

Here's how to set up the XPression with the optimized settings for your wind controller (EWI4000s/EWI-USB, EVI, WX5/7/11 and Synthophone).

(DO NOT FOLLOW THE REGULAR QUICKSTART GUIDE FOR SETTING UP IN THIS CASE !!!)

- Once the unit has started up move the joystick on the left hand of the remote briefly to the left. You will see [Utility] flashing on the right side of the display.
- Press briefly onto the joystick for [OK] to enter [Utility].
- Go 3x to the right with the joystick until you see "internal Backup - all Settings & Maps".
- Wait 3 seconds then move with the joystick to the right until you see "restore x" flashing.
- Select your backup.
(Change values by moving the joystick up/down or by turning the dial on the right hand of the remote.)

For the EWI / EVI select "restore6 – Akai EWI"

For the Yamaha WX series use "restore7 – Yamaha WX5-7-11"

For the Synthophone use "restore8 – Synthophone"

- Press briefly onto the joystick for [OK]. You should see "Press OK to restore settings & pgm maps from backup x"
- Confirm once more with [OK]. All optimized global parameters will be restored now. The display will change a couple of times for a few seconds, then the unit will execute a RESET and return to the main page.
- If the unit does not respond as intended you might have to do an additional RESET. Press and hold the joystick for about 5 seconds until "R E S E T" appears on the display then release.
The unit will now reload all settings for a couple of seconds and everything should be working now!

All global parameters will be remembered after turning the unit off.

(Turn the unit off by holding the power button (front - right) for 4 seconds)

You can also **restore the Factory Presets** in [Utility] "Internal Backup of all Presets & Chord-Mapper Banks" by selecting "restore6 – Factory->User Banks". Press [OK] twice on "restore6" to reset all banks.

Make sure to always have the remote cable securely connected by loosely fixing at least one of the screws on each side of the cable!

The XPression crashes if the cable gets temporarily disconnected!

This is how to set up the EWI4000s:

Increase the breath sensitivity / gain until you don't feel any latency when playing.

(EWI4000s:

- Press SETUP on the EWI and go to Adjust "Ad" (first parameter)
- Turn the sensitivity "S" (bottom row right) all the way clockwise
- Adjust the threshold "A" (bottom row left) so that the underscore on the bottom left barely goes off (maybe a tiny little bit more?).
- Make sure that the pitchbend is centered: set it to max width (2nd row on the right "W" - all the way clockwise) and center it with "A" so that both vertical lines on the very right are off.
- Exit SETUP by pressing the SETUP button again)

Set the breath controller to CC2 (breath - nothing else) and the velocity to "variable MIDI Velocity".

(EWI4000s:

- Press SETUP on the EWI and use the "HOLD Button (increase)" go to "bS" - the release the SETUP button.
- There should be a period on "br" and "vE" - all others need to be off (use the "HOLD Button" to cycle through the parameters and "Transpose" for turning them on/off)
- Exit SETUP by pressing the SETUP button again)

That should take care of the setup of the EWI4000s for working together with the XPression.

MIDI - EVI Breath and Dynamics (from the manual) – set the two parameters marked in red

Breath and dynamic settings are set using the "C" (Center) octave position. The default setting at power up is MIDI volume (controller 7). This can also be turned on by touching and releasing the PROGRAMMING BUTTON while the finger is on 1st valve.

Touching the PROGRAMMING BUTTON with no keys down turns off all breath and velocity control and sends a control number of 127 to MIDI volume #7, and MIDI expression #11. **THIS IS A GOOD WAY TO GET A SOUND IN A PANIC SITUATION WHEN NOTHING PLAYS.** See the section on PANIC.

Touching the PROGRAMMING BUTTON momentarily while holding a particular key or combination of keys will turn on various dynamic breath controls as follows:

1st valve - MIDI Volume (MIDI Controller # 7)

2nd valve - Aftertouch

3rd valve - MIDI Breath Control (MIDI Controller # 2)

Side button - MIDI Expression Controller (MIDI Controller # 11)

1st trill - Breath to variable MIDI Velocity

2nd trill - Extra Controller to variable MIDI Velocity

No keys at all - All dynamic controllers off and Velocity at fixed value

More than one controller can be made to send at the same time by holding two or more keys while hitting the PROGRAMMING BUTTON.

Make sure that pitchbend on the MIDI-EVI is calibrated correctly (when centered you should see the two vertical lines in the middle of the second line of the XPression's display and no asterixes to the right of it).

Also make sure that the breath threshold and gain are set up high enough so that the XPression responds immediately. If set too low you will feel an obvious latency.

The EWI-USB will be set up automatically if it is connected during start up.

(Make sure to backup your current EWI-USB settings if you need them as they will be overwritten!)

The setup of all EWI-USB hardware parameters can be edited in [**Utility**] and will be remembered.

Setting up the Yamaha WX5:

Increase the breath sensitivity / gain until you don't feel any latency when playing.

Set the reed pitchbend to "tight lip" and to send pitchbend. Use the full pitchbend range.

(You can see the pitchbend on the 2nd line of the remote display)

Set the breath controller to CC2 (breath) and the velocity to "variable MIDI Velocity".

Setting up the Synthophone:

Turn off volume control (CC#07) by using this key combination:

Set the highest level (level 5) to stop sending CC7:

- side Bb, F & Eb	increase VOLUME level + 1
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It is best to set the Synthophone to send the full pitchbend range (level 5):

- side C, F & Eb	increases symmetrical PITCH BEND
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Make sure that the breath level is set to the full range (level 5 = default):

- side Bb, D# & Eb	increase BREATH level +1
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Make sure that aftertouch is turned off (default):

- side C, D# & Eb/C	reset AFTERTOUCH to level 0
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The velocity range is not important since the XPression will generate a dynamic velocity that is not available on the Synthophone when using other sound modules.

For this the "Synthophone Note & Velocity Fix" needs to be set to "accurate" and the "Percussive Velocity or Dynamic Controller" needs to be set to "dynamic". Both parameters are located in [**Global**] and will be set up correctly when recalling "backup 3" in [**Utility**]. So you don't have to do anything.

NEW:

If you are having problems controlling the intonation on the Synthophone you might want to change to "Pitchbend Curve" in [**Global**] to a higher level (e.g. 50). This can interfere with the vibrato response, though.

*You can also set additional pitchbend curves per patch in [**Edit**] for patches that use a higher pitchbend range than one semitone. [**EDIT**] "Pitchbend Range": curve negative = smooth, positive = hard*

It's a good idea to turn on the Synthophone first but DO NOT PLAY or send any MIDI data during the startup of the XPression. The best way is to connect the MIDI cable after both units are already started up.

Playing patches:

Use the dial on the right hand of the remote for selecting patches.

If you happen to start an automatic backing track and you want to stop it press and hold the joystick on the left hand for 2 seconds [**Escape**].

You can change banks by going to the left to [BnkNo] (= bank number). Press [**OK**] and select another bank for channel 01 after selecting the parameter on the right with the joystick (to the right) or button 3 or 4.

Banks for wind controllers have "...WC..." in the name while banks named "...KB..." are for keyboards and might not work very well with a wind controller ...

The most important patches are in the **Factory1** bank.

If you want to edit patches in [**Edit**] mode you need to store them to a user bank (e.g. User1 or 9). You might want to copy Factory1 to the User1 bank in this case first. Please check the manual for how to do this.

Once you have tested a little we should skype or email so I could give you some more information on e.g. setting up extra controllers.

In case you want to add pedals or foot switches: The pedal polarity is set up for Yamaha or Korg pedals. Foot switches should be closing (no latching) - otherwise the polarity can be reversed in [**Utility**].

You can check incoming MIDI and pedals in [**Utility**] then go 7x to the left until "MIDI Monitor". Filter specific data being displayed by using the dial on the right hand.

Always exit with [**Escape**] (pressing onto the dial for 2 seconds).

To get an idea about playing some of the chord mapper presets (e.g. F1-73 "Moonlight serenade" + F1-74 "In The Mood") please look up the example sheet music here:

www.dynasample.com/094725967

Two rough demo videos about some special playing techniques can be found here:

www.dynasample.com/testing/

Have fun!

Ingo

Troubleshooting:

To check the audio connection play the demo songs:

- Move the joystick briefly to the left twice until "Demo" is flashing.
- Press briefly onto the joystick for [**OK**]. The demo songs will start playing. You should hear something now. If no sound is audible from the first stereo out try another stereo output.
- Stop the demos by pressing and holding the joystick for 2 seconds (= [**Escape**]).

To check to MIDI connection watch the 2nd and 3rd line of the display:

- You should see pitchbend (line 2) and your breath dynamic (line 3).

More advanced - use the MIDI-Monitor:

- Move the joystick briefly to the left once until "Util" (Utility) is flashing.
- Press briefly onto the joystick for [**OK**]. You will now enter [**Utility**].
- Move the joystick 7x to the left until "MIDI-Monitor" is flashing.
- You should be able to see the incoming MIDI data. Ch01 is input1, Ch17 is input2 (front), Ch33 is USB.
- Return to the main screen by pressing and holding the joystick for 2 seconds (= [**Escape**]).

If you are experiencing problems on either one press and hold onto the joystick for 5 seconds until you see "**R E S E T**". This will reset the audio and MIDI interfaces.

If you need a mono output instead of a stereo out:

- Move the joystick 4x briefly to the right until "Glob" (Global) is flashing.
- Press briefly onto the joystick for [**OK**]. You will enter [**Global**] mode to set the global settings for the unit.
- Press onto the joystick for [**OK**] and then briefly move it to the left to "Out1 Mono-Stereo Settings".
- Set it to "mono" with the dial on the right hand of the remote or by moving the joystick up briefly.
- Return to the main screen by pressing and holding the joystick for 2 seconds (= [**Escape**]).