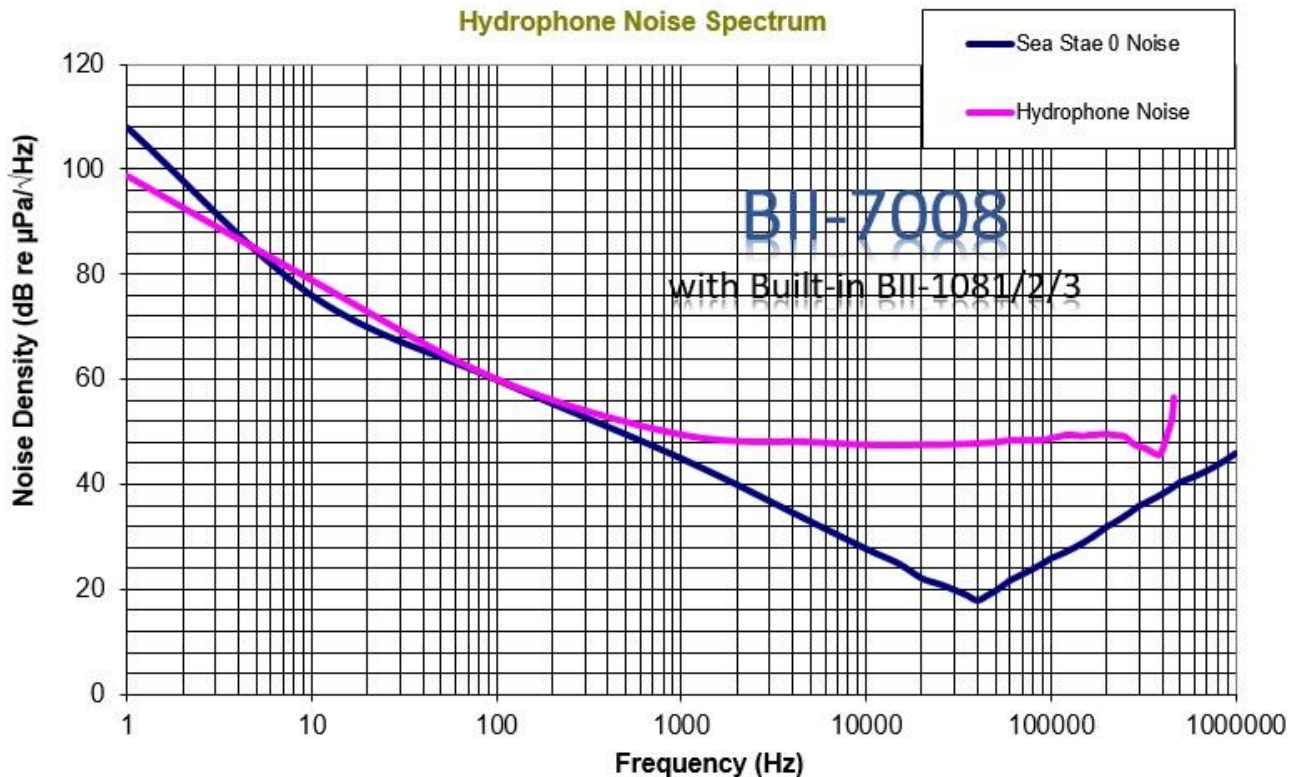
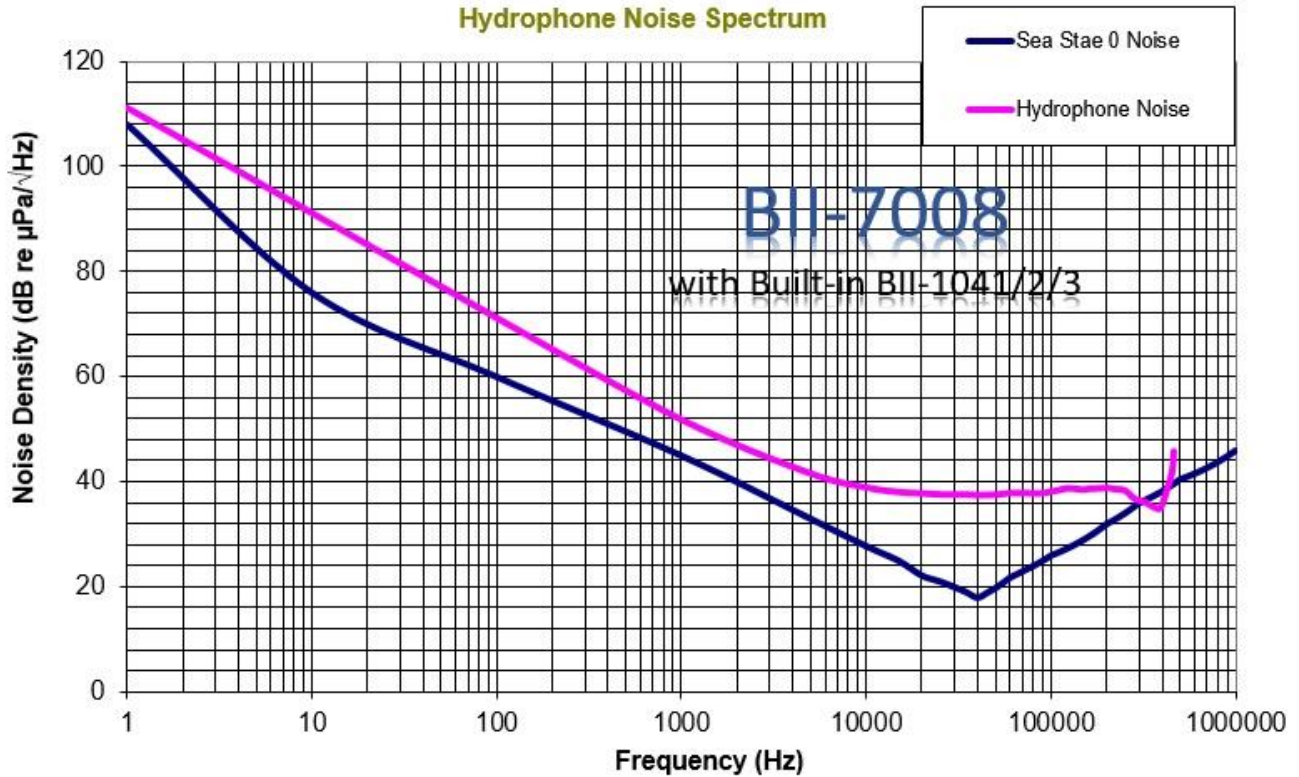
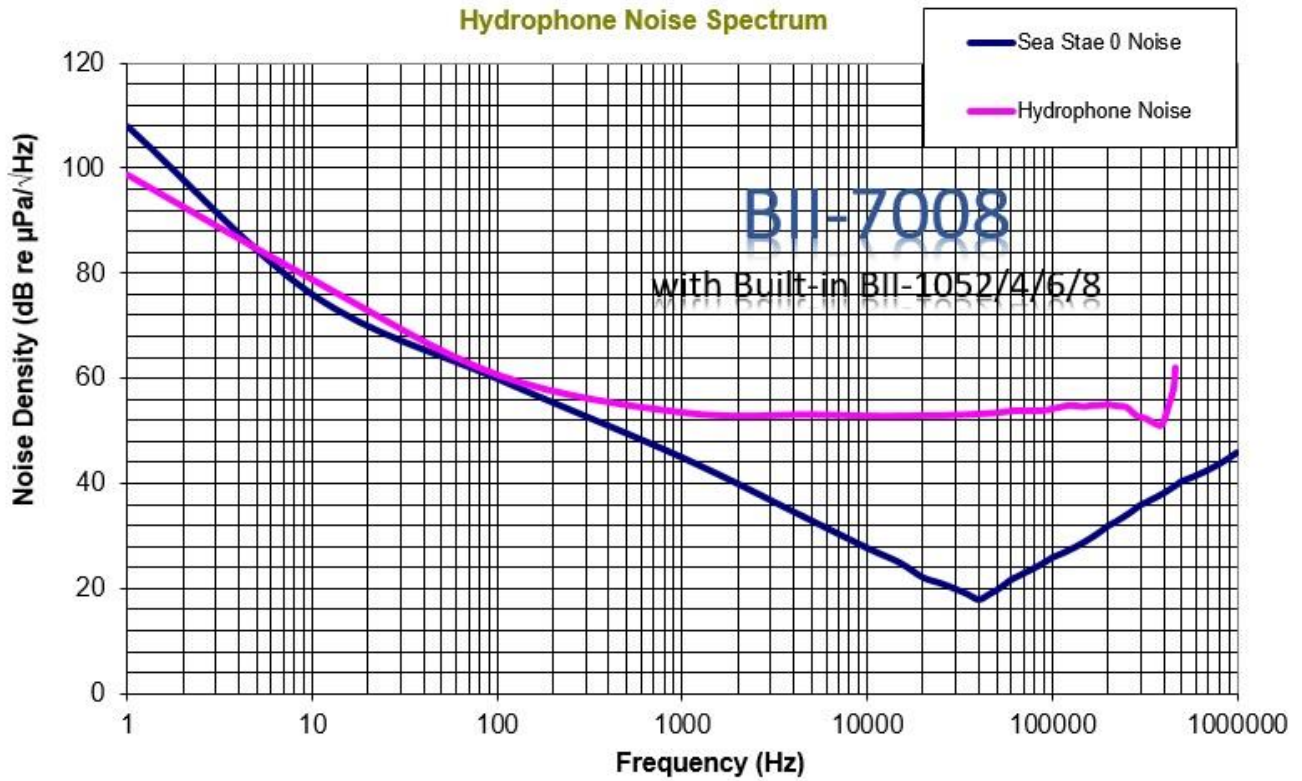
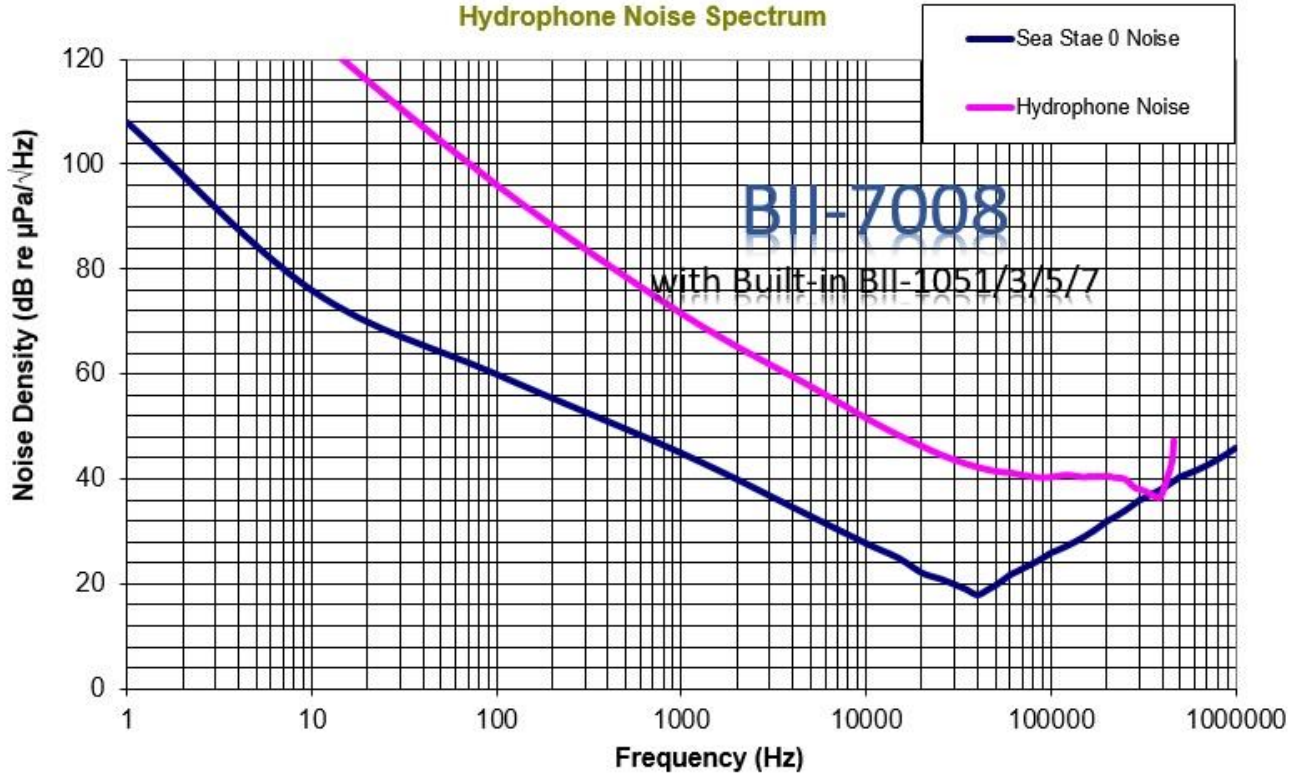


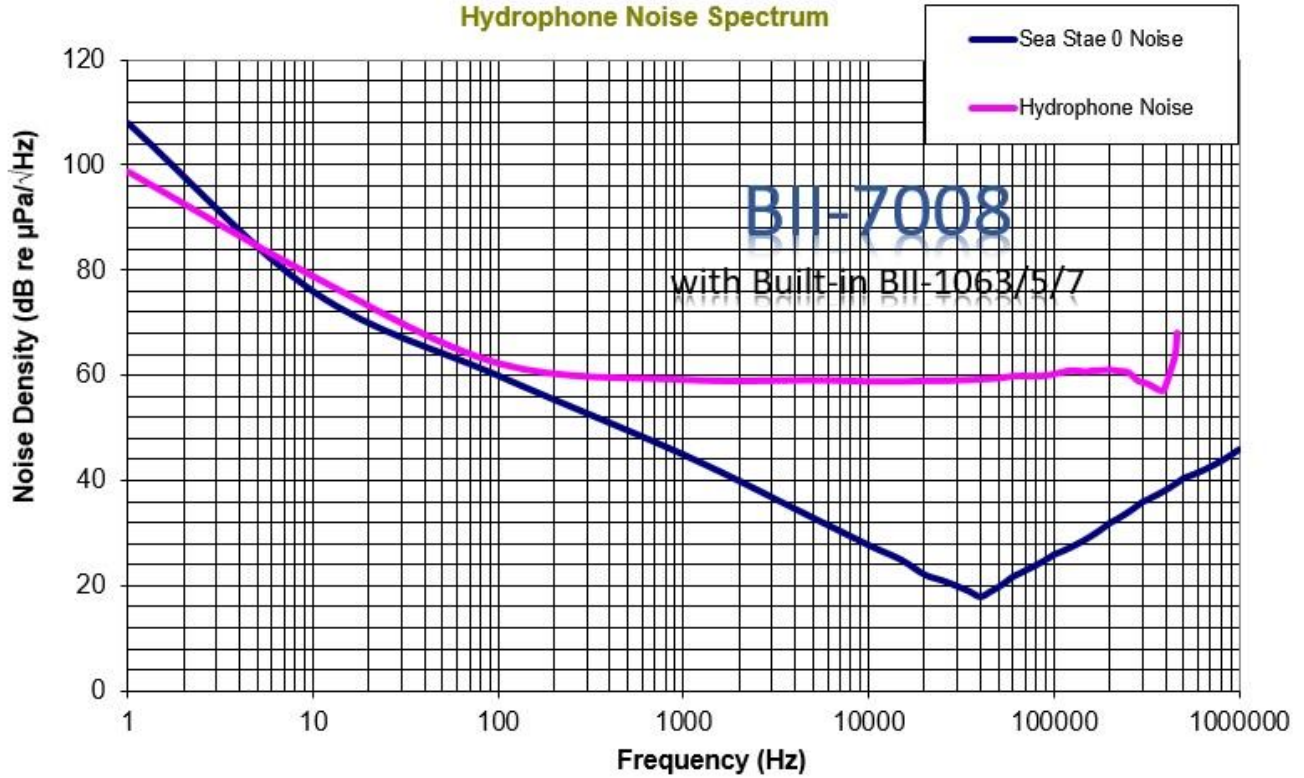
**BII-7008 Noise Density**

How to reduce noise level of hydrophones? Generally, a high pass filter (HPF), low pass filter (LPF) or bandpass filter (BPF) shall be specified to be built in the hydrophone preamplifier for rejecting the unwanted noises. Most of BII's preamplifiers have built-in filters, please refer to respective online datasheets for detail. For example, if your project deals with 100kHz Sonar signals, BII-1051/3/5/7 shall be considered with a built-in BPF whose fo is at 100kHz.





**Hydrophone Noise Spectrum**



**Hydrophone Noise Spectrum**

