

## Syrinx Firmware Technical Bulletin


TB17-005 *ckk*

Bulletin No.	<del>TByy-xxx</del>	Issue	01		
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Date of issue is deemed the latest of the Approval dates.

**Subject: Syrinx DVL Firmware Release 2 Revision C**

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### Summary:

A new version of firmware, Release 2 Revision C, has been released for the Syrinx DVL.

This version of firmware improves system timing stability and logging functionality which may cause some messages to have a delayed response. This would have been evident by a trigger going into the unit but a delayed reply being output rather than immediately after the acquisition processing has completed

Release notes for Release 2 Revision B, which if not already installed on the unit is included with this update, are appended to this document.

To identify if a system requires an update, check the firmware versions running on the Syrinx DVL against the numbers below, if they do not match then the update should be applied.

WebUI: V2.1.4.1

DSP: V1.03.02.00

SYS: V2.02.04.0

For information regarding the installation of Sonardyne Web Updates to the Syrinx DVL please refer to the user manual.

Should you require any further clarification please contact customer support on [support@sonardyne.com](mailto:support@sonardyne.com) or +44 1252 872288.

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**END**

# Release Notes

## 1 General Information

<b>Product/software Name:</b>	<b>Syrinx DVL</b>
<b>Version</b>	Release 2 Revision B
<b>Release Date</b>	18 April 2017

## 2 Enhancements/Bug Fixes

<b>Summary</b>
New acquisition and tracking algorithms implemented to improve performance in harsh environments
Support added for lower gain hardware
PD0, PD3 and PD4 are now available for output as ASCII representations of the binary message.
Configurable trigger delay added to allow custom time delay between time of trigger and time of acoustic transmission.
Log files are now accessible via FTP.
Log files rollover when reaching 100MB file size.
New log files created when time is set via the TIME command.

## 3 Installation Notes

Once the installation has started extreme care must be taken to ensure power is not interrupted to the Syrinx DVL or PC as this will leave the unit in an unknown state and may stop some functionality.

## 4 Known Problems

Due to a technical issue you are unable to roll back to releases prior to Release 2 Rev B once this firmware is installed.

## 5 Contact Information

For further support please contact:

[support@sonardyne.com](mailto:support@sonardyne.com)