
Technical Bulletin

ILS zoom ring clearance issue

This bulletin provides information about a zoom ring clearance issue on the Zoom Motor (P/N: 003-202552-XX) and Zoom Hardware (P/N: 003-007515-XX) kits involving the lenses listed below.

When using the ILS Zoom Motor and Zoom Hardware kits with the lenses listed below, an obstruction occurs preventing smooth operation of the zoom ring.

Resolution

To resolve the issue, complete the following steps:

1. Order black rubber tape (P/N- 5577N27) from the McMaster-Carr® website: <https://www.mcmaster.com/catalog/130/4065/5577N27>.
2. Cut two 12 cm (4.7 inches) pieces of the tape ordered in step 1.
3. Remove the backing of one piece of tape and attach it to the zoom motor mounting bracket (P/N: 011-110829-XX) in the location shown.

Align the end of the tape with the highlighted edge of the zoom motor mounting bracket.

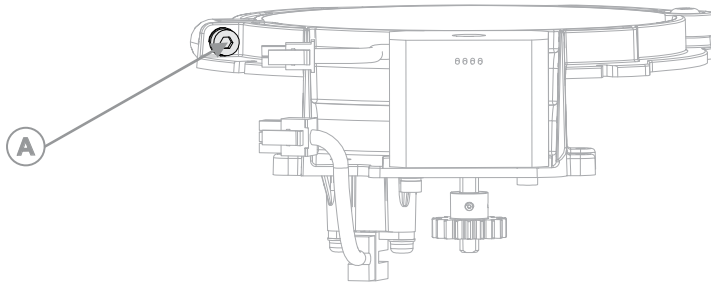


4. Remove the backing of the second piece of tape and attach it to the zoom clamp mounting bracket (P/N: 011-110832-XX) in the location shown.

Align the end of the tape with the highlighted edge of the zoom clamp mounting bracket.



5. Replace the screw (P/N: 012-100448-XX) securing the motor clamp (A in the image below) with the replacement screw (P/N: 012-100131-XX) provided in the Zoom Motor kit (P/N: 000-202551-XX).



Affected products

The following products are affected.

- CP2000-S (with motorized lens mount upgrade)
- CP2000-SB (with motorized lens mount upgrade)
- CP2000-X (with motorized lens mount upgrade)
- CP2000-XB (with motorized lens mount upgrade)
- CP2000-ZX (with motorized lens mount upgrade)
- CP2220 (with motorized lens mount upgrade)
- CP2230 (with motorized lens mount upgrade)
- CP2420-Xe
- CP4220
- CP4230
- CP42LH
- CP4315-RGB
- CP4320-RGB
- CP4325-RGB
- CP4330-RGB
- CP4415-RGB Gen1
- CP4415-RGB Gen2
- CP4420-RGB Gen1
- CP4420-RGB Gen2
- CP4420-Xe
- CP4425-RGB
- CP4430-RGB
- CP4435-RGB
- CP4440-RGB
- CP4445-RGB
- CP4450-RGB
- CP4455-RGB
- CP4430-RGB
- CP4435-RGB
- CP4440-RGB
- CP4445-RGB
- CP4450-RGB
- CP4455-RGB
- E3LH

Affected lenses

The following lenses are affected by the zoom ring clearance issue.

2K lens	4K lens	High brightness part number	High contrast part number	Ultra high contrast part number
1.25-1.45:1	1.13-1.31:1	108-274101-XX	—	—
1.45-1.8:1	1.31-1.63:1	108-275101-XX	—	—
1.6-2.4:1	1.45-2.17:1	108-336103-XX	108-402107-XX 152-119102-XX	163-105107-XX
1.8-2.4:1	1.63-2.17:1	108-276101-XX	—	—
2.2-3.0:1	1.99-2.71:1	108-277101-XX	—	—
3.0-4.3:1	2.71-3.89:1	108-278101-XX	—	163-108100-XX
4.3-6.0:1	3.89-5.43:1	—	—	163-109101-XX
5.5-8.5:1	4.98-7.69:1	—	—	163-110103-XX

Technical support

Technical support for Christie Cinema products is available at:

- *Support.cinema@christiedigital.com*
- +1-877-334-4267
- Christie Professional Services: +1-800-550-3061 or *NOC@christiedigital.com*