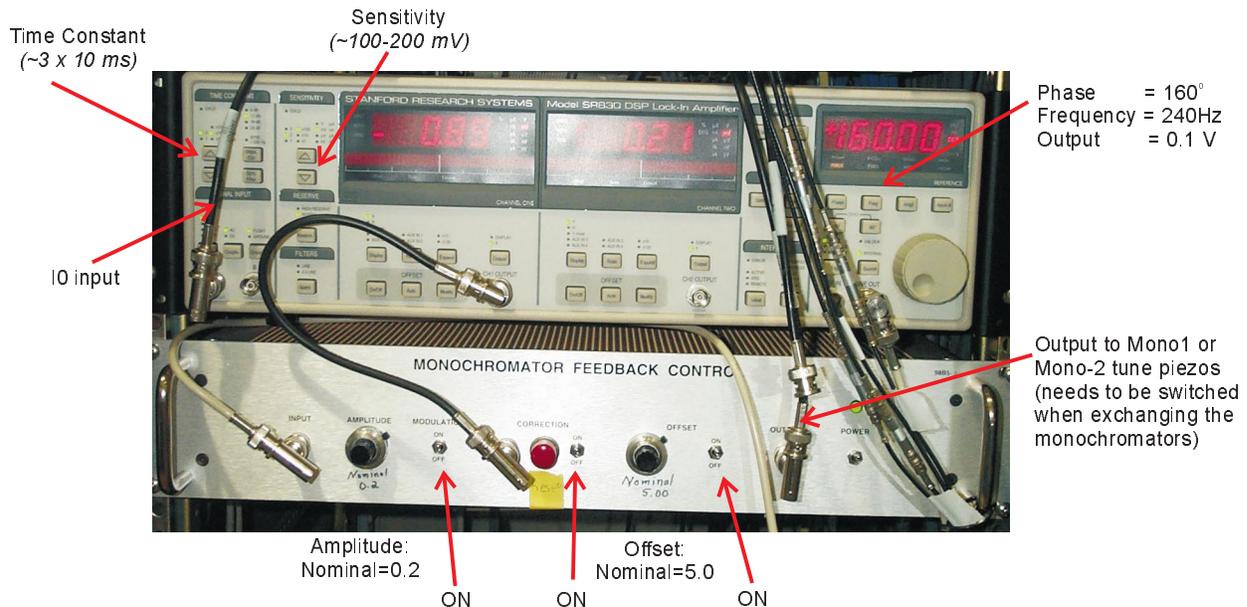


# BioCAT Feedback System

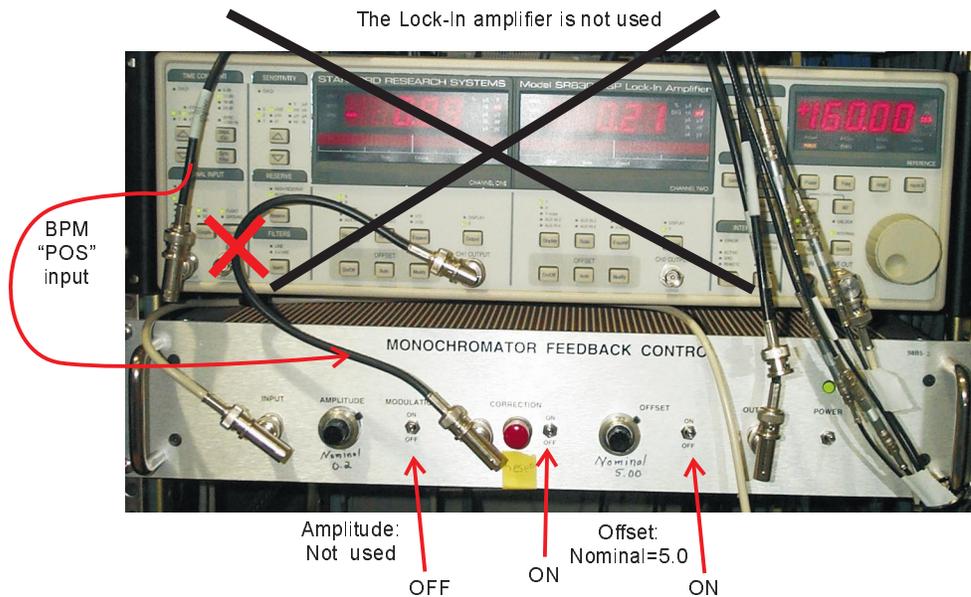
There are two modes of BioCAT feedback system:

1. The diagram below shows the **intensity** feedback loop



- The setup procedure is:
1. Set correction to OFF
  2. Set offset to Nominal=5.0
  3. Find the Bragg peak maximum by moving the Mono tune
  4. Push red "Correction Reset" button
  5. Switch Correction On.

2. The diagram below shows the **position** feedback loop



The setup procedure is the same as for the intensity feedback. The "POS" signal is provided by a small UDP block (12x6x3 cm<sup>3</sup>) located in the back of amplifiers rack in the experimental hutch. Make sure that this block is ON and the polarity is correct. If the UDP polarity is inverted the feedback will drive the beam away from the central position.