

Codonics Horizon Operating Software

Technical Brief

Version 4.1.0 Release Notes

Summary

Horizon® 4.1.0 software provides improvements to the Picker Carriage Position, Media ID, and Image Density for Film.

Products Affected

GS/G2/G1 Imagers containing newer hardware identified by the serial number prefix 150C are affected. Please contact your Codonics representative for further information.

The Imager Software Version can be determined using the Control Panel by viewing the Imager Info screen from the Utilities menu.

NOTE: Horizon Imagers with serial number prefix 150C cannot be downgraded to any previous software version below 4.0.0. Imagers with a serial number prefix other than 150C cannot have their software upgraded to 4.0.0.

Adaptive Updates

- ◆ None in this release.

Perfective Updates

- ◆ **Picker Carriage Position.** The picker carriage position for each media input slot is set at the factory. With the current software this position may drift between power cycles, leading to poor media picking results. Horizon 4.1.0 software compensates for this drift by homing the carriage on any failed pick attempt and also periodically for improved picking performance.
- ◆ **Media ID.** Horizon 4.1.0 software includes several changes to make the Media ID system more robust.
 - ◆ The number of retries when reading and adopting a media cassette was increased.

- ◆ Turn off Media ID power when switching between media input slots.
- ◆ A configuration change was made to a chip on the internal Media ID board that reduces the likelihood of memory corruption on the Media ID reader. The software checks the chip configuration on power up and if necessary, updates it with a new value.
- ◆ **Image Density for Film.** The current software uses one print power setting for all film sizes. Horizon 4.1.0 software adds separate print power settings for film based on media size for improved image density. After upgrading an imager to 4.1.0, densities will be somewhat lighter on 8x10 prints. If needed, perform film calibration process for 8x10 film to correct the issue.
- ◆ Horizon 4.1.0 software provides factory support for media keys 32 to 255.

Corrective Updates

- ◆ None in this release.

Known Common Issues

- ◆ Previous issues can be found in previous release notes.

Known Uncommon Issues

- ◆ Previous issues can be found in previous release notes.

Technical Support

If problems occur during software installation, please contact Codonics Technical Support at any time.

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Website: www.codonics.com

Get it all with just one call
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