

IRID 110

AR500 DISASSEMBLY INSTRUCTIONS

Important Note

Units are static sensitive. Observe care when installing/servicing. Retain original packaging for returns/service.

Stanchion

Note: Make sure gaskets make a good seal whenever changing out parts.

Ballast Plate

- Different Ballasts for different voltages

Composer Control Protocol Plate

- CPU
 - Address Wheels – “00” is self-test
 - LED’s – Green is data, yellow is power
- Comm protection PCB
- Power supply
- Fuse for Power to CPU
- Resistor

DMX512 Control Plate

- Address Board – Self-tests in the 900 range
- Power Supply – 2 fuses
- CPU – 2 fuses
 - Power to board
 - Data
- Igniter (remote stanchion)
 - Remove cover from remote foot (loosen screws in diagonal pattern)
 - Disconnect AC from T-block
 - Remove screws from Igniter mounting plate and pull out igniter

Head

Front and Back covers

- Loosen 6 screws and remove head enclosure front cover
- Loosen 6 screws and remove head enclosure rear cover
- Loosen 3 clips to replace reflector

Lenses

- Loosen 6 captive screws
- Remove lens clamping ring and lens
- Remove gasket and place on new lens

Lamp and Socket

- Remove 4 screws
- Pull socket out and replace lamp

Motors and Actuator Arms

- Using fingers or a short screwdriver, spread tabs of drive shaft and remove from brass swivel link
- Disconnect drive cable
- Locate and remove 3 screws attaching Linear Actuator Motor Assembly to head enclosure. Note position of cable clamp.
- Slide the motor assembly out (be careful of shafts)

Color Filter Assembly

- Disconnect motors
- Remove 3 screws holding the Color Mechanism to the head enclosure
- Carefully slide the mechanism out of the head enclosure

Problems

- Not many, solid unit
- Connector in hub can be mismade causing burnout