Adding QSX Processors to Existing HomeWorks QS Systems– FAQ

Revision A (08/27/2019)

The Lutron QSX processor (HQP7-1, HQP7-2) is Lutron's latest processor for HomeWorks. This precisely engineered processor brings QS wired, QS wireless and Ketra together in a single system, making it a fully integrated solution. It also offers upgraded processing power and memory which will support future features and enhancements. This solution will help your business by making it easier and faster to design, install, activate, program and service HomeWorks.

Since the QSX processor offers the above benefits, homeowners/dealers may be interested in upgrading processors on an existing job. HomeWorks QS databases will migrate natively, but not all link types will be supported at by the QSX processor. This document will outline what components and features will be supported at launch to help determine if an upgrade is feasible.

Also, since the QSX processor was announced well before shipping, it is likely there will be new jobs that need to move forward using QS processors as placeholders. For these jobs, it is important to design the system using components that will all be supported by the QSX processor at launch.

There may also be jobs that plan to move forward using QS processors permanently. This is most likely to be the case of jobs where loads are already landed in RPM panels, or jobs involving Ketra. Legacy Ketra components, the RPM Panel Link, and other Legacy Links will not be supported by the QSX processor. It is completely acceptable to move forward with a project using these components, it is just important to be aware of the limitations.

For more detailed information on using Legacy Ketra products (Design Studio 3.0) with HomeWorks QS (14.X-15.X), see *Application Note #696 - Integrating Ketra Products into HomeWorks QS Systems*.

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GENERAL FAQS

What does it do?

This precisely engineered processor brings QS wired, QS wireless and Ketra together in a single system, making it a fully integrated solution.

How will this solution help my business?

Makes it easier and faster to design, install, activate, program and service HomeWorks.

What are the features and benefits?

- Increased processing power and memory to manage larger, more complex projects and support future capabilities
- Compatible with all existing HomeWorks wired QS and wireless RF devices, in addition to Ketra light sources (through the addition of a Clear Connect Gateway)
- Always up to date — your customers will have the latest capabilities, devices support, and security updates
- Securely connects to third-party integration partners with built-in Connect Bridge technology
- Streamlines upgrades from existing HomeWorks QS systems by carrying databases forward

SUPPORTED DEVICES

What devices are supported by the QSX processor?

All HomeWorks QS wired devices* and all HomeWorks QS wireless devices (Clear Connect Type A) are supported by the QSX processor. Ketra lamps that use Clear Connect Type X will also be supported.

*Dynamic Keypad not supported

What devices are not supported by the QSX processor?

- Power Panels (RPMs)
- H48/Q96 (QED Shades)
- HWI Keypads
- Legacy GRX/WPM
- pre-Clear Connect Type X Ketra

What is the current proposed solution for HomeWorks Illumination (and LiteTouch) Upgrades?

Upgrading to HomeWorks QS processors is still the recommended solution for these upgrades. See the following documents for more information:

Upgrading Existing Systems to HomeWorks QS – FAQ

Application Note #537

Application Note #586

HomeWorks Illumination to HomeWorks QS Checklist

DATABASE MIGRATION

Will an existing HomeWorks QS database work with the QSX processor?

Upgrading databases to version 16 is no more difficult than upgrading between any other version of HomeWorks QS software. Simply open the database in the latest version (16.0 and above) and it will automatically convert the project to a QSX ready project.

Since the processor is swapped when upgrading to QSX, integrations will need to be reconfigured. This includes integration with voice control and audio. Since these integrations will need to be reconfigured, budget accordingly.

Imported databases will drop unsupported products like legacy gear. QS processors will be replaced with QSX on upgrade.

INTERNET REQUIREMENTS

Since the processor is cloud connected, is an internet connection required for commissioning?

No. Local only mode/offline mode is still allowed.

Since the processor is cloud connected, is there a way to prevent firmware updates from being applied?

Yes. However, it is not recommended. The firmware update process on the QSX processor will be very robust and handled in a similar manner as automatic Connect Bridge updates (which can't be disabled).

INTEGRATION

Is Telnet Supported by the QSX processor?

No. All integrations (local and remote) are performed with the LEAP API.

HARDWARE/MOUNTING

Is the QSX processor DIN rail mounted?

Yes. Ships with a single piece of DIN that has holes for mounting screws that exactly match the mounting screws of the HQP6 proc.

How is the QSX processor powered/wired?

Same wiring and power options and HQP6.

How many links does the QSX processor support?

1 or 2 configurable links:

- Supports QS and RF links
- No MI link or legacy links at launch