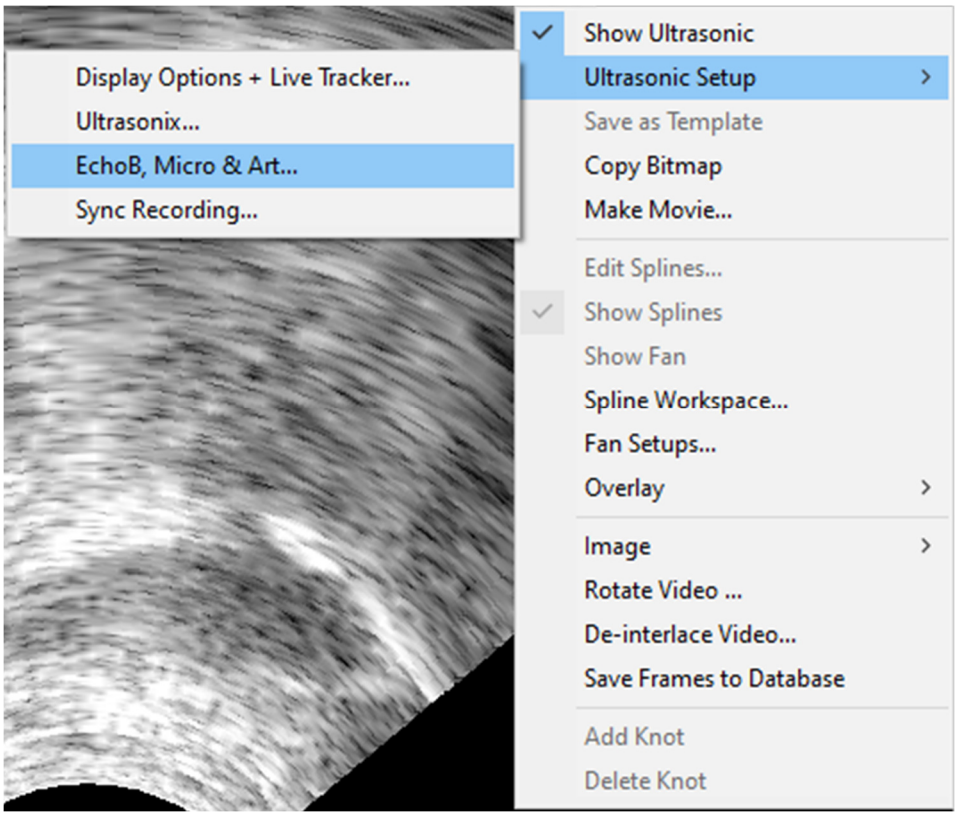
Setting memory allocation for recording Ultrasonic data

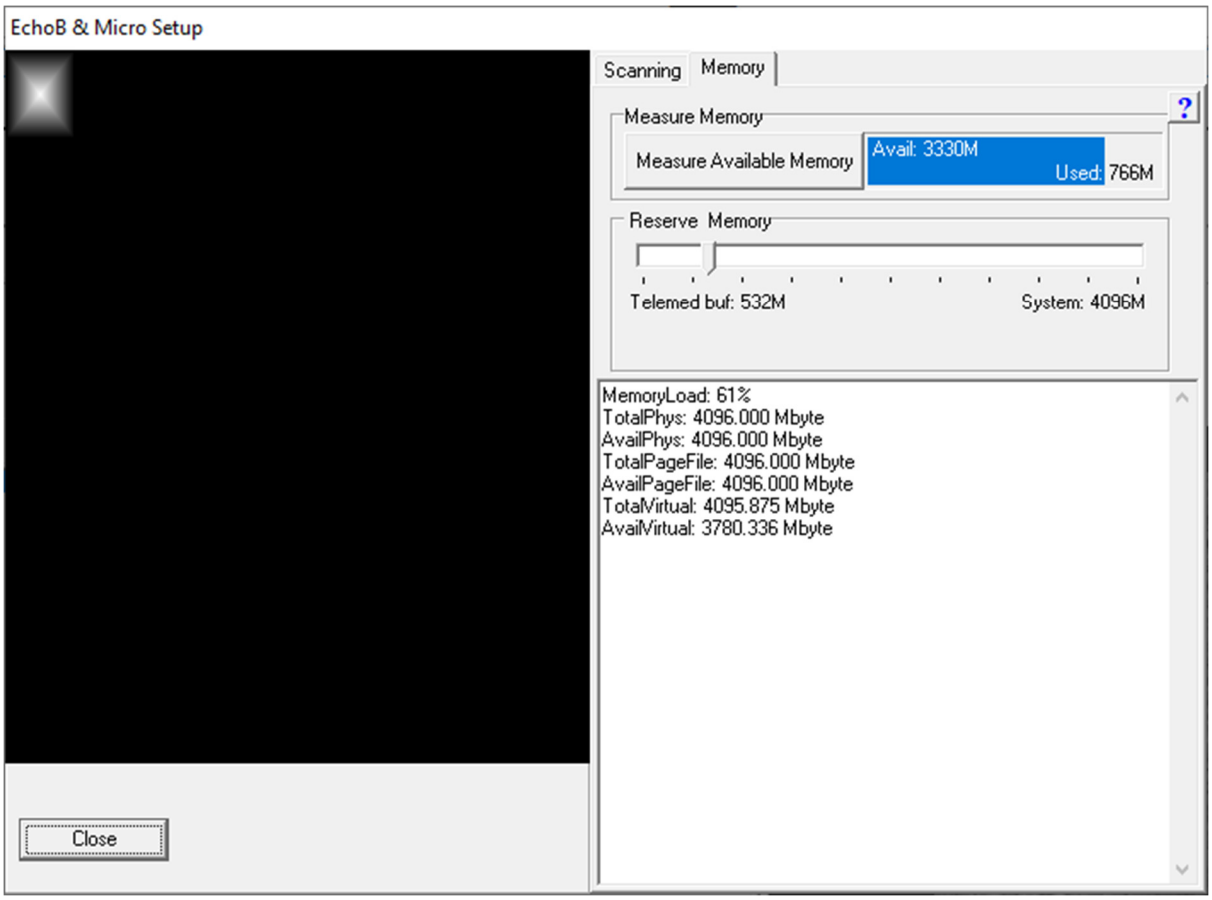
Right-click on the ultrasonic display without a recording loaded.



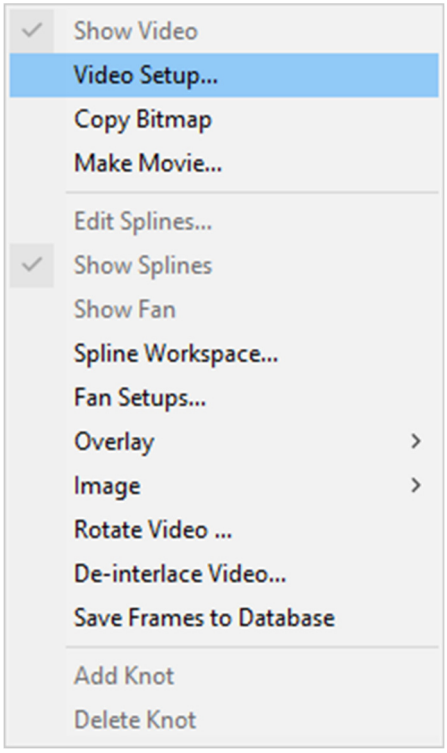
AAA has access to 4GB of memory as it is 32-bit code. It is not recommended to allocate more than half of that memory to ultrasonic and video data recording because other Windows programs may need it.

If you have a live ultrasound system connected, then the dialog below will show an estimate of the duration of ultrasonic data that corresponds to the selected memory allocation. This will depend on the system (EchoB, Micro, Art-c), the probe and other factors. As a rough estimate, the 532Mb allocated in the dialog below should record up to about 2 minutes of ultrasonic data.

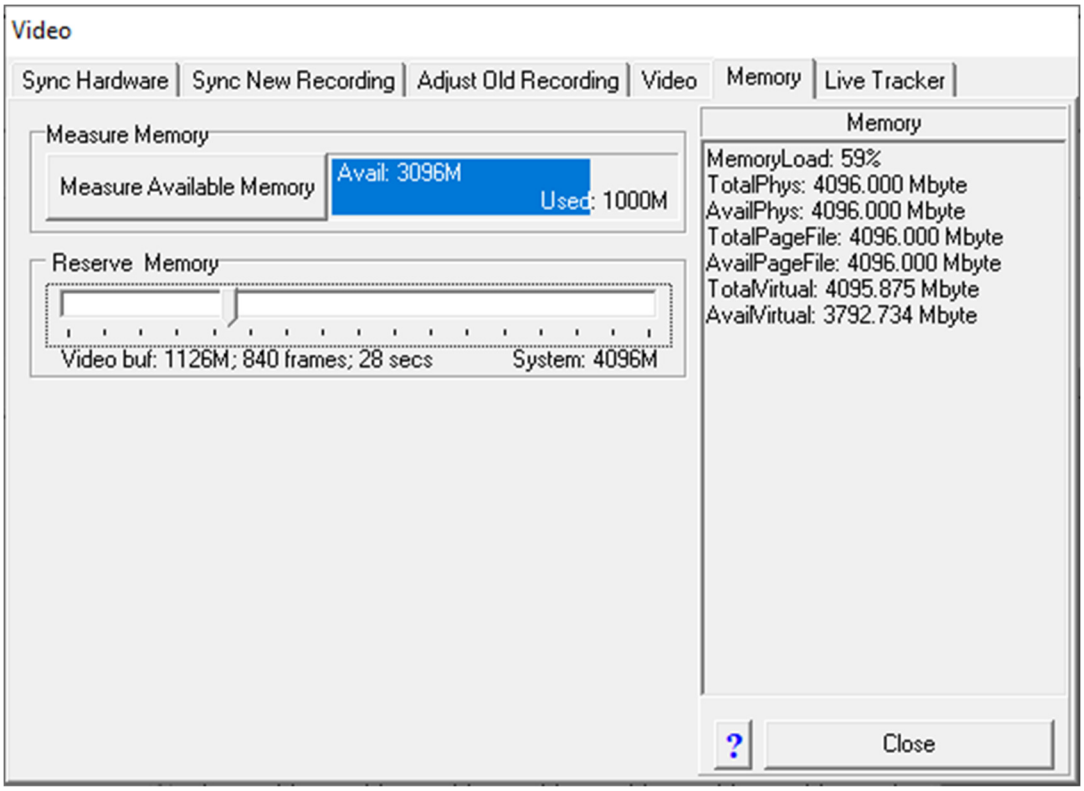
If the recording duration is longer than 2 minutes then there will be no ultrasound data stored after that point.



Setting memory allocation for recording Video data



If you have a camera connected showing a live video signal then the estimated time in the memory dialog will be accurate. The time in the dialog below is not accurate. It is recommended that video is always recorded in greyscale as colour require 3x the memory of greyscale. As a rough guide, the 1126Mb allocated below should equate to about 2 minutes



To record 2 minutes of greyscale video and ultrasonic data requires about 1.7Gb memory to be allocated (2 minutes of uncompressed 22kHz stereo audio is about 10Mb).