

## JSR Control Panel Release Notes Version 3.3.0.0, March, 2011

### Major new or improved features

- Compatible with Windows® Vista and Windows 7 platforms, 32-bit, 64-bit, and WoW64 (32-bit on 64-bit OS)
- DPR300 instruments are now supported (Supports PRC50, DPR500, and DPR300).
- ActiveX control is available for the JSR Common API (Visual Basic, C++, or C# with example code).

### Operating System Support

- Windows 7 (32 bit and 64 bit): Fully Supported
- Windows Vista (32 bit): Fully Supported
- Windows Vista (64 bit): Compatible
- Windows Embedded (32 bit and 64 bit): Compatible
- Windows XP (32 bit and 64 bit): Fully Supported

### Installation note

The JSR Control Panel installer automatically detects whether 32 / 64 bit versions of the operating system and installs the appropriate drivers and files for each configuration.

64-bit installations allow you to select either a 64-bit version, a 32:64 version (32-bit version on a 64-bit OS) or both. See the JSR Common API Programmers' Reference Manual for information on developing your own Windows application.

### Known Limitations

- The PRC50 drivers may not uninstall properly. Use Windows Device Manager to manually uninstall the "Jungo WinDriver" and "JSR Ultrasonics PRC50" drivers. Run the uninstaller, then manually uninstall the drivers, before rerunning the installer.
- PRC50 only: The JSR Control Panel's status bar does not indicate the proper Energy Control setting. However, the Energy Control window does show the proper value and the PRC50 is properly set to the Energy Level selected by the user.
- PRC50 only: On Windows Vista and Windows 7, the slot number shown on the instrument selection menu shows "0" rather than the actual physical slot.
- DPR500 only: The maximum PRF JSR Control Panel can set for the RP-U4 Remote Pulser is 20 KHz even though the hardware is capable of a 50 KHz PRF. External triggering works fine up to 50 KHz.
- DPR300 only: The Pulser PRF and Voltage (Pulse Amplitude) controls each have only 16 possible values in tables but the pull-down lists for each control show intermediate values that can not be set. The software will set and display the closest value to the one selected.
- DPR300 only: When a DPR300 is controlled through a USB/RS-232 dongle, some of the controls on the JSR Control Panel will initialize as empty and the status bar will show the status JSR\_FAIL\_DPR\_NO\_DATA\_AVAILABLE. There is no work-around and a DPR300 connected via a hardware COM port works properly.
- Some USB/RS-232 dongles have driver compatibility problems on Windows Vista. This is not caused by the JSR instruments or software but can prevent proper control.