# **Band-in-a-Box and TranzPort**

This document assumes you have already installed the TranzPort Windows driver, and have the TranzPort remote ready for operation. (If not, see the TranzPort Users Guide or Quick Start Guide for installation details.) It is based on using TranzPort v1.3.0 drivers with Band-in-a-Box 2007, or later.

## Band-in-a-Box Set-up

Before starting Band-in-a-Box, open the TranzPort Manager, or right-click on the TranzPort applet in your taskbar and set the control mode to "Native." For more information on Control Modes see the TranzPort Users Guide.doc.

Open Band-in-a-Box and select Opt.> MIDI/Audio driver setup..., or Preferences and click the MIDI Driver tab. In the MIDI Driver Setup panel confirm that the TranzPort is listed as a device in both the Input, and Output windows. This is all that is necessary for Band-in-a-Box to recognize the TranzPort. You should **NOT** select TranzPort as the highlighted device in either location.

MIDI Driver Setup							
MIDI Input Driver	<u>M</u> IDI Output Driver		Synthesizer / Sound Card				
Dakota Port 1	Run Driver Wizard		Korg M1				
<no input="" midi="" sound=""> MPU-401</no>	Dakota Port 1		For synth-soundcardEvery soundcard or GM module user can choose 'General MIDI Instrument Miscellaneous.' Only older non-GM external Modules require a custom patch map.				
Dakota Port 1 Dakota Port 2 TranzPort	<no midi="" output="" sound=""> Microsoft MIDI Mapper Microsoft GS Wavetable SW Syntł MPU-401 Datasta Bat 1</no>						
	Dakota Port 2 TranzPort		Get <u>P</u> atch/Drum Kit Info				
			🔲 Use DXi Synth				
			Route MIDI Thru to MIDI Driver				
Get Input driver I <u>n</u> fo	Get Output driver In <u>f</u> o		DXi Synth Settings				
Driver Latency (default= 0 ms) For software synths (e.g.MS GS WaveTable), set latency to ~120ms. Dxl latency is set automatically. Latency Adjust Timer resolution (1-10 milleseconds) The Band-in-a-Box program uses the MIDI In/Out Drivers that have been previously installed into Windows. Windows uses the 'Control Panel - Sounds and Audio -Audio- MIDI Playback Devices.		GM2 support (128 extra patches) No GM2 support -128 GM patches only ▼ In addition to the 128 General MIDI patches, newer Roland/Yamaha sound modules and soft-synths (eg.VSC3) support 128 add'I General MIDI 2 patches. (note: Most soundcards don't support GM2 yet) Audio Settings <u>□K</u> <u>Cancel</u> <u>Help</u>					

# Operation

The TranzPort has 18 function buttons, 2 local control buttons, a data wheel, and a backlit 2x20 character LCD display. Silk screened labels are based on conventional DAW functions and are not always consistent for use with Band-in-a-Box functions. This is explained in detail below. The SHIFT button allows other buttons and the wheel to perform more then one function, expanding the range of control that TranzPort has over Band-in-a-Box. Shift is a momentary button that is only active while it is being held.

When you open a Band-in-a-Box project, the LCD display on the TranzPort displays the Song title on the top line, and tempo, track, track volume, and patch#/name on the bottom line from left to right. You may also have one or more status LED's lit indicating the track's solo and mute status, as well as loop mode status for the song. Pressing PLAY will cause the song to begin playback just as if you had clicked the play button on the screen, and the display will change to begin showing chords as the song progresses. Chords for the current 2 bars are displayed on the top line and the next 2 bars on the lower line.

Below is a chart that describes the function mappings of the normal and shifted functions of each button. Specific details about some of these functions follow below. You will also find "Band-in-a-Box\_Layout.pdf" which serves as a quick visual guide for the default TranzPort mappings in Band-in-a-Box. You may want to print that document for quick reference.

Name	Normal Function	Shifted Function
$( \blacktriangleleft \blacklozenge ) $ $( \blacktriangleright \blacktriangleright ) $ $( \blacksquare ) $ $( \blacktriangleright ) $	Jump to previous section Jump to next section Stop Play	
	Pause	
PREV + Wheel ADD + Wheel NEXT + Wheel	Set volume of Current track Select track patch from 'Favorite Patches' Select track patch from 'All Patches'	
IN OUT PUNCH	Open 'Favorite Songs' dialog Open 'Song List' dialog	Loads previous song in folder Loads next song in folder
LOOP	Loop on/off	Loop 4 bars
< TRACK TRACK > REC MUTE SOLO	Select Current Track - Left Select Current Track - Right Toggle track's mute on/off Toggle track's solo on/off	Clear all mutes
UNDO	Panic (all notes off)	
DATA WHEEL	Adjusts Tempo	Set volume of ALL tracks
FOOTSWITCH		

### TranzPort Button and Data Wheel Functions

### **Special Functions**

#### $\blacktriangleleft$ $\blacksquare$ and $\blacktriangleright$ $\blacktriangleright$

The  $\blacktriangleleft \blacksquare$  and  $\blacktriangleright \triangleright$  buttons jump to the previous or next section of a song. You can define custom sections of the song using Band-in-a-Box's Conductor feature, otherwise these sections will default to lead-in, intro, chorus, middle chorus, last chorus, and ending.

#### The Data Wheel

The DataWheel has several functions within Band-in-a-Box. Turning the wheel alone will vary the song tempo up or down. However, by holding various buttons on the TranzPort you can also control a number of other parameters.

SHIFT + Wheel allows you to set the volume of ALL tracks to a common value.

PREV + Wheel Sets the volume of only the current track.

ADD + Wheel changes the patch of the current track using the 'Favorite Patches' list.

NEXT + Wheel changes the patch of the current track, cycling through all available patches. The Wheel can also be used to select songs for playback as described in the next section.

#### Loading Songs

The IN button opens the "Favorite Songs" dialog window and will display the current song on the TranzPort's display. Use the wheel to scroll through your song list. The name and file path will be displayed. Once you have located the desired song press PLAY or SOLO to load and begin playback. Or press UNDO to cancel the dialog.

The OUT button functions in a similar way except that it opens the "Song List" dialog. SHIFT + IN loads the previous song, in alphabetical order by filename, from the same folder. SHIFT + OUT loads the next song, in alphabetical order by filename, from the same folder.

#### LOOP

Pressing the LOOP will loop the current song section. Pressing SHIFT + LOOP will loop 4 bars beginning with the bar that was playing when the buttons were pressed.

#### The TranzPort Setting Panel

There is a special TranzPort tab in the Band-in-a-Box Preferences which opens the TranzPort Settings panel.

Preferences							
	Dis <u>p</u> lay	<u>A</u> rrange	Count-in/Met.	MI			
	<u>S</u> oloist	Colors	Patch Map	Dr			
	<u>N</u> otation	<u>L</u> eadsheet	A <u>u</u> dio	G			
	RealDrums	Tranzport	Practice				
Environment Options ▼ 0 <u>K</u> to Save/Load Reverb,Vol etc.w/Songs							
☑ OK to Prompt to Reduce/Expand Song							
	✓ Style Picker defaults to current style						

This panel allows you to enable/disable Band-in-a-Box's access to TranzPort. If "Enable TranzPort" is not checked then you could use TranzPort to control another application running on the same computer even though Band-in-a-Box was running as well.

With TranzPort enabled, in addition to all of the functions listed above you can select to show note-based, or line-based lyrics on the TranzPort LCD during playback, as well as an option to automatically transpose the chords on the TranzPort display independent of the computer screen. This is handy when you want a second instrument based in a different key to play along. With the "Transpose the display" box checked you can select from one of the 3 basic offsets by clicking on the Concert (0), Eb Alto (9), or Bb Tenor (2) buttons, or enter your own value in the semitones box.

