

# Recommended DSP Settings for Heil Microphones

To achieve maximum audio quality it is important to adjust the DSP settings of your transmitter when using Heil microphones. We present a few starting points for a few of the most popular transceivers. These are merely starting points. You should fine tune these settings based on your voice, acoustics and set up.

The only way to truly know how you sound to the outside world is to transmit into a dummy load and listen in a nearby receiver with quality headphones, such as the Heil ProSet. Listen in the same bandwidth you are transmitting in and then you will be able to fine tune your initial settings.

## Yaesu 1000 MP

Menu #4-4 (TREDSP)	3
Menu #5-9 (TFIL)	6.0
Menu #7-7 (SSBT)	100-3100
Menu #8-9 (TLSB)	-200
(PROCLSB)	.08 + .06
(TUSB)	-200
(PROCUSB)	.08 - .06
4 dB processing	

## Yaesu FT 100

Menu #25 Mic Gain	85
Menu #16 Mic EQ	3
Menu #64 XMT Carrier shift	-.05 to +.05
Menu #65 SMT Carrier shift	+.05 to -.05
Menu #27 Compressor level	80
64 and 65 carrier point is very important	

## Yaesu FT 2000/ FTdX 9000

note: The menu numbers are different, but the functions are identical

SSB TX Bandwidth	
Fidelity	200-2800 Hz
DX	400-2600 Hz
EQ1 Center frequency	200 Hz
bandwidth	2
level	-8 dB
EQ 2 Center frequency	900 Hz
bandwidth	2
level	-6 dB
EQ 3 Center frequency	2100 Hz
bandwidth	2
level	+8 dB

Processor: Off or On with low levels of compression

## Yaesu FT 450

Mic Gain	NOR (default setting)
Equalizer	2 (for everyday) 9 (for DX/Contest)