

MECHANICAL ASPECTS	PNO_OT	PNO_OT Workshop	PNO Installed
Portable: Move it from piano to piano, great for all kind of events where piano music is appropriate but there is no player.	✓	✓	
Requires no modification to the piano: An installed system requires modifications to the action, keybed and in many cases the trapwork. This may be unacceptable for a pure pianist or a family heirloom. But PNOmation OT allows you to hear it.	✓	✓	
Plays from the top like a pianist: Playing from the top gives you the true representation of how a piano action responds as if a pianist is playing. You get better timing and dynamic control.	✓	✓	
No field tech required: Field setup in the home is DIY. The OT comes preset to perform well with access to the software setups to tweak it in.	✓	✓	
Works with PNOscan record: An installed system is the best way to go for a record and playback system. The PNOmation OT sits on top of the keys, hence preventing the ability to play it manually unless you remove it. Although possible its not so convenient.	—	—	✓
Plunger finger travel adjustments require no tools: One of the most critical settings for any player is that the travel of the plunger finger has to match the travel of the key. This can be adjusted as you look at it from above. If this setting is not correct in a field installation. your performance will not be optimal.	✓	✓	
Quiet: No mechanical noise, with PNOmation OT there is a natural piano action key return with no plunger drop noise, no key drop separation noise. Unless you have a factory certified installation, mechanical noise may be an issue.	✓	✓	✓
Pedal works like a real pedal should: Many non factory certified installed systems modify the pedal trap work to make room for a pedal solenoid and its mechanical interface that can modify feel and introduce noise	✓	✓	—
Aesthetics of sitting on top of the keys: Although its design melds nicely into the natural lines of a piano and has a kind of cool “whats this” factor, it is easily the biggest objection to a portable player. Even though when not in use it can be easily removed.	—	—	✓
Wheeled Shipping and travel cases: UPS shippable cases with wheels and handles make it easy to move around.	✓	✓	
SOFTWARE ASPECTS			
PNOmation 3 playback OS: With no reliance on streaming or specific user device or app. It sets the standard all others follow	✓	✓	✓
Action Break in tests and reports: PNOmation OT is great for piano workshops and factory's, dedicated break-in files and reporting insure quality delivery of rebuilt and new pianos.	✓	✓	
Playlists and Schedules: Wedding reception starting at 5 and party at 9 no problem set any playlist to start when you need it to with the music you need and the volume you want.	✓	✓	✓
Music: The worlds largest and best player piano music library, with its patented SyncAlong is included	✓	—	✓

QRS PNOmATION OT - FREQUENTLY ASKED QUESTIONS



TOWER 42# 11"L 10"W 23"H
WITH CASE 64# 14"L 15"W 32"H

RAIL 36# 51-1/2"L 4-1/8"W 5-1/2"H
WITH CASE 59# 63"L 12"H 10"W

How much does the rail weigh?

- The rail out of the shipping box weighs 35lbs - thats 15lbs less than what your luggage can weigh at the airport. Add the two handles and side pockets it is very easy to lift and align.
- The side car comes with wheels and a handle. It does not need to be lifted. It weighs a bit over 40lbs.
- The shipping boxes are specially designed for shipping using common carrier or UPS.

How do you align the plungers with the key tops?

- It should line up out of the box, but if you have a narrow spread or wide spread you can move the major plates that hold the solenoids and plungers with just the turn of a screwdriver. Of course the cheek block stands have nice wide feet for left to right adjustment of the entire rail.

Can the system play on an old piano?

- Yes, the key adjustments are similar to our robust retrofit install systems, where we have to account for many nuances encountered in the field with actions and their regulation.

I have a smaller keyboard will it work?

- The rail is designed for an 88 note keyboard. It spans the keyboard. It is possible to remove plungers to make it fit but the difficulty will be how it will rest on cheek blocks. It most likely will require a custom unit and cover which at this time we do not sell. Your best option may be to move to an installed version of our player.

Will it play MIDI back?

- Yes, There is a 5 pin MIDI input on the back, also you can use Bluetooth MIDI, or USB MIDI Inputs. The system by default comes with MIDI test files built in. The Home version comes with the availability of the QRS Music Library.

I have a recording studio and am concerned about mechanical noises?

- Interestingly enough this can be a much better solution than an installed system and of course sampled sounds. Because it sits on top of the keys, all of the software and mechanical adjustments are in your control. Its interaction with the piano is left only to the specially designed tips (no springs). When set correctly the mechanical playback sound is imperceptible. You then have the flexibility to bring it to different pianos, work late... Special studio user interface is also included.

Do you have a workshop version? Is there a price difference?

- Yes. The workshop and studio versions are the same and less expensive. It does not include the QRS Music Library. Also you can return the traveling cases for a credit.

How does it compare to an installed version?

- The biggest difference is that it sits on top of the keys where a piano is typically played. Setting the travel to match the keys is critical to performance and must be done right at the time of install or its very hard to fix, but easy on the PNOmation OT. When the keys and solenoids match up, the action performance is as it is designed - no action drop noise potential, timing and dynamics are superb. Your piano remains as is so there is no need to cut into it, plus you can move the unit to a new piano, a friends party, rent it out or resell.

Is there a sustain pedal attachment?

- Yes there is an optional attachment part number 83555. The electronics and software to control it are currently in place. The PNOmation OT uses QRS's proven Magic Pedal mode in lieu of having to use a pedal. In Magic Pedal mode the notes are held down for the duration of the sustain event vs raising the damper rail. Some resonance is lost, the piano can play quieter and setup takes a bit less time.

What is the warranty? - 1 year unless you are in a music "All Access" plan.

