

## Frequently Asked Questions (FAQ)



### XRLED 300 SPOT (PR-8157)

Trouble shooting	Cause	Remedy
Fixture is completely dead.	No power to fixture.	Check that power is switched on and external cables are plugged in.
	Primary fuse is blown out.	Disconnect the fixture and replace it with a good one in the same type.
	Power supply is faulty.	Check the 100-240VAC INPUT and 24V/36VDC OUTPUT of power supply with a multi-meter, replace it if necessary.
Lamp doesn't turn on.	Power supply is faulty.	Check the 24V OUTPUT from power supply to LED drive PCB with a multi-meter, replace it if necessary.
	LED drive PCB is faulty.	Check the LED drive PCB and its wires, replace it if necessary.
	LED lamp is blown out.	Check the LED lamp, replace it if necessary.
Light cuts out intermittently.	Fixture is too hot.	Check if the fans are working normally, allow the fixture to cool. Clean the fixture and reduce the ambient temperature.
Fixtures respond erratically or not at all to the controller.	Bad DMX data link.	Check the connections and cables, correct the poor connections if need. Repair or replace damaged cables.
	Incorrect addressing of fixtures.	Check fixture address and protocol settings.
	One of the fixtures is defective and disturbs data transmission on the link.	Unplug the XLR in and out connectors and connect them directly together to bypass one fixture at a time until normal operation is regained; check and replace the display PCB of the fixture if necessary.
Color (Gobo, Focus, etc) is not located in the correct position.	Magnetic sensor is out of proper distance.	Check and try to readjust the distance between wheel and magnetic sensor to be within 1.0-2.5mm.
	Magnetic sensor is faulty.	Check the wires and magnetic sensor itself, replace it if necessary.
	Motor Drive PCB is faulty.	Check the wires and PCB itself, replace it if necessary.
Pan/Tilt doesn't work correctly.	No power to motor.	Check the wires and motor itself, replace it if necessary.
	Mechanical deformation.	Check the Pan/Tilt sleeve, try to adjust the motor bearing and drive belt to proper tightness.
	Pan/Tilt encoder is faulty.	Check the optical coupling PCB and tooth wheel, replace them if necessary.
	Pan/Tilt sensor is faulty.	Check the wires, readjust the distance between magnet and magnetic sensor to be within 1.0-2.5mm.
	Pan/Tilt drive PCB is faulty.	Check the 36VDC INPUT from power supply, wires and the PCB itself, replace it if necessary.