

ALLEN & HEATH®



Xone:96®

XFADER CALIBRATION

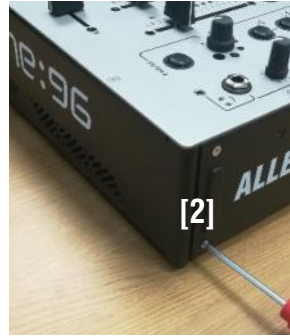
XONE:96 XFADER CALIBRATION

If adjustment of the XONE:96 XFADER cut-in point is required when new, or after replacing the standard Mini innoFADER.

Calibration requires the use of a **T8**, Torx, and slotted (flat-blade) screw-driver.



- Place the mixer face-down on a clean surface.
- Remove and retain two (2) Torx screws securing the **front panel** to the base of the mixer [1].
- Turn the mixer over. Remove and retain six (6) Torx screws securing the **front panel** to the top and chassis [2].



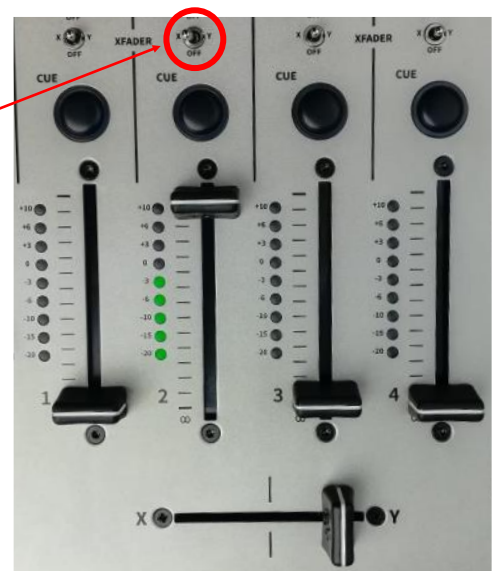
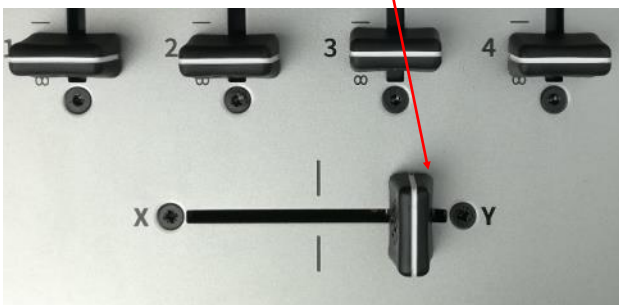
- Loosen, but do not remove, two (2) Torx screws securing the **top panel** sides to the mixer chassis [3].
- With care, pull the **front panel** away from the mixer and place face down in front of the chassis.
- The XFADER calibration potentiometer is located on the right side of the mixer as shown [4].



- Set the top panel XFADER curve switch, right, to **FAST CUT**



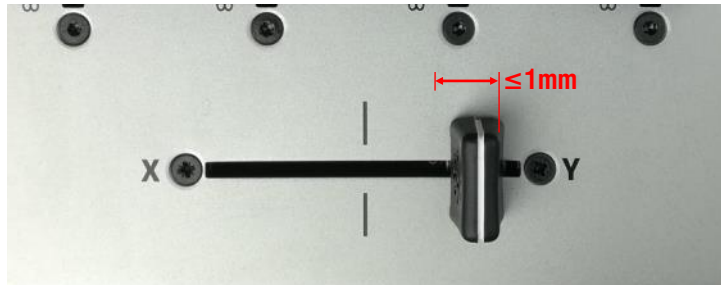
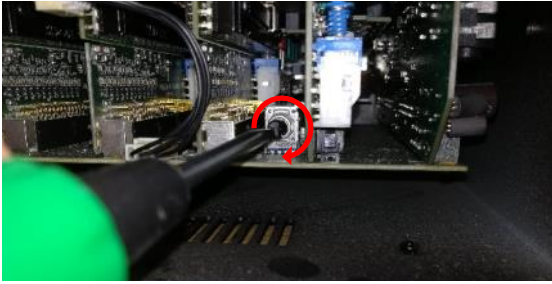
- Route audio to a main stereo mix input channel (CH1 - CH4)
- Set the XFADE ASSIGN switch on the corresponding channel to **X**
- Move the XFADER to the extreme right (**Y**) position.



- Turn the corresponding channel fader up and monitor the LR **MIX** output (via headphones, MST, or BOOTH output)

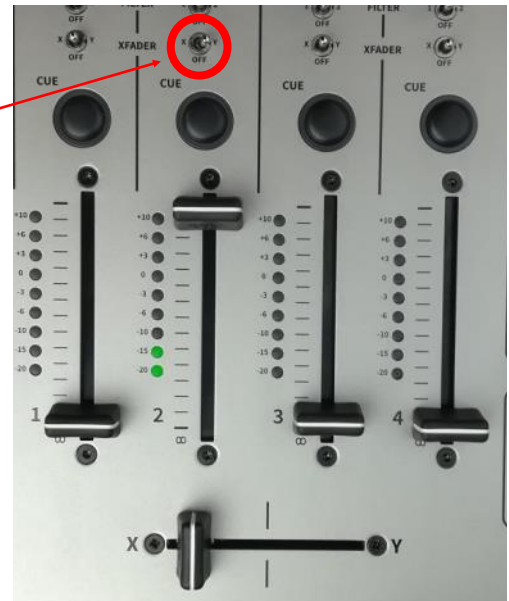
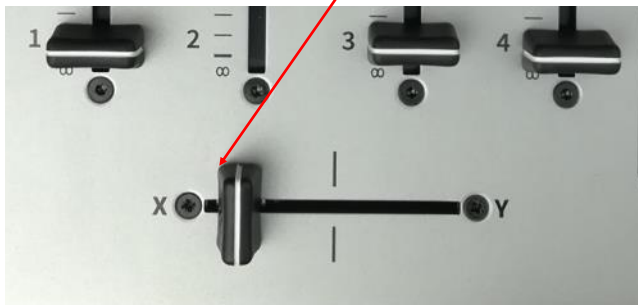
XONE:96 XFADER CALIBRATION, continued

- Using a flat-headed driver, turn the XFADER calibration pot (clockwise) until the audio signal *only just* cuts **OUT**.

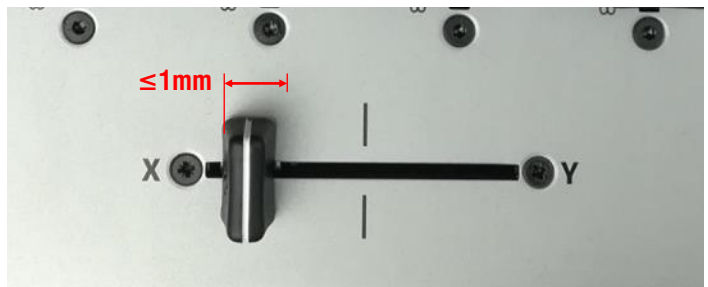
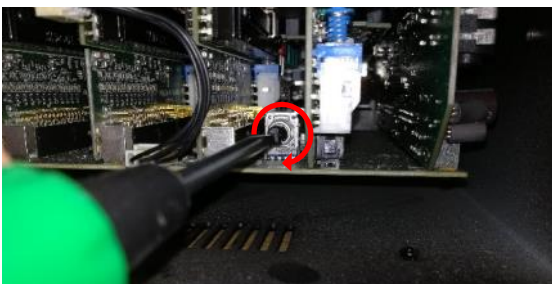


- Check that the XFADER travels $\leq 1\text{mm}$ towards the **X** position *before* the audio signal cuts back **IN**.
- Turn the corresponding channel fader down.

- Next, assign the same stereo channel XFADE ASSIGN switch to **Y**.
- Move the XFADER to the extreme left (**X**) position.



- Turn the corresponding channel fader **UP** and monitor the LR **MIX** output
- Using a slotted ('flat-blade') driver, turn the XFADER calibration pot (clockwise) until the audio signal *only just* cuts **OUT**



- Again, check the XFADER travels $\leq 1\text{mm}$, toward the **Y** position, before audio signal cuts **IN**
- Turn the corresponding channel fader down.
- Next, route audio to two mix channels, assigning one to **X** side of the XFADER and the other to **Y** and check the XFADER function and different XFADER curve switch options to confirm adjustment is complete.
- Finally, replace the **front panel**, re-fit and retighten all screws securing the front panel to the chassis and top panel.