

PX-5S FAQ

This FAQ was compiled from questions and answers off the Casio Music Forum - PX-5S and the PX-5S FaceBook page. Some of these questions were only asked once, but the term FAQ (Frequently Asked Questions) is more common than LFSAQTTOCUO (List of Frequently and Seldom Asked Questions or Those That Only Come Up Once). If you have further questions, post them to the forum or FaceBook page. I'll try to add the question and solution into the PX-5S LSAQT-TOCUO... er... FAQ.

I have also avoided questions such as, "Is the PX-5S as good as the Nordkorgweil XYZ5000?" This question is not unlike asking, "Do you like chocolate more than I like beer?" Here is the answer up front: the "best" keyboard is the one that suits your needs, whether they be sound, flexibility, authenticity, cost, peer pressure, or otherwise.

This FAQ, the Casio Music Forum, the www.px-5s.com site, and the PX-5S Facebook page are maintained by volunteers that do not work for Casio. Although Casio representatives do see these sites, they are not responsible for the content therein.

I have also tried to acknowledge those who directly contributed to answering the questions as they were posed. Let me know if I am in error by misquote or omission.

Jason Peterson (jaspeter.1)

Instruction	4
Is the manual available online?	4
Are there any tutorials for the px 5s?	4
Setup/General	4
I just received my brand new Casio PX-5S and the display shows ERROR: No Media.	4
How should I keep the keys clean on the PX-5S?	4
What is the warranty on the PX-5S?	4
I need to order/ship a new PX-5S. What's the exact size of the box of the casio and the weight of the piano full in the box?.....	4
What are the dimensions of the PX-5S?	4
What's the size of the "black area" (battery compartment)?.....	4
I left my PX in the car in the garage. Temperature above freezing - but not much. Will it come to any harm in the cold?.....	5
Occasionally I accidentally turn off the PX-5S because the power button is next to the volume knob.....	5
HELP!!!!!!!!!!!! My PX has just totally locked up!!!!	5
What hard-shell case will fit the PX-5S?.....	5
Rear Audio Jacks.....	5
Is it possible to send audio to a pc, to record out of the USB port on the back of the px5s?.....	5
Can the Audio In on my PX-5S can accept both dual unbalanced and balanced cables?.....	5
Can I use mono output instead of stereo?.....	5
What is the best way to connect a mono synth to the PX-5S line-in? If you plug the mono synth into the mono input will it only be heard in one ear?	5
Can you apply effects to the audio inputs on the back of the PX-5S?.....	5
Can I use the Audio Input on the back to connect a microphone?	6
I'm performing live and using a master mixer. What is the best way to connect to it?	6
Can I adjust the volume of the Audio/Line Inputs or USB Drive WAV playback independently?.....	6
External MIDI devices	6
Is there a way have a zone drive another midi device without it having a sound tone from the Px5.....	6
Is there an iPad app that I can use to control the Stage Settings on the PX-5S? What about Android?	6
My external MIDI device or DAW keeps changing the tones/Stage Settings of the PX-5S.....	6
MIDI notes from the PX-5S make my other devices behave strangely.....	6
Can I select Stage settings using a midi pedalboard or foot switch?.....	6
USB Drive	6
How do I play a song file (WAV, MP3) using the usb thumb drive?.....	6
Tones	7
Is there a 'transpose' function for this keyboard?.....	7
I've tried all the velocity curves the piano is either too loud or too soft for my needs.....	7
There seems to be a time lag between when I press a key and when the note sounds.	7
Sometimes, fast/repeated notes don't seem to sound.	7
Some download files from the Casio forum are "Stage Settings," some are "tones." Will replacing a "tone" with a new one effect a "stage setting" at all?	7
When I added a different tone to a stage setting the effects all change.....	7
How do I set a stage setting so that a voice sound only "appears" after several seconds?.....	8
Can i have an hex on more then 1 zone? Can i add more then 4 sounds on a stage settings?.....	8
I want to change the key sesitivity of my tone to be like a piano or no sensitivity like an organ.	8
Where is the transpose button?.....	8
Is there a way to sync the LFOs to the tempo, i.e. so that a pulse oscillation will be in tempo with percussion?	9
Why do I hear a metallic sound or click when i push the sustain pedal in a piano sound?.....	9
I noticed there were some in the standard set that didn't seem to play at both ends of the keyboard at the bottom there's about 17 (Tabla Ge - Mridangum Num) and at the top there's about 19 (Tabla 1- High Tang Gu).	9
Samples.....	9
Is the piano sample from the PX3 available on the PX5?	9
What size are the samples that the PX-5S uses?	9
Stage Settings	9
What gets stored in a Stage Setting?	9
Where do I get new Stage Settings?	10
How do you select Stage Settings from MIDI (Another keyboard or iPad Remote Control)?	10
I've downloaded Stage Settings and put them on the USB drive, but I can not load them.	10
How do I change the name of a Stage Setting?	10

If you are holding or sustaining notes, and change to a different Stage Setting, what will happen to the sustaining notes/arpeggios/phrases that are still ringing? What about a WAV file playing from the USB drive?	10
How do I go about changing volume for 1 of the zones in a stage setting?	10
How do I restore the factory Stage Settings?	10
How do I find the original settings of a stage setting?	10
I transferred Stage Settings to the PX-5S from the data editor and now when I turn the PX-5S back on, they're gone and the previous Stage Settings are back	11
What happens when you initialise just one stage setting?	11
Phrases	11
Is there a pause between the end and beginning of a phrase when it is looped?	11
I converted a phrase from a MIDI file then transferred from the editor. It shows up on the PX-5S as "untitled".	11
Can I change the volume of the metronome in the phrase recorder?	11
When I press play, both the backing track and the phrase come on at the same time.	11
Can I change the tempo of a phrase?	11
Arpeggiator	11
Where are arpeggiator patterns stored?	11
Does the arpeggiator occupy a particular zone?	11
DSPs	12
Rotary Speaker / Leslie	12
My rotary speaker (Leslie) effect sounds weird.	12
Controllers	12
Pedals	12
How do I use a pedal to switch between stage settings?	12
Can the MIDI Solutions Pedal Controller be used on the PX-5S for expression or sustain?	13
Is it possible and if so how can I set the assignable foot peddle to transmit a MIDI CC# to an external component?	13
I was hoping to move something which is assigned to pedal 1 over to knob #4. The problem is: pedal 1 has an on rate, off rate and mode which knob 4 doesn't seem to have.	13
My sustain pedal works backwards. The sustain turns off when the pedal is down.	13
Knobs/Sliders	13
When I turn the knobs/sliders all the way down the sound doesn't return to it's original setting.	13
How do I assign the knobs or sliders to control zone volume?	14
What's the difference between the resonance, release, attack and cutoff settings (CC71 to CC74) that I can assign to the sliders, and the same settings I can edit on the Filter page?	14
How do I assign a slider to control a DSP parameter?	14
DAWs / Sequencing Software	14
How can I use the PX-5S for recording in garageband or any similar DAW? I tried to connect it directly via USB but it's not possible to get it on a track in the DAW.	14
CUBASE	15
Is there a patch script for the PX-5S?	15
Digital Performer	15
I'm still using Digital Performer version 4.6. When I plug my PX 5 in to DP, it sends and receives midi info just fine - but DP 4.6 naturally can't detect a pulldown patch list for the PX-5S because the PX wasn't around when this software was written. Anyone have any suggestions on how I can continue using my antiquated DAW but still be able to make fuller use of the PX 5?	15
Sibelius	15
How can I avoid getting double-notes in Sibelius notation programme via midi?	15
Cakewalk/Sonar	15
Is there a Cakewalk / Sonar Instrument definition file for the PX-5S?	15
Reaper	15
Is there a Reabank file for the PX-5S?	15
PX-5S Data Editor	15
Where do I get the editor?	15
Is there a way to edit stage settings in the Data Editor, without being connected to the piano?	15

Instruction

Is the manual available online?

Go to <http://www.px-5s.com>. There you will find links to the Basic Manual (the one that ships with the PX-5S), the Advanced Manual (Tutorial), and the Data Editor manual. The Basic and Advanced manuals can also be found at <http://support.casio.com/en/manual/manualfile.php?cid=008017005>, along with the MIDI Implementation manual for the PX-5S.

Are there any tutorials for the px 5s?

Go to <http://www.px-5s.com>.

Setup/General

I just received my brand new Casio PX-5S and the display shows ERROR: No Media.

Download the latest update from here:

<http://support.casio.com/en/manual/manualfile.php?cid=008&pid=20>

Put the file in the root folder on a USB drive.

Turn off your PX-5S and turn it back on. It should automatically install the update.

(Mike Martin)

How should I keep the keys clean on the PX-5S?

All I ever use is a soft cloth. If there was a mark, I might wet the cloth ever so slightly in plain water. (Anne Burton)

An ounce of prevention is worth a pound of cure: Make sure you wash your hands with soap and dry them well before you play and cover the keyboard up when not in use. (Scott Hamlin)

Soft cloth, and a basic windex type product sprayed on the cloth *not directly on the keyboard*. (Mike Martin)

What is the warranty on the PX-5S?

In the US it is 1 year plus an additional 2 years when you register your purchase online. <http://www.onlineregistry.com/category=Keyboards>

I need to order/ship a new PX-5S. What's the exact size of the box of the casio and the weight of the piano full in the box?

57 1/4" x 14 1/4" x 8 1/4" - 16 kg (Scott Hamlin)

What are the dimensions of the PX-5S?

52.05 x 11.26 x 5.31 (inch)

Weight 24.47 lbs (W/O Battery)

(Scott Hamlin)

What's the size of the "black area" (battery compartment)?

Approx 4 x 10 inches. (10 x 25 cm) (Brad Saucier)

I left my PX in the car in the garage. Temperature above freezing - but not much. Will it come to any harm in the cold?

As long as it you warm it to room temp slowly to prevent condensation it SHOULD be OK... If it were me I would bring her in though. Too many thieves about. (Scott Hamlin)

Occasionally I accidentally turn off the PX-5S because the power button is next to the volume knob.

Get you an SD card case... cut a slot in the bottom with an xActo. Use thin mounting tape to secure the casing over the power button. (Scott Hamlin)

HELP!!!!!!!!!!!! My PX has just totally locked up!!!!

Unplug it, leave it off for a few minutes. Then power it up. Take out batteries if you have them in. (Mike Martin)

What hard-shell case will fit the PX-5S?

The pros use the Gator GKPE-88SLIM-TSA (Scott Hamlin)

Rear Audio Jacks

Is it possible to send audio to a pc, to record out of the USB port on the back of the px5s?

The PX-5S does not send audio over the USB, only MIDI data. (Scott Hamlin)

Can the Audio In on my PX-5S can accept both dual unbalanced and balanced cables?

Unbalanced, although there shouldn't be any harm in using balanced. The PX-5S has unbalanced inputs and outputs. For longer cable runs you should use direct boxes. (Mike Martin)

Can I use mono output instead of stereo?

Yes. Be aware that the left/mono output is summed (i.e. it combines the left and right stereo channels onto one channel when it is used by itself) and the right output is just the right channel. Although most sounds on the PX-5S sound fine when output this way, it may have undesired results when using some stereo effects (like the Rotary Speaker DSP).

What is the best way to connect a mono synth to the PX-5S line-in? If you plug the mono synth into the mono input will it only be heard in one ear?

Yes, You'll have to split it and bring it in both the left and right inputs. (Mike Martin)

Can you apply effects to the audio inputs on the back of the PX-5S?

No - just the master compressor and eq.. no reverb, delay, etc. (Scott Hamlin)

Can I use the Audio Input on the back to connect a microphone?

No. Microphone levels are too low for the line-level inputs without a preamp.

I'm performing live and using a master mixer. What is the best way to connect to it?

If the PA is stereo and you are not too far away from it, left and right line-level outputs should give you the most true sound. If the PA is mono or you must run a long cable stretch, you will probably want to use a short line-level mono into a direct box (DI) and an XLR cable into the mixer.

Can I adjust the volume of the Audio/Line Inputs or USB Drive WAV playback independently?

Yes. SYS SETTING > Sound Generator > External Volume or Audio Volume

External MIDI devices

Is there a way have a zone drive another midi device without it having a sound tone from the Px5.

Edit>Stage Setting>Zone>Midi>Gen Out OFF. (Brad Saucier)

Is there an iPad app that I can use to control the Stage Settings on the PX-5S? What about Android?

Look for SetListMaker in the app store. Also check out MIDI Designer and the PX-5S template at <http://priviap-ro.wordpress.com/2013/12/04/privia-px-5s-layout-for-midi-designer-iphone-and-ipad/>.

For Android, try MIDI OSC. (Martin Butigan)

My external MIDI device or DAW keeps changing the tones/Stage Settings of the PX-5S.

On the PX-5S, go to MIDI -> RX Filter -> Program Change and change the value to ON. This filters out incoming Program Change messages.

MIDI notes from the PX-5S make my other devices behave strangely.

The PX-5S uses high-resolution MIDI data by default. Turn off this function in System Settings / MIDI / Hi Res Out.

Can I select Stage settings using a midi pedalboard or foot switch?

Yes, if your MIDI Pedalboard can send bank/program changes. (Mike Martin)

Set your device to send Bank Select value of 70H. Then program change values 00-99 should select your Stage Settings. Make sure the SYS SETTING > MIDI > Stage Set.chg value is set to PrgBnk.

USB Drive

How do I play a song file (WAV, MP3) using the usb thumb drive?

The PX-5S cannot play MP3 files. Use an audio file editor to save it as a linear PCM, 44.1 kHz, 16-bit, stereo WAV file. It must also be named TAKEXX.WAV, where XX is a number between 00-99.

Make sure you have the USB drive plugged in with WAV files you want to play.

1. Press (don't hold) the [Media] button. The titles of the files will appear.
2. Press the + or - key to cue up the WAV you want to play.

Now you can go on and do other things on the keyboard, switch banks, mess with stage settings, play the keyboard. Whenever you want to play or stop the WAV file that is cued up, press the [Start/Stop] button.

When you press the [Media] button, it will be in "Media Mode" where you can select different files to play. If you want to play different files, just scroll using the + or - keys and then press start.

If you need to play a sound and both hands are full, you can set one of the pedals to toggle the start and stop action.

To set the start/stop for Audio to Pedal 2, for example for a particular Stage Setting:

1. Select the stage setting

2. Press [Edit]

Choose Stage Setting > Common Edit > Pedal 2 > Pedal Target > Target[Audio Str/Stp]

Cue up your audio file as described previously. If you saved the changes to the stage setting, whenever you select that stage setting and depress Pedal 2, it will start or stop the current wave file cued up.
(Choppin)

Tones

Is there a 'transpose' function for this keyboard?

Press the **Sys Settings** button, select MIDI. (Mike Martin)

I've tried all the velocity curves the piano is either too loud or too soft for my needs.

The pianos are set by default for a very wide dynamic range (as are all Privia models).

You can reduce the dynamic range yourself. Press the EDIT button, select TONE. Go to the AMP page. Find velocity and reduce it from a value of +64 to around 40. You'll have to scroll back up to the stop of the AMP page and reduce the overall volume to compensate. (Mike Martin)

There seems to be a time lag between when I press a key and when the note sounds.

The PX-5S has a feature to make it feel more like a real piano in which it takes time to physically move the hammer from rest position to the string. This can be changed in each individual Stage Setting: Edit > Stage Setting > Common Edit > Hammer Response.

Sometimes, fast/repeated notes don't seem to sound.

Check that the portamento is off in that stage setting.

Some download files from the Casio forum are "Stage Settings," some are "tones." Will replacing a "tone" with a new one effect a "stage setting" at all?

No. The stage settings are stored with information. The stage setting sound won't change unless you edit that stage setting and save it. There are empty slots for user tones and hexlayers... as you scroll through them you will see some start with "P" (preset) or U (user). (Scott Hamlin)

When I added a different tone to a stage setting the effects all change.

All of the tones, factory and user, are stored with their own effect assignment parameters. When recalling them into

any location, they bring those effects with them. (Brad Saucier)

How do I set a stage setting so that a voice sound only "appears" after several seconds?

The timing and behavior of the tones can be changed using the Amp, Filter, and Pitch envelopes. These envelopes give you control over the Attack, Decay, Sustain, and Release properties of the tone.

In a Hex Layer the Envelope has more stages. Instead of ADSR, it has IADDDRR:

I - Initial Level. This allows you to start the note at any level, there is no time value for this. This occurs immediately upon key on.

A - Attack Time/Level - The next stage when set when set in combination with the Initial Level controls the "fade in" of a particular sound.

D, D - The first two Decay stages are essentially the same, just one after the other. This next stage can allow the amplitude to decrease or increase over time while the key is being held. Imagine a trumpet sound that gets a little louder while the key is being held.

D#3 - This is technically the "Sustain" portion of the envelope. The sound will hold at this level as long as the key is held.

R#1 and R#2 - The release stages are what happens after the key is released. Since there are two stages you could have the sound initially louder, then quieter and fade out. (Mike Martin)

I just put together a hex layer in which a time value for the initial attack would have been nice. I didn't want a fade-in; I wanted a slightly delayed attack. I was able to get around it by setting initial level and attack level to zero and attack time to the delay. Effectively, this made the first decay stage into the attack stage, but it had the intended effect. (Jason Peterson)

Can i have an hex on more then 1 zone? Can i add more then 4 sounds on a stage settings?

You can have up to two hex sounds per stage setting - but they must be in zones 1 and 2. As each hex can contain 6 sounds you can have up to 14 sounds in total! (Anne Burton)

I want to change the key sesitivity of my tone to be like a piano or no sensitivity like an organ.

On the AMP page you'll find Velocity Sensitivity. Turn that up to a value of 64 for most dynamic range. If you increase the velocity sensitivity the volume will drop, increase the volume at the top of the Amp page. If the shape of the sound is changing with velocity that is because of the Velocity sensitivity parameter on the FILTER page. (Mike Martin)

Where is the transpose button?

What I do is transpose WITHIN the stage setting and save my setups that way.. so when I pull up the sound it's in the right key... You can also make "generic" Stage Settings for your go-to piano sound and save them in a bank.. call them Grand Piano +1, Grand Piano -1, etc. (Scott Hamlin)

If you do a lot of transposing on the fly, you can assign a slider or knob to do it, too. Of course, it has to be in each stage setting you use, since it's not the global transpose.

Choose the following parameters:

Target - RPN

MSB - 0

LSB - 2

Send - MSB

Min & Max: This is your range of transposable keys. If you go 57 & 71, it will give you -7 and +7 semitones, respectively.

Is there a way to sync the LFOs to the tempo, i.e. so that a pulse oscillation will be in tempo with percussion?

No. But try creating an arpeggiator setup to control the filter or amp. (Brad Saucier)

Why do I hear a metallic sound or click when i push the sustain pedal in a piano sound?

That is part of the "realism" effect of the damper pedal being activated. You can turn it off if you don't like it. (Scott Hamlin)

Press the effect button called SYSTEM. There you will find Damper Noise and resonance levels. (Brad Saucier)

I noticed there were some in the standard set that didn't seem to play at both ends of the keyboard at the bottom there's about 17 (Tabla Ge - Mridangum Num) and at the top there's about 19 (Tabla 1- High Tang Gu).

Those are outside of the range of the keyboard. Note that the chart is more than 88 keys. The same sounds are in the 2 ethnic sets where they can be played. You can also go into system edit>midi>and transpose down 2 octaves to play the sounds in Standard Set 1. Transpose up for the upper end. (Brad Saucier)

Samples

Is the piano sample from the PX3 available on the PX5?

It is from the same piano, but the samples are not exactly the same. (Mike Martin)

What size are the samples that the PX-5S uses?

Casio does not publish it. Size doesn't necessarily equate to quality. (Mike Martin)

Most of this page applies to the PX-5S.. that should give you an idea of what else goes into it besides the sampling...

<http://www.casio-intl.com/asia-mea/en/emi/privia/info/> (Scott Hamlin)

Stage Settings

What gets stored in a Stage Setting?

You can edit the tone from within the Stage Setting. Next the new sound is stored as part of the Stage Setting itself! This means that if you save or backup your Stage Settings to a USB drive or download one from the web all the of the objects that the Stage Settings needs are included within that file. This includes custom tones, arpeggiators and [hex layers and drum sets]. (Mike Martin)

You can still save these items individually, that is useful if you want to use them in a different Stage Setting.

Phrases DO NOT get stored within the Stage Setting.

Where do I get new Stage Settings?

You can create your own, or see what others have created at the Casio Music Forums: <http://www.casiomusicforums.com/index.php?files/category/3-privia-px-5s/>. You must be logged in before you can download new files.

How do you select Stage Settings from MIDI (Another keyboard or iPad Remote Control)?

Bank 112, followed by a program change 0-99 will select the Stage Settings. (Mike Martin)

I've downloaded Stage Settings and put them on the USB drive, but I can not load them.

The files need to be placed in the MUSICDAT folder on the USB drive for the PX-5S to see them. (Mike Martin)

How do I change the name of a Stage Setting?

Go to the stage setting whose name you want to replace.

Press "WRITE"

Press "ENTER" to select *StageSetting

Press the "DOWN ARROW" key

You will see a little line under the first letter of the Stage Setting current name

Use KNOB 2 to change the letter - turn the knob all the way to the left (counter-clockwise) for a blank space

Use the "RIGHT ARROW" key to change to the next letter

Continue until you are done

Press "ENTER" to save the Stage Setting

Press "YES" to confirm the save

(Mike Martin)

If you are holding or sustaining notes, and change to a different Stage Setting, what will happen to the sustaining notes/arpeggios/phrases that are still ringing? What about a WAV file playing from the USB drive?

Melody Tone notes won't be chopped off. They will continue to sound. Hex layer tone notes will cut short when the Stage Setting is changed. The WAV file should also continue to play, unaffected.

How do I go about changing volume for 1 of the zones in a stage setting?

Edit > Stage Setting > Zone > Mixer Edit > Volume. A slider or knob can be assigned to this function, too. See the Controllers - Knobs/Sliders section of this document.

How do I restore the factory Stage Settings?

Download them from <http://www.casiomusicforums.com/index.php?files/file/1-px-5s-v110-stage-settings/>, or <http://www.casiomusicforums.com/index.php?files/file/218-px-5s-stage-settings-alternate-order/>

How do I find the original settings of a stage setting?

They are all in the data editor, though. You need to look at the tabs at the top of the screen - to the right of "stage setting". There is one for each tone/zone. Select the zone you are interested in, and then select the "tone" tab from slightly lower down. (There are also DSP and LFO tabs beside it). The "Mike" settings for chorus/reverb/delay are given under tone effect. All the other, more complicated settings are to be found there as well if you look around. (Anne Burton)

I transferred Stage Settings to the PX-5S from the data editor and now when I turn the PX-5S back on, they're gone and the previous Stage Settings are back.

This is a known bug as of firmware version 1.11. The current workaround until a new firmware release is to press Write from the PX-5S on each save setting you transfer.

What happens when you initialise just one stage setting?

When you "Intialize" a Stage Setting: It erases whatever is there and creates a "blank" stage setting. It DOES NOT revert to the factory slot.. you need to load in the original to do that. (Scott Hamlin)

Phrases

Is there a pause between the end and beginning of a phrase when it is looped?

No. The replay of the loop is immediate.

I converted a phrase from a MIDI file then transfered from the editor. It shows up on the PX-5S as "untitled".

Currently, phrases created this way do not carry the file name over to the PX-5S. They must be renamed on the PX-5S using the "write" button which will allow you to specify both the phrase name and slot number.

Can I change the volume of the metronome in the phrase recorder?

No.

When I press play, both the backing track and the phrase come on at the same time.

The Start/Stop button functions for both the Audio and the Phrase. If possible, only have one or the other set to start (light lit on that button). If that is not an option, you can assign a pedal to "start phrase" and the other to "start audio". Of course, you lose any other pedal functions you might need for that Stage Setting.

Can I change the tempo of a phrase?

Yes. Press the tempo button and adjust the value, or tap the tempo button at the rhythm you want and let the PX-5S determine the value for you. Make sure to save the stage setting again to store the tempo change.

Arpeggiator

Where are arpeggiator patterns stored?

Arpeggio patterns that have been edited or created from scratch are stored inside of a stage setting when a stage setting is saved to memory. This is great for sharing stage settings that use custom arpeggios because there's no need for a separate arpeggio file to tag along with the stage setting. This feature also apply's to edited user melody tones, hex layers and drum sets. Phrases are not included in this. (Brad Saucier)

You can also save it as its own ZAR file, or insert it into the arpeggio User Memory for use in other Stage Settings.

Does the arpeggiator occupy a particular zone?

An arpeggio can be assigned to each of the 4 zones. All at once or only 1. You decide. It can be assigned to a zone

but not necessarily used until it's enabled. (Brad Saucier)

DSPs

Rotary Speaker / Leslie

My rotary speaker (Leslie) effect sounds weird.

You'll probably want to tweak some of the Leslie parameters, specifically speed and wet/dry mix. If it's too slow, you might get a wavering sound more than a tremolo/chorus effect. Also, try adjusting the wet/dry mix. If it's all wet, the sound may simply be too deep.

Also, the "Rotary Speaker" DSP seems to be designed to simulate two opposing microphones on a Leslie cabinet. This is great if you're playing stereo, but in a live setting where you're going mono, you run into problems. Effectively, the two-microphone simulation turns into a one-mic situation with the speaker rotating twice as fast (assuming you are using the left/mono summing output). The solutions are to turn the speed down or to use the right non-summing output for stage settings in which you use the Leslie.

One note of caution is that if the PA is mono, you'll still have the summing effect, just downstream in your mixer instead of the PX-5S. Take a recording from front-of-house, or have someone give it a listen to make sure that you're getting that sound out to the audience.

Controllers

Pedals

How do I use a pedal to switch between stage settings?

There are two ways. Set up the pedal to increment/decrement stage settings, or assign a CC to it.

Increment/decrement stage settings (Mike Martin):

Press SYS SETTING.

Select GENERAL

Select Stage Set Filter

Then set Pedal to "Stage Inc" or "Stage Dec".

Using the pedal in this way is global, in other words, you cannot use it for anything else, regardless of what function it is given in the stage setting.

Assign a CC:

Assign the pedal you want for the switch thusly:

1. Target: NRPN

2. MSB: 36 LSB: 0

3. Send data: LSB

4. Adjust both min and max value to the same value, the first digit being the Stage Setting Bank and the second digit being number 0-9 of that bank.

5. In the System Settings menu, change Stage Setting Change to NRPN.

This method has the benefit of being Stage Setting specific. For example, use this method if you want the pedal to change stage settings in one setting, but use it for a damper pedal in another.

Can the MIDI Solutions Pedal Controller be used on the PX-5S for expression or sustain?

Many people have expressed interest in using this device with the PX-5S to use either as an expression pedal or to use with a continuous damper pedal such as the Roland DP-10.

The MIDI Solutions product only transmits on 1 MIDI channel. This means that regardless of how you're using (expression or sustain) it can only control 1 zone of the PX-5S at a time. (Mike Martin)

Is it possible and if so how can I set the assignable foot peddle to transmit a MIDI CC# to an external component?

Yes. This is not global so you need to edit each stage setting.

Under stage setting, make sure either pedal 1 or pedal 2 is enabled (whatever one you want to assign the CC to). Under target for that Pedal, select the CC # you need. (Scott Hamlin)

I was hoping to move something which is assigned to pedal 1 over to knob #4. The problem is: pedal 1 has an on rate, off rate and mode which knob 4 doesn't seem to have.

Anything assigned to the pedals can be moved to sliders or knobs or wheel. The on/off rate on the pedals is there to give them a slower ramp up/down rather than a sharp on/off. The up/down for knobs and sliders is determined by physical movement of them and therefore not necessary for those. Depending on the application, the pedal may be the optimal controller for a particular function but that doesn't stop us from moving that function to a slider or knob if we want to. (Brad Saucier)

My sustain pedal works backwards. The sustain turns off when the pedal is down.

The PX-5S will automatically detect the polarity of the foot switch on startup. Have you tried turning the PX-5S off/on after the pedal is plugged in? (Scott Hamlin)

Knobs/Sliders

When I turn the knobs/sliders all the way down the sound doesn't return to it's original setting.

The knobs are really just remote controls for digital functions deep inside of the keyboard's firmware. Recalling a stage setting recalls the initial assignments for all of the controllers. Recalling a stage setting also recalls the parameter settings, e.g. EQ curves, that we made when we saved the stage setting. For example, in stage setting 0-0, the EQ was stored "flat" with no boosts or cuts. Recalling stage setting 0-0 will recall a "flat" EQ every time you hit the bank/set buttons "0-0" *no matter what position the knobs are in*. Since EQ is a setting that both "boosts" and "cuts" sound, the parameters for it have a center point where there's no effect on sound at all. Returning the knob to the center point will return EQ to this "flat" setting. Moving the knobs to the far left position is cutting sound. Recall the stage setting again when you want to recall the original EQ settings for that stage setting. (Brad Saucier)

There are two settings to do with the sliders/ knobs. One is the range, (consisting of two numbers - often from 0-127), and one is the starting value (the number which you hear when you first select the stage setting). If the starting value which you have set is not the same as the lowest number of the range (and it can be any number from within that range), then when you return the slider to the bottom it will go back to the lowest number of the range instead.

If you want the starting point (bottom of slider) to be the same as your starting value, you must adjust this range. The range is on the COMMON page of the editor. Min and max under each knob/slider.

In order to find out what your actual starting point is for each zone, you must select the ZONE tab at the top of the page. All of its various settings are given on those pages. (Anne Burton)

How do I assign the knobs or sliders to control zone volume?

The sliders and knobs on the PX-5S are highly configurable. Each slider or knob can do two things at once. Each zone can determine if it uses that physical controller or not.

So for example if you wanted sliders 1-4 to be zone volume. I'd recommend setting it like this:

Slider 1: CC#07 Volume
Slider 2: CC#07 Volume
Slider 3: CC#07 Volume
Slider 4: CC#07 Volume

Then in the Controllers section for Each Zone, you can do this:

Zone 1: Slider 1 ON, Slider 2,3,4 OFF
Zone 2: Slider 2 ON, Slider 1,3,4 OFF
Zone 3: Slider 3 ON, Slider 1,2,4 OFF
Zone 4: Slider 4 ON, Slider 1,2,3 OFF
(Mike Martin)

What's the difference between the resonance, release, attack and cutoff settings (CC71 to CC74) that I can assign to the sliders, and the same settings I can edit on the Filter page?

The slider is adjusting the filter as an offset of what is set in the tone editing. If you have it set at -64 then the slider will not be able to overcome the initial setting. Set your cutoff to 00 for full control of cutoff on the slider. (Brad Saucier)

How do I assign a slider to control a DSP parameter?

There are a couple ways to do that. The easiest is to go to the DSP page (in the editor) and select Auto Pan for your tone. I'm not sure which parameter of the panning you want to control, but let's say you want to select panning LFO rate. Go to Stage Setting > Common and, under the control you want (say, slider 1), find DSP Param 1. You'll probably want to adjust the min and max, since the full 0-127 range will probably be unnecessary.

The DSP parameters are in order of left-to-right, by line top-to-bottom in the DSP page. In other words, for the Auto Pan, the DSP parameters 1-6 are, respectively, Rate, Depth, Waveform, Manual, Wet, and Dry. These are also listed on pages E-19 to E-22 of the User's Guide Tutorial Manual (see www.px-5s.com).

If you download HerbiesRoadz from the Casio Music Forums, you'll find the Auto Pan is accomplished in a different way, using the arpeggiator. This allows it to Auto Pan as well as use the Distortion DSP, since you can't chain more than one DSP. Pretty clever! Unfortunately, that method of Auto Pan is a little less controllable, on the fly.

DAWs / Sequencing Software

How can I use the PX-5S for recording in garageband or any similar DAW? I tried to connect it directly via USB but it's not possible to get it on a track in the DAW.

I use logic and i have to load a new external instruments track. Of course you have to dissable internal sound or you will have double sound. Also check in Daw if midi is assigned to casio. (Mau Van)

CUBASE

Is there a patch script for the PX-5S?

<http://privia.pro.wordpress.com/2013/11/14/privia-px-5s-patch-script-for-cubase/>

Digital Performer

I'm still using Digital Performer version 4.6. When I plug my PX 5 in to DP, it sends and receives midi info just fine - but DP 4.6 naturally can't detect a pulldown patch list for the PX-5S because the PX wasn't around when this software was written. Anyone have any suggestions on how I can continue using my antiquated DAW but still be able to make fuller use of the PX 5?

A midnam file is what is needed although DP should be able to send bank/program changes without them. Midnam files are used by DP and ProTools from what I understand, unfortunately the only tool I've found to create a Midnam file is no longer supported and doesn't work on any Intel based Mac. Still looking for a workaround. (Mike Martin)

Sibelius

How can I avoid getting double-notes in Sibelius notation programme via midi?

Make sure you only have one zone turned on in the PX-5S, or the zones do not overlap.

Cakewalk/Sonar

Is there a Cakewalk / Sonar Instrument definition file for the PX-5S?

<https://www.facebook.com/download/458704967568105/Casio%20Privia%20PX-5S.zip>

Reaper

Is there a Reabank file for the PX-5S?

<http://www.casiomusicforums.com/index.php?%2Ffiles%2Ffile%2F259-reaper-px-5s-patch-list%2F>

PX-5S Data Editor

Where do I get the editor?

<http://support.casio.com/en/support/download.php?cid=008&pid=58>.

Is there a way to edit stage settings in the Data Editor, without being connected to the piano?

No.