FAQ XDM-XDX

1. What are the XDM & XDX?

Answer: The XDM and XDX are 4K Native RGB laser projectors for the proav industry with brightness up to 40,000 lumens.

2. Which models are available?

Answer: We will launch 2 native 4K projectors. The XDM reaches a brightness up to 25.000 lumens and the XDX reaches a brightness up to 40.000 lumens

3. What is the price of the 2 projectors?

Answer: Please contact your local sales for more information on pricing & packages.

4. Where can I see the XDM & XDX?

Answer: Barco sales: You can order a demo unit through the demo pool system.
Others: Please contact your local sales for demo requests.

5. Are the XDM/XDX CCC approved?

Answer: Yes, they are CCC approved.

6. Where can I buy a XDM or XDX in my region?

Answer: Please fill out a contact form on www.barco.com/en/contact or contact your local sales representative for more information.

7. When will the XDM/XDX be shipping?

Answer: They start shipping in 1H 2022.

8. What is the resolution of the 2 versions?

Answer: The native resolution is 4096 x 2160.

9. Can I connect the XDM/XDX to a normal power socket?

Answer:
The power input of the projector can be configured in one of three different configurations, depending on the local power supply:

- In a **Y configuration** (3W+N+PE) for a three phase power supply of 200-240 V / 346-415 V. In this configuration, 346-415 V is measured between the lines while 200-240V is measured between the lines and the neutral.
- In a **Δ configuration** (3W+PE) for a three phase power supply of 200-240 V. In this configuration, 200-240 V is measured between the lines.
- In a **mono phase configuration** (L1+N+PE) for a mono phase power supply of 200-240 V. In this configuration, 200-240 V is measured between L1 and the neutral (N) or L2.

10. What is the lens shift?

Answer:
1) For the XDX-4K40, the maximum lens shift is: +50/ -70 vertical, +30/-30 horizontal.
2) For the XDM-4K25 with C—type lens holder, the maximum lens shift is: +30/ -70 vertical, +15/-15 horizontal.
3) For the XDM-4K25 with B—type lens holder, the maximum lens shift is: +110/ -110 vertical, +60/-60 horizontal.

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11. Is camera alignment available?

Answer: There is no built-in camera for camera alignment.

12. What is the weight of the XDM and XDX?

Answer: Both projectors will always be shipped and installed in a frame. The weight of the XDM projector in the frame is 140kg / 309lbs and the weight of the XDX projector in the frame is 206kg / 454lbs.

13. What are the dimensions of both projectors?

Answer: The dimensions of the XDM projector incl frame: 1070 x 976 x 702 mm / 42,13 x 38,43 x 27,64 inches. The dimensions of the XDX projector incl frame: 1470 x 1028 x 769 mm / 57,87 x 40,47 x 30,28 inches.

14. Does the XDM/XDX have an external cooler like the XDL?

Answer: No, they have an internal cooling system.

15. What are the input slots?

Answer: 2x HDMI 2.0 is available for both projectors.

16. How can I rotate the projectors?

Answer: You can roll the projectors +90° to -45° and tilt +90° to -90° without loss of performance.

17. What is the service interval?

Answer: This depends on the environmental conditions. Both projectors have the possibility to be connected to the cloud through our Barco Projector Management suite to remotely access and follow-up the health conditions of the projectors and act proactively.

18. Does Projector Toolset support this projector?

Answer: No, you can only use web communicator.

19. How can I update my software with the latest software release?

Answer: The latest releases can be found on barco.com. You can update your projector via the USB input or via web communicator.

20. Are my existing TLD+ lenses compatible?

Answer: Yes, you can use TLD+ lenses on the XDM projector (with the C-lensholder) but not on the XDX projector.

21. Can I use other lenses?

Answer:
1) The XDM can accept the TLD+ lenses or C-series digital cinema lenses (when used with the C-series lens mount). The XDM can also accept XLD lenses or B-series digital cinema lenses (with the B-series lens mount)
2) The XDX can accept both the XLD lenses or B-series digital cinema lenses

22. Is there an Ultra Short Throw (UST) lens available?

Answer: Yes. The XDM can use the TLD+ UST lenses and the XDX has a new 90° angled 0.38:1 UST lens.

23. Is it not possible to mix TLD+ and XLD lenses for the XDM?

Answer: You can use both lens types on the XDM, but you need to specify the lens mount at the time of ordering. The lens mount is installed in the factory and the lens mount can accept only TLD+ or XLD lenses. Not both types in the same lens mount.

24. Is it necessary to keep the frame on the units?

Answer: Yes, as the frame is needed to hold the projector in different angles.

25. From a technical perspective, what about these projectors makes them for fixed installs only and not suitable for rental?

Answer: The projectors can be used under different angles in a fixed position. They are not designed to be transported multiple times.

26. Why isn't Pulse incorporated into the XDM/XDX design?

Answer: It's a derivative from cinema projector SP4K and re-uses the cinema software interface. The warping and blending needs to be done in the media server.

27. Does the frame need to be dismantled to get access to the modules for replacement?

Answer: No, it's designed to make replacements accessible without dismantling the frame.

28. What about speckle?

Answer: Barco has used its knowledge to reduce the speckle to a minimum. For most applications the speckle is not noticeable, verified in a cinema environment. Only for very close viewing distances and on specific screens, speckle can be observed.

29. Why are there batteries in the input board? And can we get upfront a warning message when the batteries must be changed?

Answer: Batteries are there for the storage of the security data necessary to decode in real-time the digital cinema files. When this data is lost, also the alternative content via the HDMI inputs will stop to work. If the data is lost, the board needs to be replaced as this data is board specific and can't be reproduced. If the voltage becomes too low, there will appear a warning or an error in the Web Communicator and in the ICP-D logfile.

30. Is the GSM module in the projector a MUST for cloud projector management suite?

Answer: The GSM module is not needed and can't even be added to the XDM/XDX. A wired network connection with access to cloud is required if you want to use PMS (Projector Management Suite).

31. Considering lateral color effect is seen on SP4K cinema projectors, how about for XDM/XDX?

Answer: The XDM/XDX will have the same lateral color effect as the SP4K projectors and as the UDM/UDX projectors, as the lenses are the same. The lateral color effect is caused by the projection lens. The difference is that it is more visible on an RGB laser projector as the lateral color appears as a sharp line, due to the narrow wavelength band present in red. In the UDM/UDX, you have a laser phosphor light source, and the red primary is spread out over a broader wavelength band, same as the lateral color zone. This makes it less visible as part of the red is close to the green and blue pixel.

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