

MODULAR CHANNEL STEREO MODEL 8755DM

INST/MIC/LINE 1 - switch selects the input signal. MIC-20/LINE 2 - 3 position switch, only active when the input switch is set to 'MIC', default position middle (mic in - no pad). Selecting LINE 2 selects the LINE 2 inputs on the rear panel which go through the input transformers and preamps.

INPUT Control - controls the input level. This control can be set to allow headroom for the eq, filters, and compressor, or driven

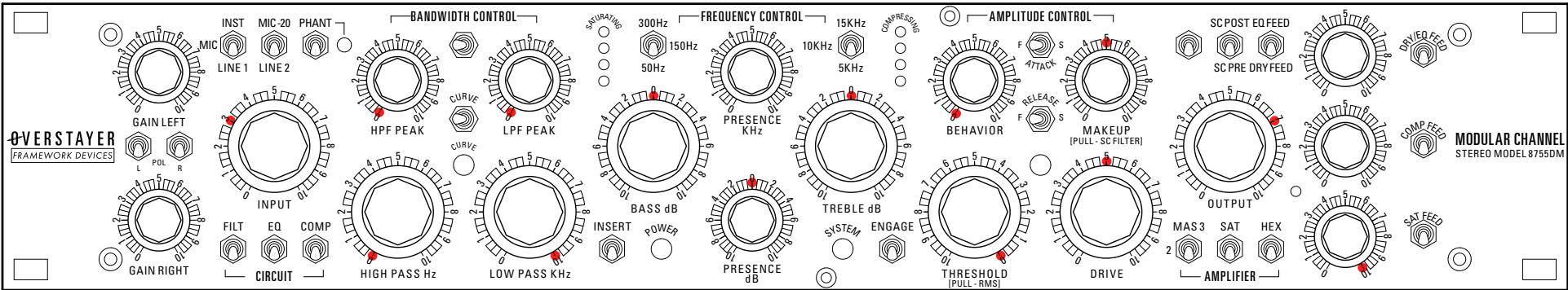
HIGH PASS/LOW PASS FILTERS - self oscillate at **PEAK (resonance) settings greater than 8**. The peaks have substantial amounts of gain, when adding (especially HPF) use the INPUT control to allow ample headroom

3 BAND EQ - high and low shelves and fully sweepable mid band. The bands also have substantial amounts of gain, when adding (especially low) use the INPUT control to allow headroom

PEAK/RMS COMPRESSOR - start with BEHAVIOR at 0, adjust THRESHOLD for compression, then raise BEHAVIOR to 'magnify' the envelope. Pull THRESHOLD for RMS (attack and release disabled)
Unity for MAKEUP is 5 - this control has an extreme amount of gain (and distorts well!!)

FLOATING SWITCH- Engages a final output **CEILING limiter ****
SC POST/PRE - determines where the compression detector is fed, either pre filters, or post eq
EQ FEED/DRY FEED - determines whether the

DRY FEED - dry fader (pre or post eq)
COMP FEED - fed directly from the compressor pre drive control and saturation
SAT FEED - the full signal path, filters - eq -drive stages
The FEED pots are attenuators, **unity is 10**



GAIN LEFT/RIGHT - Independent controls set the gain of the instrument/mic amp before the stereo INPUT control

FILT/EQ/COMP - Switches engage each section into the main signal path

CURVE - curve shapes the distortion response of the unit, the default mode being on (right)

ENGAGE - Master bypass switch
INSERT - External insert point (**will mute the signal on the SAT FEED if nothing is patched**)

DRIVE - Sets the amount of harmonics/saturation through the MAS/SAT/HEX stages, **5 is unity**. This allows the harmonics stages to be driven without overdriving the preceding filters and EQ stages (using the INPUT level)

OUTPUT - final output control after the 3 FEED controls

AMPLIFIER STAGES - Engages the 3 harmonics amp stages, in series from highest to lowest headroom. ***MAS is a 3 way toggle to select stronger 2nd or stronger 3rd harmonic**

DRY/COMP/SAT FEED - switches to activate or mute each feed

When EQ and COMP are not in circuit (switches down), their inputs are fed directly from the input fader, and they are no longer in the main (SAT feed) signal path, and no longer feed or effect the DRIVE and harmonics amplifiers. Their respective output signals are then still available at the DRY/EQ feed, and COMP feed, now in parallel with the harmonics amplifiers (SAT feed).

OVERSTAYER
FRAMEWORK DEVICES