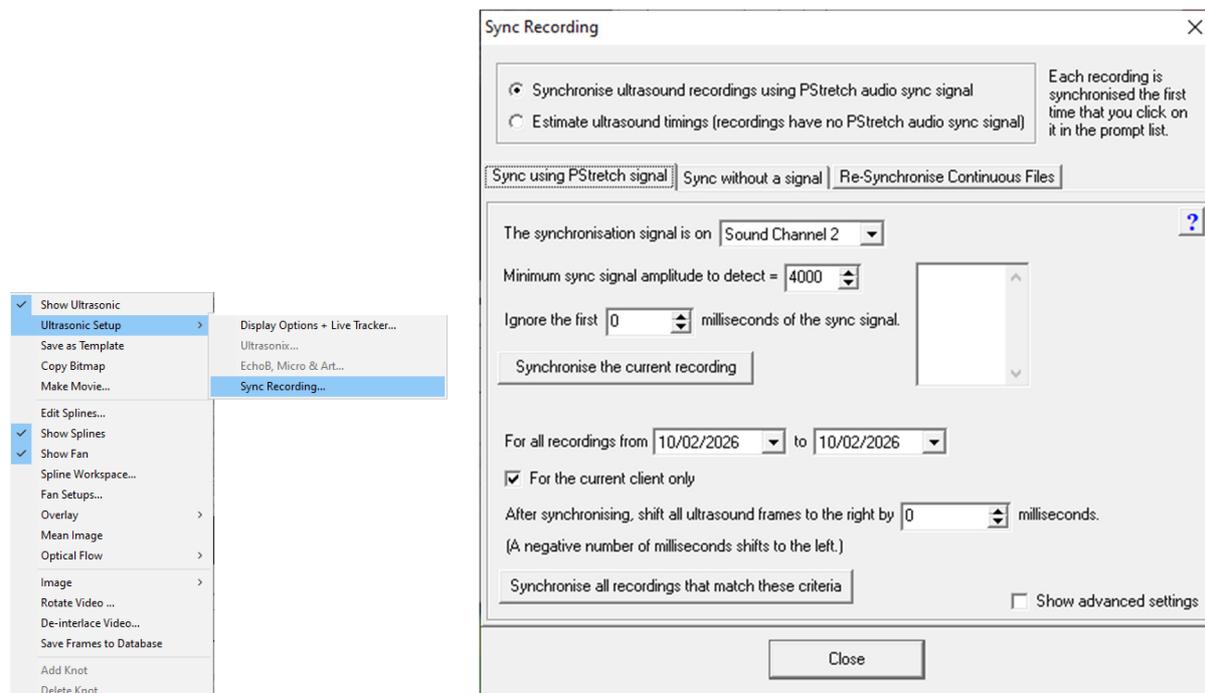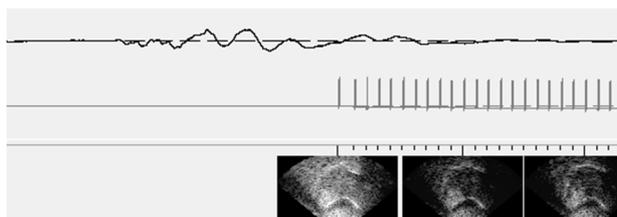# Batch synchronise ultrasonic data.

Ultrasonic data is automatically synchronised when loaded and viewed. It uses the Channel and minimum signal level parameters provided in the synchronisation dialog.



By default the PStretch will be connected to Channel 2 but if not then this will need to be changed to the channel being used for the recording. To check synchronisation, make sure each ultrasonic frame lines up with one pulse.



The synchronisation dialog allows the parameters to be changed.

**Minimum signal channel to detect** – 4000 is usually OK unless the Pstretch pulses are very quiet in which case this value will need to be reduced to 1000 or less.

**Ignore the first** – This is normally set to zero but if the video sync signal and Pstretch signal are on the same channel then a delay is needed to separate the two signals. See the tutorial on connecting the MicrUs system with lip video for instructions on setting delays.

**Synchronise the current recording** – forces resynchronisation of the current recording.

The section below provides the ability to batch sync all recordings in the project made between two specified dates.

**For all recordings from** – set the earliest and latest recording dates to synchronise.

**For the current client only** – restricts the synchronisation to operate only on the current client.

**After synchronising, shift all ultrasound frames to the right**. - Not used.

Click [Synchronise all recordings that match these criteria] to start batch synchronisation.