This kit has all of the parts needed to use the PNO³ processor as a MIDI controller.

This 83529 MIDI Upgrade Kit does not have all parts needed to connect the PNO³ processor to a legacy QRS system because it does NOT have a “Driver Port B” connector. 

This processor WILL connect to the latest QRS revision 7 driver boards via the PWM Control socket.

PNO³ processors used as MIDI controllers are powered from the 9VDC jack. The 9VDC power adapter for this socket IS supplied with this kit.

The device that this kit connects to must be functional.

This PNO³ will not “calibrate” the keys or pedal solenoids of the controlled unit. We suggest that you assemble the kit on the floor and test before mounting to the piano.

Start at page 6 to test the system before mounting the components.
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<td>79236</td>
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<td>80309</td>
<td>1 Magnetic Mounting Bracket w/screws &amp; straps</td>
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### PLx - Pin-Light Port Extender Package

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<td>PLx - Pin-Light Port Extender Package</td>
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<td>8012406</td>
<td>1 PLx Unit: Lights, IR Sensor; Stereo &amp; USB Ports; Microphone; Button</td>
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<tr>
<td>50126</td>
<td>2 Cable: USB A Male to USB 5-Pin Mini B [1 for computer connection to PNO³]</td>
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<tr>
<td>50128</td>
<td>2 Cable: Audio [1/8&quot; Male to 1/8&quot; Male] 6.5'</td>
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<td>50141</td>
<td>1 Cable: USB Male A to USB Male B</td>
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<td>790185B</td>
<td>1 Cable: 72&quot; Six-Pin Ribbon [Black]</td>
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<td>50145</td>
<td>2 Adapter [1/8&quot;]</td>
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<td>70213</td>
<td>1 Cable [6&quot; - RCA M Plug - 2 RCA F Jacks]</td>
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<td>1 Net gear EX6100 [AC750] Range Extender</td>
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<td>35135</td>
<td>1 Cable: RJ45 Ethernet</td>
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### Other Items

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<td>70152</td>
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<td>7921706</td>
<td>1 Cable: 10-Pin [Use with 10-Pin Coupler to extend PNOscan cable to PNO³]</td>
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<td>8352503</td>
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## MIDI Upgrade Kit Conversion [Parts added to a QRS Upgrade Kit]

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<td>PNO³ Big Button Remote</td>
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<td>70388</td>
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---

Assemble the Magnetic Bracket.

Attach the Magnetic Bracket to the Piano.

- Place the bracket on the PNO³ processor.
- Hold the processor on the piano in a position where the cables will reach.
- Mark it's position, remove the bracket from the processor and then screw the bracket to the piano.

It may be easier to connect the “PNOscan 10” and PLx ribbon cables before placing the processor on the bracket.

Do not insert an SD card into the PNO³ processor.  
The QRS music library is embedded internally.

Verify that these three buttons aren’t stuck.

- This end of the PNO³ chassis may have been bent inward during shipping.
- This may cause one of more of the buttons to be depressed keeping PNO³ from booting properly.
- Press each button, they should move slightly then spring back.
- You should hear a slight “click” when they are pressed.
- If the buttons are pushed in:  
  Use a small screw driver to pry the side of the case out until they work properly.

Connect Optional Record System and the PLX Box Cables.

PNOscan 10 [On systems with the QRS PNOscan record hardware installed.]

- Remove the ribbon cable from the PNOscan interface’s Primary Port.
- Connect this ribbon cable to the PNO’s “PNO scan 10” port.
  The silver “contact” side of the ribbon faces down, away from the “PNO scan 10” label.

Remove this PNOscan interface if installed.

MIDI IN [On systems with a MIDI record strip installed.]

- MIDI IN may be connected to a MIDI Record Interface such as this KS1.
- Connect the MIDI cable, coming from the interface’s MIDI OUT… 
  …to the MIDI IN on the PNO³ processor.

PLX [Pin Light Extension]

- This cable will go to the PLx box that we will be mounting under the keybed.
  The silver “contact” side of the ribbon cable faces down, away from the PLX label.
The PLX “Pin-Light Extension” box serves several functions:

- Six lights will display valuable information about your system.
- The built-in IR Sensor will allow you to use your existing QRS Remote with PNO3.
- Extends several of the PNO³ processor ports to an accessible position on the piano.
- The PLx button can be used to start and stop playback to test the system.

### Connect cables first, then mount the PLX unit under the keybed at the treble side of the piano. [Check cable length to the PNO³ processor]

#### USB HOST

- Use a 50126 “USB A Male to USB Mini B” cable to connect PNO³’s USB HOST port to the USB Mini B port on the PLX box.
- Use to update PNO³’s “File System Version” software.
- Insert a USB Drive containing the PNO³ update file...the update is automatic.
- Use to play MIDI files from a USB Drive.
- Insert USB Drive with MIDI files and select Play Piano / USB Drive.

#### USB CLIENT

- Use the 50141 “USB Male A to USB Male B” cable to connect PNO³’s USB CLIENT port to the “USB A” port on the PLX box.
- MIDI file playback and record via a computer connection and music software.
- Select Play Piano / External Input / MIDI USB Client to play MIDI files from the computer.

#### Audio #1 AUX INPUT

- Insert a 50145 1/8” adapter into the end 1/8” jack on the back of the PLX box.
- Connect a 50128 “1/8” Male to 1/8” Male” cable from the adapter to Audio port #1 on PNO³.
- Connect to an iPad’s audio out jack to the play piano from QRS YouTube Videos. [Play Piano / Video - Enable Aux Input]
- Connect to AMI OUT on a Qsync to play piano from the QRS Sync Along DVDs. [Play Piano / External Input / Auxiliary Line In]

#### Audio #2 OUTPUT

- Mixed Output to home stereo system.
- Use to send separate audio signal “synth piano with the background” to a home stereo system.
- Go to System Setup / Performance & Delay Settings / Mixed Out / Turn ON “Mixed Out” (Upper Right).

#### Audio #3 OUTPUT Speaker

- Use the 990026-“1/8” stereo to two RCA* and the 70213-“6” RCA “Y” cables to connect the speaker to the PNO³ processor.
- Turn ON Mixed Out to send “synth piano with the background” to the piano speaker.
- Go to System Setup / Performance & Delay Settings / Mixed Out / Turn ON “Mixed Out” (Upper Left).

#### Audio #4 OUTPUT Headphones

- Insert a 50145 1/8” adapter into the end 1/8” jack on the PLX box.
- Connect a 50128 “1/8” Male to 1/8” Male” cable from the adapter to Audio port #1 on PNO³.
- Mixed Output - Use to send synth piano with the background audio to the speaker connected to Audio #4.
- Go to System Setup / Performance & Delay Settings / Mixed Out / Turn ON “Mixed Out” (Lower Right).

#### PLX

- Connect the 790185B 72” 6-pin ribbon cable from the PLX port on the PNO³ unit to the back of the PLX box.
- The silver side of the ribbon cable faces the floor at the PLX box and away from the PLX label at the PNO³ processor.
PNO³ MIDI Upgrade Kit Instructions - 83529

Connect the MIDI Cable

**PianoDisc**

The PianoDisc controller, usually mounted at the front of the piano, is not needed to play the piano from PNO³. The PianoDisc controller IS needed to calibrate the keys and pedal solenoid.

IF the PianoDisc controller is removed, do not discard, it can be reconnected to calibrate the system.

Locate the CPU Interface on the back side of the key solenoid rail. Connect the MIDI cable from the MIDI IN to the MIDI OUT on PNO³.

![PianoDisc](image)

**Disklavier**

Connect the MIDI cable from the MIDI IN on the back of the Disklavier controller to the MIDI OUT on PNO³.

Set the “Host Select” on the back of the Disklavier controller to “MIDI”.

![Disklavier](image)

**Connect the Netgear Wi-Fi Range Extender and the PNO³ Power Adapter**

**AC Power**

You will need two AC power outlets under the piano. If one is not available you will need to add an extension cord, not provided with the upgrade kit.

**Netgear**

Connect the Ethernet cable from the Netgear to PNO³. Connect the Netgear to AC power.

**Testing**

Connect the PLX box and Speaker if you are testing the system before mounting the components.

See page 5 for connection details.

**Power Adapter - Connect Last!**

PNO³ will begin to power ON as soon as it is connected to power.

The PianoDisc or Disklavier must be powered ON.
PNO³ will begin to power ON as soon as it is connected to power.

The PLX lights should begin to scan as the operating system is loaded.

Within ten (10) seconds at least one of these PNO³ button lights should illuminate.

If the 1, 2 & 3 lights don’t turn on, disconnect the Power Adapter and remove these two screws from the PNO³ chassis.

Reconnect the power adapter and start again.

PLX light sequence:

Within ninety (90) seconds

#1 “Power” light turns green
#2 “System” = green
#3 “Network” = red and green [The Network light is flashing red because the Ethernet cable is disconnected.]

Within two (2) minutes

Voice-Prompt announcements should be heard from the speaker.
#6 “Prompt” light flashes yellow with audio.

Stand Alone or Network Mode?

All PNO³ processors and Netgear Wi-Fi Range Extenders are shipped to operate in Stand Alone mode. So, you could go to the “Mount and Connect the Netgear Range Extender” section on the next page and follow the Stand Alone Mode instructions below to connect to the system. But... **We suggest that you use Network Mode.**

**Stand Alone Mode**

No connection to the Internet. The third PLX light is green.

Use your device, iPad, to wirelessly connection to QRSPNO####2GEXT, which is what the Netgear will broadcast.

Enter 192.168.1.1 in your web browser. [Apple Safari / Android Browser / Google Chrome]

**Network Mode** - Go to “Network Mode Setup” on the next page.

You MUST be in network mode to receive songs once a purchased Music Subscription expires!

The Netgear Range Extender is bridged to the home network. The third PLX light is yellow.

Your device stays connected to your home network to surf the internet OR to play the piano.

Your home router assigns the IP Address that is used to connect to the PNO³ system.

Enter the IP address in the Apple Safari / Android / Google Chrome browser OR use the QRSFinder app.

PNO³ receives operating system and music updates over the Internet.

Purchased music is released over the Internet...no unlock keys to enter.

**Network Mode Setup**

Put PNO³ in Network Mode [Home router will assign an IP address to PNO³]

QRS Remote Control: Press and release the “SHIFT” button and then press and release “B”. [SHIFT B]

If you don’t have the remote...Press and Hold button number three (3) for just four (4) seconds and then release.

Voice prompts will announce the change and the PLX Network light will flash yellow and red. [Red because cable isn’t connected]

**Program the Netgear Wi-Fi Range Extender**

You will need the home router’s password, and security type, to access the home router when you program the Netgear.

Go to Page 14  WPA Security - A made-up name for the password.

Go to Page 15  WEP Security - The password consists of the numbers 0-9 and the capital letters A-F only.

Return to this page and continue below after programming the Netgear.
PNO³ MIDI Upgrade Kit Instructions - 83529

Connect to PNO³

Device = iPod / iPad / iPhone / Android Phone / Android Tablet / Desktop or Laptop Computer
Browser = Apple Safari / Android Browser / Google Chrome

Stand Alone Mode - The third PLX light is green.

Use your device [Settings / Wi-Fi] to wirelessly connect to the stand alone Netgear - QRSPNO###2GEXT
Use the QRSFinder App or enter 192.168.1.1 in your browser.

Network Mode - The third PLX light is yellow.

Use your device [Settings / Wi-Fi] to wirelessly connect to your home network.
Use the QRSFinder App or enter the IP Address assigned to PNO³ in your browser.

QRSFinder App - Finds and connects to PNO³ matter what IP address is used.
Download from the Apple App Store to use with the Apple iPad, iPhone or iPod.
Download from Google Play store to use with the Android Phone or Tablet.

Voice Prompts - Use the IP Address announced over the speaker.

Press and Release “SHIFT” then Press and Release 3.

You can also tap button #1 on the side of the PNO³ processor to hear the address.

Activate the MIDI OUT Port and Volume Control

Go to: System Setup / Performance Setup / Routing & Delay Settings / MIDI Out

Turn ON the following:
Apply Volume Curve to Velocities
Apply Minimum Velocities
5 Pin MIDI Out

Test Playback

PLX Box

Tap the button on the PLX box.

The piano should play and the “Power” light will flash.
Tap the button again to stop play.

If the piano did not play:

Check the cable and AC power connections and that the PianoDisc or Disklavier system is powered ON.
Does the piano play from the PianoDisc or Disklavier controller?

Test Files

Go to: System Setup / Performance Setup / Test Files

Play the Middle_c.cmp³ test file
Confirm that the middle “C” key plays.
Play Test-Chromatic-Velocity-001.MID file.
Playback Parameters / Solenoid Key Adjust / Pedal Adjust

The adjustments on these three pages do NOT apply to systems connected to the MIDI Out socket of the PNO³ processor. They only apply to QRS player systems using the QRS power supply, solenoid rail and pedal solenoid. The keyboard notes played, note velocity and pedal on/off control are all sent to the “slave” device via the MIDI data. Small MIDI volume adjustments, for the keys only, can be made using the “MIDI Out Adjust” procedure below. But, the “slave” device’s keys and pedal solenoid adjustments “calibration” MUST be made using that systems control unit.

**MIDI OUT Adjust [MIDI Key Adjust]**

Min. MIDI Out [Adjusts the MIDI Out volume level]
Used to make minor “MIDI Volume” adjustments so the keys play, and play evenly.
This adjustment does NOT replace the actual key “calibration” that MUST be performed using the “slave” units control box.

Go to: System Setup / Performance Setup / Routing & Delay Settings / MIDI Out Adjust.

Press Start.

*Note - Press “<” or “>” to go to different key.*
Press the Min. Attack’s “-” or “+” button…
...adjust so that the note plays as softly as possible.
Press the “>” button to move to the next note.
Repeat Min. Attack adjustment for each note.

Press “Stop” when all notes have been adjusted.

Global - Red when ON - Any changes made will effect ALL keys!
Press “<--” or “-->” to play chromatically up and down keyboard.
The “-->” buttons set the current value to all keys upscale.
Master Volume Curves

Master Volume Curves allow you to set the Audio, Synth and Voice Prompt levels at three different positions along Master Volume scale. [Soft Play: Master Volume = 1] [Full Expression: Master Volume = 50] [Maximum is a Master Volume = 100]

Go to: System Setup / Performance Setup / Master Volume Curves

Curve/Volume Wizard - Tap the “Curve/Volume Wizard” button.

Midi Velocity Maps to File Types

For each of the file types, select a curve that matches your piano. 
Play a sample of each type and choose the curve that sounds best, dynamically.
Tap “Next”

Volume Curves

The “Piano” slider will not change the MIDI Out signal to the controlled device. Only the Synth and Audio.

For each of the Volume Curve Configurations in the Wizard:

Soft Playback
Adjust the audio to the level wanted for “Full Expression” and press Next.

Full Expression Playback
Set the audio slider to level wanted for “Full Expression” and press Next.

Loud Playback
Set audio slider to the level wanted for “Loud Playback” and press Next.

MIDI File Setup [*.MID files / Piano & Synth Curves]

Tap the “Play Sample” button to play piano at Soft Play level.
Un-Mute Synth and adjust level of synth piano heard from the speakers.
Tap “Next” to go to Full Expression.
Adjust the Synth levels for Full Expression.
Tap “Next” to go to Loud Playback.
Adjust the Synth levels for Loud Playback
Tap “Next” to go to next Setup.

Repeat the steps above for each configuration in the Wizard.

QRS Solo File Setup [*.QRS files / Synth Curves]
QRS Audio File Setup [*.QRS with *.MID files / Audio & Synth Curves]
Practice Setup [Synth files when triggered by the PNOscan record sensor strip]
Voice Prompt Setup [PNO³ audio announcements]

Tap the “Finish” button at the end of the Wizard.
If you did NOT connected a ribbon cable to the PNOscan 10 port on the PNO³ processor then skip this page.

**Key Adjust**

This procedure calibrates the PNOscan’s key sensors and saves the data to the PNO³ processor.

Go to: System Setup / Record Setup / PNOscan Adjust / PNOscan Keys Basic / Press the “Reset Calibration” button.

The “PNOscan Key Adjustment” dialog box appears.

Press and hold the first bass key.  
When you hear the sound of the note from the speaker, release the key.

*The fifth light on the PLx box should blink.*

Repeat for all 88 keys.  
Press “OK” when finished.

**Pedal Adjust**

Go to: System Setup / Record Setup / PNOscan Adjust / PNOscan Pedals

*The pedal sensors will not work if the Pedal Trigger number is not between the Rest and Down numbers. Use the Trigger Position’s “-” & “+” buttons to change the Trigger number.*

### Sustain Pedal

Tap the “Rest” button.  
Wait for the “Rest” number to change value.

Depress the Sustain Pedal to the floor.  
Tap the “Down” button.  
Wait for the “Down” number to change value.

Release the Sustain Pedal.  
Slowly depress the Sustain Pedal while tapping a piano key.  
When the tone rings, indicating that the dampers have lifted off of the strings  
Tap the “Trigger” button.  
Wait for the Trigger number to change value before releasing the pedal.

Release the Sustain pedal

### Soft Pedal

Tap the “Rest” button.  
Wait for the “Rest” number to change value.

Depress the Soft Pedal to the floor.  
Tap the “Down” button.  
Wait for the “Down” number to change value.  
Tap the “Trigger” button.  
Wait for the “Trigger” number to change value.  
Release the pedal.

*Sostenuto Pedal - No adjustment necessary.*
Listen to a song with piano and audio to verify that they are in-sync with each other.

Go to: Play Piano / Songs

Touch, or click, on a blue or black titled song name to play a song that plays the piano keys with a audio through the speaker.

Make a “MIDI OUT Delay” adjustment, below, if the piano is not in sync with the audio background.

### MIDI OUT Delay

Use this adjustment to synchronize the piano with the audio.

Go to: System Setup / Performance Setup / Routing & Delay Settings / MIDI Out.

**5-pin MIDI Out Delay (ms)**

Press the “-” and “+” buttons to change the delay of the piano. [500ms is the default setting]
Menu Basics

Touch/Click the “Play” triangle to play the queued song.

Touch/Click on a song name to play that song.

Search by:
- Song
- Artist
- Album
- Genre
- QRS Catalog Number:
  - 40 = Solo “Nostalgic” series
  - 80 = Solo “Performance” & “Tribute”
  - 66 = Original Artist “Sync Along”
  - 86 & 87 = Concert Series

Top Level Menu

Go Back one menu level
Toggles Show or Hide Menu
Stop Play
Pause Play
Start Play
Toggles ON or Standby
Record

Search

Shortcuts
Create Playlists

Transposer - No affect on MIDI Out

Red Songs
- Piano Only - QRS Produced

Nostalgic/Performance
- Concert Series

Blue Songs
- Piano with Audio Accompaniment - QRS Produced

Concert Series

Black Songs
- Piano with Audio Accompaniment - Original Artist’s Audio

Sync Along Series

40 = Solo “Nostalgic” series
80 = Solo “Performance” & “Tribute”
66 = Original Artist “Sync Along”
86 & 87 = Concert Series
Flip the switch on the Netgear to the “Access Point/Extender” position.

Plug the Netgear into an AC outlet near the home Wi-Fi router.

*Do not connect the Ethernet cable.*

*If the Netgear does not power on, press the “Power On/Off” button.*

*Wait, about 40 seconds, for the Power LED to turn green.*

Use a paper clip to Press and Hold the “Factory Reset” button for about 12 seconds.

*Wait for the amber “Power LED” to blink at least 3 times before releasing the reset button.*

Go to your device’s Wi-Fi settings page and Select the “EX6100_Netgear_2GEXT”.

*You may want to turn the Wi-Fi OFF and then ON to refresh the Wi-Fi list.*

The reset EX6100 broadcasts two SSIDs: EX6100_Netgear...2GEXT & 5GEXT

The Netgear “genie” should appear within one minute.

Enter “www.mywifiext.net” into your web browser if the genie doesn’t appear.

*If requested, enter username = “admin” and password = “password and then Select “Log In”.*

Select your home Wi-Fi network from the 2G list.

Select “Continue”.

Enter your home Wi-Fi password.

Select “Continue”.

Skip the 5G network

Select “Private Network”.

Select “Continue”.

Summary Page:

Move to the bottom of the page and select “Continue”.

Select “OK”.

Wait for the Netgear to apply changes and reboot.

Verify that the Netgear is “Bridged” to your home network:

*The reprogrammed Netgear will be renamed to incorporate your home name.*

Go to your device’s Wi-Fi settings and Select “homeroutername_2GEXT”.

*You be required to enter your home router’s password again.*

Use your browser to see if you can surf the internet.

If you can’t surf the internet you must repeat this process to reprogram the Netgear.

If you CAN surf the internet then the Netgear is “Bridged” and you can continue with the installation.
Flip the switch on the Netgear to the “Access Point/Extender” position.

Plug the Netgear into an AC outlet near the home Wi-Fi router.

Do not connect the Ethernet cable.

If the Net gear does not power on, press the “Power On/Off” button.

Wait, about 40 seconds, for the Power LED to turn green.

Use a paper clip to Press and Hold the “Factory Reset” button for about 12 seconds.

Wait for the amber “Power LED” to blink at least 3 times before releasing the reset button.

Go to your device’s Wi-Fi settings page and Select the “EX6100_Netgear_2GEXT”.

You may want to turn the Wi-Fi OFF and then ON to refresh the Wi-Fi list.

The reset EX6100 broadcasts two SSIDs: EX6100_Netgear...2GEXT & 5GEXT

The Netgear “genie” should appear within one minute.

Enter “www.mywifiext.net” into your web browser if the genie doesn’t appear.

If requested, enter username = “admin” and password = “password” and then Select “Log In”.

Select your home Wi-Fi network from the 2G list.
Select “Continue”.

Enter your home Wi-Fi password in the “Key 1” box.
WEP Security [Capital Letters A-F and Numbers 0-9]
Select “Continue”.

Skip the 5G network

Select “Private Network”.
Select “Continue”.

Summary Page:
Move to the bottom of the page and select “Continue”.
Select “OK”.

Wait for the Net gear to apply changes and reboot.

Verify that the Netgear is “Bridged” to your home network:

The reprogrammed Net gear will be renamed to incorporate you home Wi-Fi name.

Go to your device’s Wi-Fi settings and Select “homeroutername_2GEXT”.
You be required to enter your home router’s password again.

Use your browser to see if you can surf the internet.

If you can’t surf the internet you must repeat this process to reprogram the Netgear.
If you CAN surf the internet then the Netgear is “Bridged” and you can continue with the installation.
QRS Music Technologies, Inc. ("QRS") warrants to you for the Warranty Period that there are no defects in the materials of this Product (as identified at the end of this warranty certificate). The "Warranty Period" expires (except as explained below) One (1) year from the date of your purchase of the Product. In order to determine the date of your purchase of the Product, you will need to provide us with a credit card receipt, a purchase agreement, a sales slip, a warranty registration or some other form of proof that you are the original purchaser and the date of your purchase of the Product.

If you are not able to provide us with some form of proof of purchase date, the Warranty Period will be a shorter period (the "Shorter Warranty Period") which is one year from the date that your dealer purchased the Product from QRS. If you cannot provide a proof of purchase date, you may contact us in the manner described below and we will assist you in determining the date that your dealer purchased the Product from us and determining the Shorter Warranty Period. This is a warranty for parts only and does not include shipping or labor.

This warranty does not apply to any accessories you may have purchased with the product and does not apply to any piano or components of the piano with which the product is used or any piano in which the product is installed. In addition, this warranty does not cover scratches, dents or other defects in the cosmetic finish of the product. Accessories used in connection with the system and sold through QRS are covered by the original manufacturers warranty. The warranty does not cover connectivity issues with your existing network.

The warranty is issued solely to the original purchaser of the product. THIS WARRANTY IS NOT TRANSFERABLE. If, during the Warranty Period, parts incorporated in this product are found to be defective in material or workmanship, and the original purchaser provides Purchase Documents to QRS, then QRS or its authorized dealer will provide replacement parts without charge. We may, at our discretion, provide reconditioned parts or assemblies as warranty replacements. You as the original purchaser will be responsible to pay labor costs incurred in connection with any repair.

EXTENDED WARRANTY

As long as the customer has their piano networked and part of a QRS Music Access Plan, their warranty will remain in effect.

LIMITATION IN CONNECTION WITH OBSOLETE PRODUCTS

If at the time you make a claim pursuant to this warranty, we no longer manufacture or sell the same model of Product, we may, at our discretion, rather than repair or replace defective parts in the Product, offer to sell you a more current version of a similar Product. If we offer to sell you a more current model of the Product, you will be responsible to pay the difference between the Manufacturer's Suggested Retail Price ("MSRP") of the more current version of a similar Product and the price you paid for the Product you purchased. If you choose not to accept such offer, we will have no further obligations pursuant to this warranty.

THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, MADE BY THE MANUFACTURER IN CONNECTION WITH THIS PRODUCT. INCLUDING, BUT NOT LIMITED TO, WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT ALLOWED BY THE LAW, QRS SHALL NOT BE RESPONSIBLE FOR LOSS OF THE PRODUCT, LOSS OF TIME, INCONVENIENCE, COMMERCIAL LOSS, SPECIAL OR CONSEQUENTIAL DAMAGES, EVEN IF THE MANUFACTURER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

This warranty gives you specific legal rights. Some states provide other rights, and some states do not allow excluding or limiting liability for incidental or consequential damage. Consequently, the limitations and exclusions in this warranty may not apply to you. In addition, some jurisdictions have consumer protection rules, regulations and statutes that may apply to you.