

Console & Projector Troubleshooting guide:

If the console should not operate properly, first check the following guide to determine the cause. If, after checking the guide, operation is still not proper, contact your dealer or an authorized theatre equipment service person.

Problem:

Solution:

Console won't power up	Check main electrical breakers and electrical panel feeds
	Check electrical wiring and connections between console and panel
	Check breakers on console and all input wiring
	If equipped with contactors/remote on, check fuse, switch, wiring of remote

Console components won't	Check fuses for equipment in question
turn on (automation, dimmer)	Check equipment on/off switch
	Check corresponding console breaker, wiring and plugs
	Check solder connections, plugs and traces on master interconnect board

Xenon bulb won't ignite	Check that power supply is turned on
	Check that basic unit blower is on, at full speed, pulling in air -vane switch
	Check door switches for locked position
	Check power switch on meter panel
	Check automation switches, both manual and automatic
	Check wiring and plugs on meter panel board, interconnect board and power supply
	Check contactor in power supply for damage or incorrect wiring
	Check auto/manual switch on meter panel for desired starting method
	Try manual ignition of bulb to verify ignitor operation.
	Check circuit breaker on meter panel
	Check wiring and plugs between meter panel and ignitor
	Check spark gap inside ignitor for short or damage
	Check bulb amperage adjustment setting; may be too low
	Check for low open circuit voltage
	Check for missing or bad bulb mechanical connections
	Check for loose DC cables, bad DC meter shunt or bad Xenon bulb

Xenon bulb flickers	Check power supply for single phase condition, open diodes or damage
	Check for bulb/electrode damage
	Check for excessive bulb hours

Poor or uneven light distribution	Check Xenon bulb for correct alignment in reflector
	Check basic unit for correct position in relation to reflector and projector
	Check projector for correct alignment to lamphouse optics
	Check turret for correct position (lens change)
	Check bulb current setting; be sure it's not too low
	Check power supply for correct operation

Film projector doesn't run	Check for disconnected, loose or damaged wiring
	Check interconnect board solder connections
	Check for open fuse
	Check for damaged or missing motor relay in automation and/or interconnect board
	Check that projector power breaker is 'on' and not damaged
	Check for mechanical problems with projector
	Check for film wrap or jam on platter

Projector components don't work (change-over, turrets)	Check for missing, loose, damaged wiring or connections on interconnect board
	Check for open fuses or circuit breakers
	Check for electrical or mechanical damage
	Check the diode chip for selected relay; be sure it's not missing or backward

Poor or low sound level	Check the exciter lamp for dimness; make sure it's turned 'on'
	Check exciter lamp or photo-cell for mis-alignment
	Check audio equipment for correct settings
	Check sound format