch have 4 positions. The first three are standard stereo presets : FX1-flanger, FX2-flanger, FX3-chorus
POT-you can set idependently the time for L channel and for the R channel
- It's cool you can leave your manual preset untuched and switch to standard chorus or flanger anytime. We studied various 80s pedals clock times and we chose the most interesting ones
- > X1,X2 BBD switch - on position one it will be just one bbd. On position X2 another BBD will be inserted in series and it will double the time, it will act like a short delay. This works only on L channel, again if we used the same setup on R channel, it will end with a mess, not with a stereo sound. Switch the module to mono when you want to use long times and X2 BBD.
- > MOD switch EXT/OFF/INT - this will activate internal lfo or external modulation
- > EXT MOD jack - here you can plug external lfo or vco. The module will go in fm area with high pitch modulation. The other jack it's just a linked jack you can pas the modulation source to another module
- > EXT MOD pot - sets the level for the external modulaton
- > RATE pot - sets the frequency of the internal lfo from 150miliHz to 50Hz
- > DEPTH - sets the depth of the lfo
- Set PRESET switch to FX3, RATE to 12'6 clock and DEPTH to maximum, FEEDBACK to minimum and the effect to stereo. This is a famous chorus effect from the 80s
- > CHR.FL/OFF/DOUBLER switch - sets the effect to stereo, bypass or mono
- Some pot positions will sound good in stereo, some in mono. We decided for this feature to avoid re-routing the mixerser. If FX is set to mono L channel will be mixed to R channel.
- > OUT L, OUT R jacks - these are the outputs of the module