

# PinPoint™

## Software Update

### Installation Instructions

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# Chapter 1: PinPoint™ Software Update Instructions

## Parts List

To update system software you will need the latest version of software available for your system.

**Important:** If you are a dealer, the latest version of software is available through your dealer portal or CapstanAG representative. If you are an operator contact your local dealer or CapstanAG representative to get the latest version of software.

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|---|---|
| <p>PinPoint™ II CapView II</p>  <p>The image shows a rectangular control panel with a large black screen on the left. To the right of the screen are several buttons: 'NOZZLE SETUP', 'SYSTEM SETUP', 'LOCATION SETUP', 'ALARM', 'TURN', 'OVERLAP', 'POWER', 'AUTO/MANUAL', and 'ENTER'. Below the screen are four numbered buttons (1-4). At the bottom left is the CapstanAG logo and 'PATENT INFORMATION WWW.BLENDEPULSE.COM'. At the bottom right are 'ESCAPE/MAP' and 'ENTER' buttons.</p>                       | <p>PinPoint™ II thumb drive</p>  <p>A black USB thumb drive with a silver USB connector. It has a small loop at the top and the CapstanAG logo and name printed on the side.</p>                   |
| <p>PinPoint™ CapView</p>  <p>The image shows a rounded rectangular control panel. It features a central screen displaying a grid. Above the screen are buttons for 'AUTO/MANUAL', 'ALARM', 'TURN', 'OVERLAP', and 'POWER'. To the left of the screen are 'NOZZLE SETUP', 'SYSTEM SETUP', and 'LOCATION SETUP' buttons. Below the screen are four numbered buttons (1-4). The bottom of the panel has the 'PinPoint' logo and 'Serial# PP0027'. The CapstanAG logo and name are also visible at the bottom right.</p> | <p>PinPoint™ thumb drive</p>  <p>A blue and silver USB thumb drive. The silver part has 'CAPSTAN AG SYSTEMS, INC.' printed on it. It has a silver USB connector and a silver loop at the top.</p> |

## Update PinPoint™ II Software

This procedure is for updating PinPoint™ II and CapView II display.

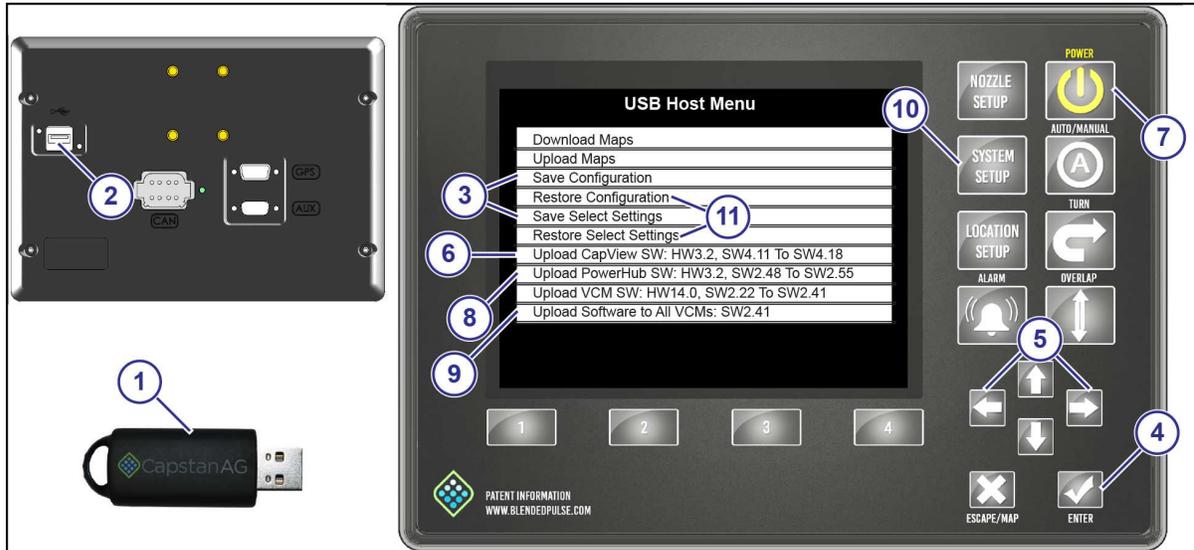


Fig. 1:

1. Insert the USB thumb drive (1) into the back of the CapView display (2).

2. The **USB Host Menu** will show on the screen.

3. Use the up or down arrow to go to the **Save Configuration** or **Save Select Settings** line (3).

Use **Save Configuration** if you are saving the information for the same sprayer and have not made significant system changes, like changing the number of VCMs.

For software released October 2018 and after, use **Save Select Settings** if you are saving information to use on a different sprayer or have made significant system changes, like changing the number of VCMs.

4. Press the **ENTER** button (4).

A message screen will show on the display.

5. Use the left or right arrow button (5) to select **YES**.

6. Press the **ENTER** button.

The CapView display will show the **USB Host Menu**.

7. Go to the **Upload CapView SW:** line (6).

**Important:** CapView software must be updated first.

On the list, on the upload software lines, there is two software versions that show. The software version on the left is the version that is currently on your hardware. The software on the right is the version available on the USB thumb drive. Do not upload the same version of software unless advised to do so by a CapstanAG representative.

8. Press the **ENTER** button.

The lights on the display will flash for a few moments and the CapView display will automatically power down.

9. Wait five seconds and then press the **POWER** button (7).

The CapView display will turn on and a splash screen will show a progress bar advancing across the screen.

You do not have to wait until the progress bar disappears before continuing with the procedure.

10. Use the up or down arrow to go to the **Upload PowerHub SW**: line (8).

11. Press the **ENTER** button.

12. **Upload Gateway Code** and a progress bar will show on the screen.

13. When the update process is complete, the **USB Host Menu** will show.

14. Go to the **Upload Software to All VCMs**: line (9).

**Note:** If your system has both 9-channel and 15-channel VCMs you must select the Upload Software for All VCMs for each version of hardware that is on your system.

15. Press the **ENTER** button.

16. **Upload VCM Code** and a progress bar will show.

17. When the update process is complete, the **USB Host Menu** will show.

18. Remove the USB thumb drive from the back of the CapView display.

19. Press the **SYSTEM SETUP** button (10).

The first line of the **System Setup** menu is the **Operation Mode** line.

20. Make sure that the operation mode is correct:

- Synchro
- SharpShooter
- N-Ject

21. Use the up or down arrow to go to the **Advanced Settings** line.

22. Press the **ENTER** button.

23. Use the up or down arrow to go to the **Factory Reset** line.

24. Press the **ENTER** button.

A message screen will show on the display.

25. Use the left or right arrow button to select **YES**.

26. Press the **ENTER** button.

The display will power off.

27. Wait five seconds and then press the **POWER** button.

A message will show on the CapView display.

28. Press the **ENTER** button.

29. Insert the USB thumb drive into the back of the CapView.

The **USB Host Menu** screen will show.

30. Use the up or down arrow to go the **Restore Configuration** or **Restore Select Settings** line (11).

If you saved configurations use the **Restore Configuration**.

For software released October 2018 and after, if you saved select files use the **Restore Select Settings**.

31. Press the **ENTER** button.

A message will show.

32. Use the left or right arrow button to select **YES**.

33. Press the **ENTER** button.

The display will power down.

34. Remove the USB thumb drive from the back of the CapView display.

35. Press the **POWER** button.

36. Press the **SYSTEM SETUP** button.

37. Make sure that the system shows the correct **Operation Mode** and that other settings are correct.

## Update PinPoint™ Software

This procedure is for updating the original PinPoint™ and CapView.

The latest version of software available for the original PinPoint™ and CapView system is software suite version 1.94. If the CapView does not look like the illustration below then you have a PinPoint™ II system and not the original PinPoint™ system.

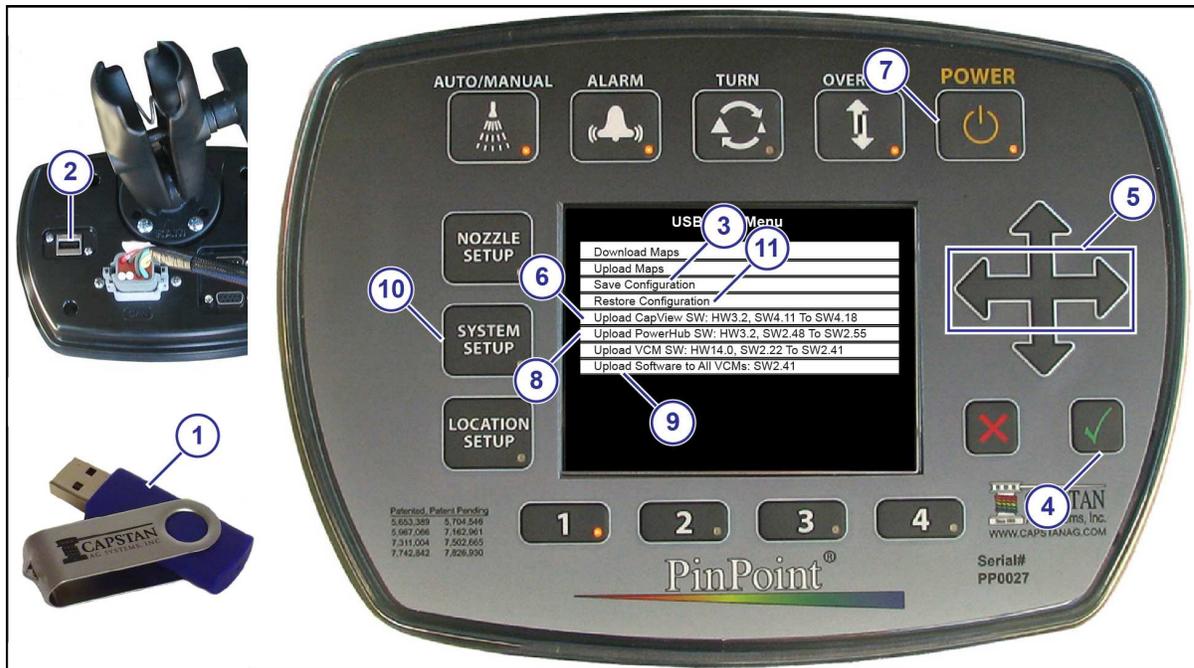


Fig. 2:

1. Insert the USB thumb drive (1) into the back of the CapView display (2).
2. The **USB Host Menu** will show on the screen.
3. Use the up or down arrow to go to the **Save Configuration** line (3).
4. Press the **ENTER** button (4).  
A message screen will show on the display.
5. Use the left or right arrow button (5) to select **YES**.
6. Press the **ENTER** button.  
The CapView display will show the **USB Host Menu**.
7. Go to the **Upload CapView SW:** line (6).

**Important:** CapView software must be updated first.

On the list, on the upload software lines, there is two software versions that show. The software version on the left is the version that is currently on your hardware. The software on the right is the version available on the USB thumb drive. Do not upload the same version of software unless advised to do so by a CapstanAG representative.

8. Press the **ENTER** button.  
The lights on the display will flash for a few moments and the CapView display will automatically power down.
9. Wait five seconds and then press the **POWER** button (7).

The CapView display will turn on and a splash screen will show a progress bar advancing across the screen.

You do not have to wait until the progress bar disappears before continuing with the procedure.

10. Use the up or down arrow to go to the **Upload PowerHub SW:** line (8).

11. Press the **ENTER** button.

12. **Upload Gateway Code** and a process bar will show on the screen.

13. When the update process is complete, the **USB Host Menu** will show.

14. Go to the **Upload Software to All VCMs:** line (9).

**Note:** If your system has both 9-channel and 15-channel VCMs you must select the Upload Software for All VCMs for each version of hardware that is on your system.

15. Press the **ENTER** button.

16. **Upload VCM Code** and a progress bar will show.

17. When the update process is complete, the **USB Host Menu** will show.

18. Remove the USB thumb drive from the back of the CapView display.

19. Press the **SYSTEM SETUP** button (10).

The first line of the *System Setup* menu is the **Operation Mode** line.

20. Make sure that the operation mode is correct:

- Synchro
- SharpShooter
- N-Ject

21. Use the up or down arrow to go to the **Advanced Settings** line.

22. Press the **ENTER** button.

23. Use the up or down arrow to go to the **Factory Reset** line.

24. Press the **ENTER** button.

A message screen will show on the display.

25. Use the left or right arrow button to select **YES**.

26. Press the **ENTER** button.

The display will power off.

27. Wait five seconds and then press the **POWER** button.

A message will show on the CapView display.

28. Press the **ENTER** button.

29. Insert the USB thumb drive into the back of the CapView.

The **USB Host Menu** screen will show.

30. Use the up or down arrow to go the **Restore Configuration** line (11).

31. Press the **ENTER** button.

A message will show.

32. Use the left or right arrow button to select **YES**.

33. Press the **ENTER** button.

The display will power down.

34. Remove the USB thumb drive from the back of the CapView display.

35. Press the **POWER** button.

36. Press the **SYSTEM SETUP** button.

37. Make sure that the system shows the correct **Operation Mode** and that other settings are correct.

