BCXP PRO

BREATH TO EXPRESSION CONVERTER FOR USE WITH THE YAMAHA BC3A™.

MAIN FEATURES

THE ***BCXP PRO*** CAN BE CONNECTED TO MOST KEYBOARDS/SYNTHS WITH A PEDAL INPUT JACK FOR CONTROLLING THE VOLUME, EXPRESSION OR OTHER ASSIGNABLE PARAMETERS.

- ***BCXP PRO*** HAS AN INPUT 1/8" JACK TO CONNECT THE YAMAHA BC3A™.
- ***BCXP PRO*** HAS AN INPUT JACK TO CONNECT AN EXPRESSION PEDAL.
- ***BCXP PRO*** IS LINEAR (0-127).
- ***BCXP PRO*** HAS A REVERSE BUTTON FOR REVERSING THE TIP & RING.
- ***BCXP PRO*** HAS TWO LED INDICATORS 1. GREEN = BATTERY IS FULL 2. YELLOW = BATTERY IS LOW.
- ***BCXP PRO*** IS POWERED BY USING 9v BATTERY OR D.C 9v POWER SUPPLY (REGULATED).

Color: Black
Weight :5oz/142grams (with battery), 4oz/113grams (without battery).
Dimensions: 4.94" x 2.750" x 1.275
Warranty: 1 year from the date of purchase
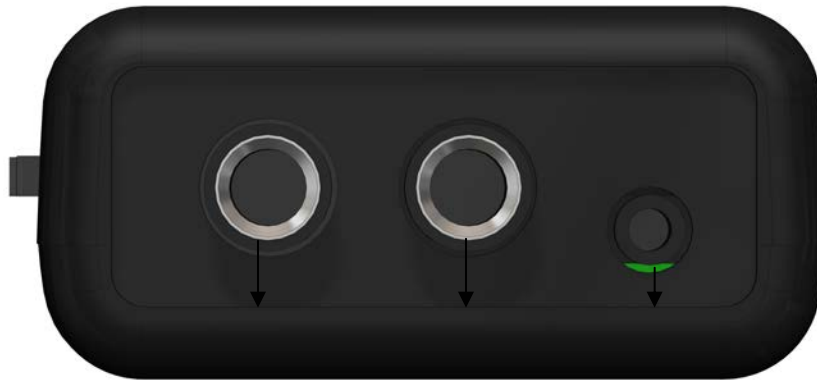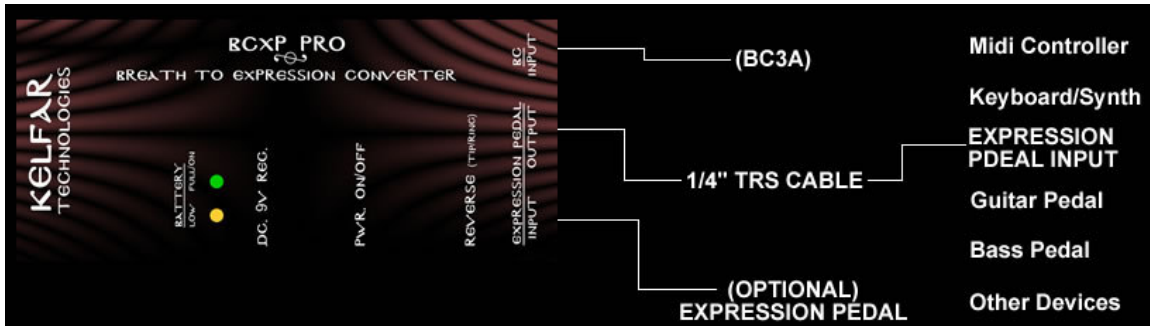
BCXP PRO
(TOP VIEW)

(SIDE VIEW)

(DC.9v regulated)(On/Off)(Reverse Tip/Ring)

(FRONT VIEW)

(External pedal Input) (Output)   (BC Input)

BCXP PRO
SETUP GUIDE

(SETUP DIAGRAM FIG. 1)

Note: You will need a stereo jack (TRS) to connect the BCXP PRO to your Expression / Pedal input of your device. (see FIG. 1). Mono cable will not work with the BCXP PRO.

STEPS (for most Keyboards/ Synthesizers)

1. Install a 9v Battery in the BCXP PRO or use a 9v regulated power adapter (not included)
2. Connect the Output of the BCXP PRO (**EXPRESSION PDEAL / OUTPUT**) by using a TRS cable to the Pedal input of your Keyboard/Synth.
3. Assign the Pedal Input of your Keyboard/Synth. to Expression if not already setup by default. (refer to the owner's manual of your keyboard/synth)
4. Connect the YAMAHA BC3A™ to the 1/8" input jack of the BCXP PRO (**BC**)
5. Turn ON the BCXP PRO
6. Adjust the GAIN CONTROL of the BC3 (**GAIN**) by dialing to the very right (MAX GAIN)
7. Adjust the Offset Value Control (**OFFSET**) of the BC3 by not blowing so that playing the keys will not produce any sound when breath is not applied.
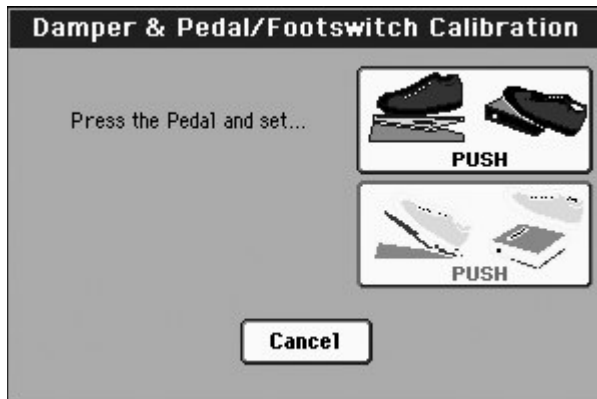
CALIBRATING THE BCXP PRO WITH THE Korg Pa800/Pa2x Pro

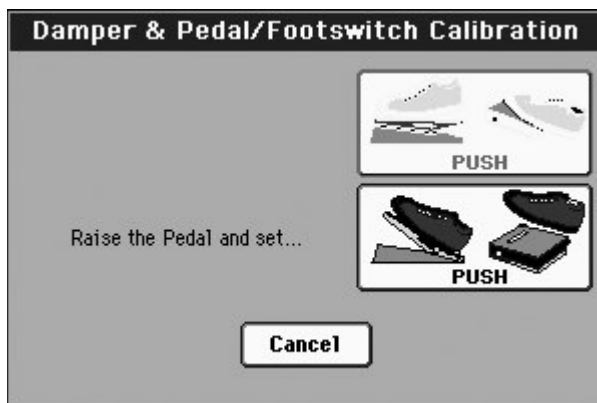**STEPS (disconnect both the BC3 and the TRS cable from the BCXP PRO)**

1. Adjust the Reverse Switch (**Tip/Ring**) of the BCXP PRO to Positive (upward)
2. Turn the BCX PRO ON (**PWR. ON/OFF**)
3. Apply step 1 from above
4. Connect the TRS cable to the Pedal input of the Korg Pa800/Pa2x Pro.
5. PRESS GLOBAL (KORG PA800/PA2X PRO)
6. Select Controllers
7. Select Pedal/Switch
8. Assign it a function: Keyboard Expression
9. Connect the TRS cable to the Output of the BCXP PRO (see FIG. 1)
10. Connect the YAMAHA BC3A™ to the 1/8" input jack of the BCXP PRO (**BC**)
11. Adjust the GAIN CONTROL of the BC3 (**GAIN**) by dialing to the very right (MAX GAIN)
12. Rotate the Offset Value Control (**OFFSET**) of the BC3 to the very left

13. Adjust the Offset Value Control **(OFFSET)** of the BC3 by rotating clockwise so the second marker of the **(OFFSET)** is in the center of the **(GAIN)**
14. Select Calibration. The following dialog box appears:

15. Place the Mouthpiece of the BC3 in your mouth and blow to the maximum level
16. Touch the "Push" button in the display to confirm the maximum value. The following dialog box appears:

17. Touch the "Push" button in the display to confirm the minimum value.
18. Save by choosing the "Write Global-Global Setup" command from the page menu.
19. Adjust the Offset Value Control **(OFFSET)** of the BC3 by not blowing so that playing the keys will not produce any sound when breath is not applied.
20. Play the keys while blowing into the BC3.