

A2.2 USER GUIDE

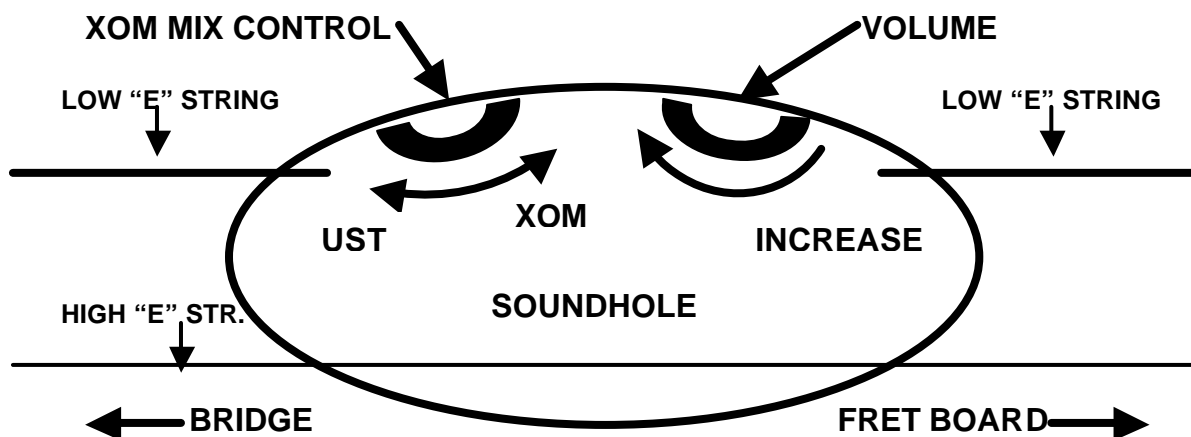
Congratulations and thank you for purchasing this fine instrument with the included B-Band pickup system. B-Band is committed to providing the highest quality product that is manufactured in the true spirit of acoustic / electric instrument aficionados.

Reading this manual thoroughly will give you the information necessary to fully understand the capabilities of this instrument and make the operation a simple and pleasurable experience.

The B-Band A2.2 XOM pickup system includes the A2.2 preamp; a volume and a XOM mix control; a UST undersaddle pickup and an AST soundboard pickup. The system has two (2) pickups as noted. These pickups, in use with the XOM mix control; contributes to a greatly expanded amplified tone experience.

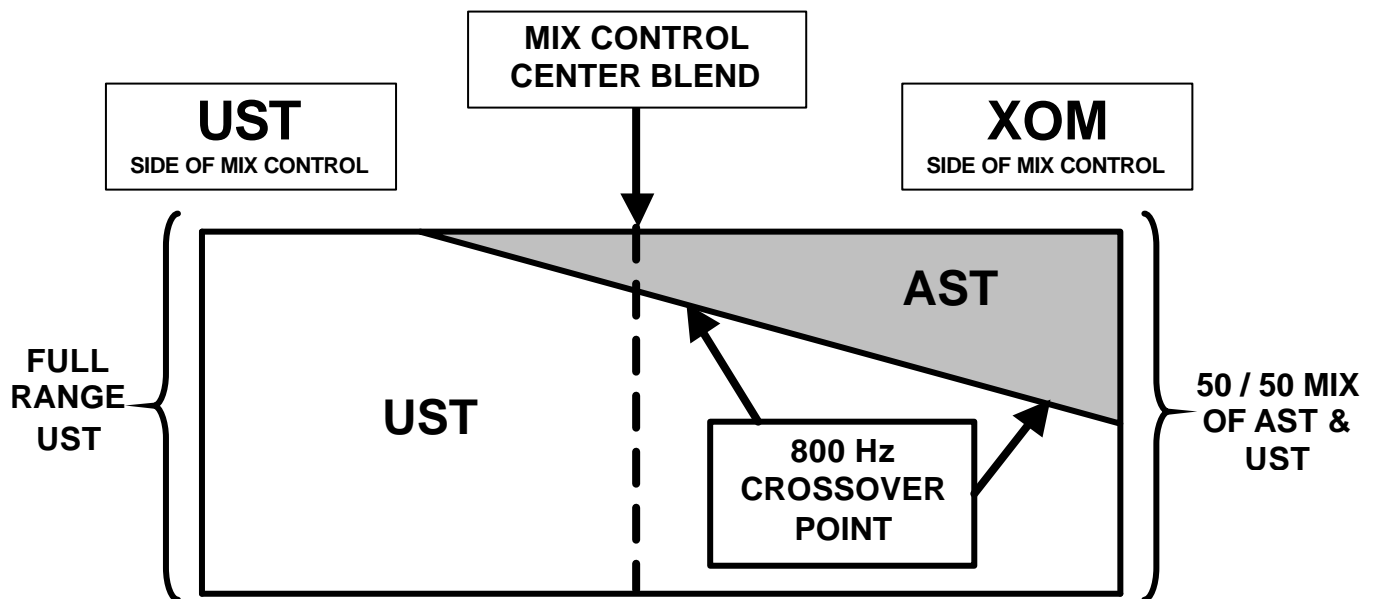
Before plugging-in, become familiar with the controls of B-Band A2.2 XOM pickup system.

With the guitar in playing position- on your lap – feel for the wheels of the control panel just inside the soundhole above the low E string. The control that is closer to the fret board is the volume. The control closer to the bridge is the XOM mix control.



The volume is increased when that control is turned towards the bridge and decreased in the opposite direction.

The A2.2's XOM mix control: When the mix control is turned all the way towards the fret board, this is the XOM position- a 50 / 50 mix of AST and UST is heard. This is the crossover mix of the AST and UST. The crossover point is 800 Hz. From 800 Hz and up is AST. 800 Hz and down is the UST. 50% is the high tones of the AST and 50% is the low tones of the UST. See diagram below.



When the mix control is turned all the way towards the bridge the sound is ONLY the UST pickup sound – the full-range sound of the UST, no AST sound.

With the mix control at any position you always hear the low tone part of the UST pickup. This provides a very round and solid low tone sound at any position.

The XOM mix control blends the higher tone sounds of both the UST and AST.

Before plugging in the A2.2 make sure that the volume is turned OFF and the XOM mix control is at the UST side. The amp or mixer should be OFF, volume turned OFF and EQ setting at flat or OFF.

Plug into the amp or mixer and then plug into to the A2.2. Turn the amp or mixer ON. Turn the volume up at the amp or mixer to about “10 o’clock”. Slowly turn the A2.2 volume up, now you should hear The UST pickup.

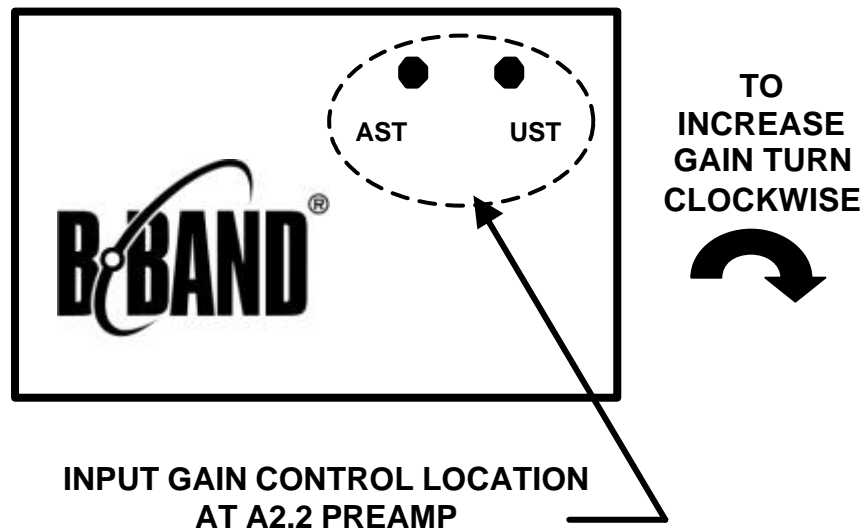
Next experiment with how the XOM mix control works. Once a sound that you like is found, you can further experiment with the EQ at the amp or mix to fine tune the sound.

Enjoy!

Advanced Input Gain Level Set-up:

The A2.2 XOM system, as noted, has two (2) pickups. The pickups are connected to two (2) inputs at the A2.2 preamp. The two inputs have adjustable input gain controls. These input gain controls are at the A2.2 preamp and are accessible with a small screwdriver, for adjustment, through two holes at the top of the preamp. These inputs can be adjusted to balance the input gain, or volume level, so that the pickups match in volume – so one pickup does not overpower the other pickup.

These input gain levels are set at the factory but it may be necessary to readjust the input gain settings for better balance and operation.



To fine-tune the UST and AST input gains: When you turn the mix control to the XOM side the tone should become brighter and tapping on the top should be audible, if this is the case the input gain are in proper adjustment. If the tone of the instrument does not become brighter when turning the mix control to the XOM side, turn the UST input gain down in 10 percent increments until the tone does become brighter. If the tone of the instrument is too bright turn the AST input gain down in 10 percent increments until a pleasing tone is achieved.

To turn the gain down, turn counter clock-wise.

Usually the UST gain is turned down some compared to the AST gain because the UST naturally has higher output.

If there is any distortion, it could be that the output levels of the pickups are overdriving the inputs of the preamps. If this happens the gain levels need to be adjusted. For example, if the mix control is set to the UST, and there is no distortion, and when the mix control is set to the XOM side there is distortion then the AST input gain control should be turned down.

If you have any further questions, comments or issues, please contact the dealer that you made your B-Band purchase from, or the B-Band distributor in your region, or directly to B-Band.

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