



ONYX II™

w/ DMX-512 PROTOCOL

DMX-512



HALOGEN LAMP WARNING

This fixture is fitted with a halogen lamp which is highly susceptible to damage if improperly handled. Never touch the lamp with bare fingers, as the oil from your hands will shorten the lamp life. Also, never move fixture until lamp has had ample time to cool. Remember, lamps are not covered under warranty conditions.

Model: **ONYX II™**

SPECIFICATIONS:

Voltage: 120V

Lamp: EXY 82v / 250w

Dimensions: 12.25" x 5.5" x 11"

Weight: 18 lbs.

Fuse: 5A

Working Position: Any safe position

Cooling: Fan Cooled

Duty Cycle: 30 min. ON, 10 min. OFF

Gobos: 16 / Plus Spot - fixed

Colors: 11 - 4 Split - 1 Multi Color

INTRODUCTION

Congratulations and thank you for purchasing this fine American DJ® product. For your convenience this lighting effect has been lamped and tested at American DJ®. The ONYX II™ is ready to be used, attaching the hanging bracket is the only assembly required. **Please read the following instructions before attempting to install or use your new unit.**

FEATURES

The Onyx II™ is a super DMX 512 moonflower effects. It features a single color /gobo wheel with 10 single color, 4 two colored, and 1 multi-colored gobos plus a white spot, for a total of 16. The Onyx II™ can run in Master/Slave mode or by DMX via XLR connections on the rear of the unit. In master/slave mode the Onyx II™ will run through it's several programs. The unit includes an internal microphone for sound activation. The Onyx II™ comes with a hanging bracket, and is fan cooled. The Onyx II™ is compact, and light weight making it great for mobile DJ's and bands. The Onyx II™ may be controlled by an optional (sold separately) ONYX-II/C™ Controller (controls black out only). This unit may also be controlled by a standard DMX controller such as the American DJ® Show Designer.™

OPERATING INSTRUCTIONS

Stand Alone:

- A. This function is used when use only one unit or running more than one unit as an individual.
- B. Set 1 and 10 on the dip switch to the on position (see “Master - Head 1” on page 3).
- C. Plug the unit in, the unit will react to sound via its own internal microphone.
- D. Adjust knob on rear of unit for desired music sensitivity.

Master / Slave Operation:

- A. This function will allow you to link up to 16 units together.
- B. In this mode the units will react to sound via the master units built in internal microphone.
- C. The units will also run to the several preprogrammed chases.
- D. Use XLR cables to daisy chain the fixtures together. Remembering the female XLR is the output, and the male XLR is the input.
- E. Be sure to follow the chart on page 3.
- F. For longer cable runs we suggest a terminator at the last fixture.

Universal DMX Control:

- 1. This function allows you to use a standard DMX controller such as the American DJ Show Designer™.
- 2. The use of a DMX controller will allow you to customize the use of fixtures allowing you independent control of the colors, speed, and the ability to black out.
- 3. This will allow you to create your own programs or use your fixtures as spot lights.
- 4. The OnyxII™ is a DMX two channel fixture; channel one controls the color and shutter, channel two controls the mirror movement.
- 5. When using a DMX controller and setting up for DMX operation follow the dip switch settings on page 3. If starting at a higher DMX channel follow the standard DMX Binary Code for a two (2) channel unit.
- 6. For help running in DMX operation consult the manual that comes with your DMX controller.
- 7. For longer cable runs we suggest using a terminator on the last fixture.

The 1/4” phone plug on the unit is for the optional OnyxII/C. Do not attempt to connect an audio signal this jack, this will damage the PC board and void your manufactures warranty!

Lamp Replacement: *Caution! Never open the unit when in use. Always disconnect the main power before attempting to replace the lamp. Remember always replace with the same type lamp and fuse.*

- A. Be sure to follow the proper procedures when handling halogen bulbs.
- B. Loosen the screw on trap door located on top of the unit.
- C. Remove the trap door.
- D. Remove and replace the bulb.
- E. Reassemble.

The American DJ Onyx II™ comes with a one (1) year limited warranty. We recommend filling out the warranty registration card that came with your fixture to validate your warranty. For service contact

Fixture Cleaning:

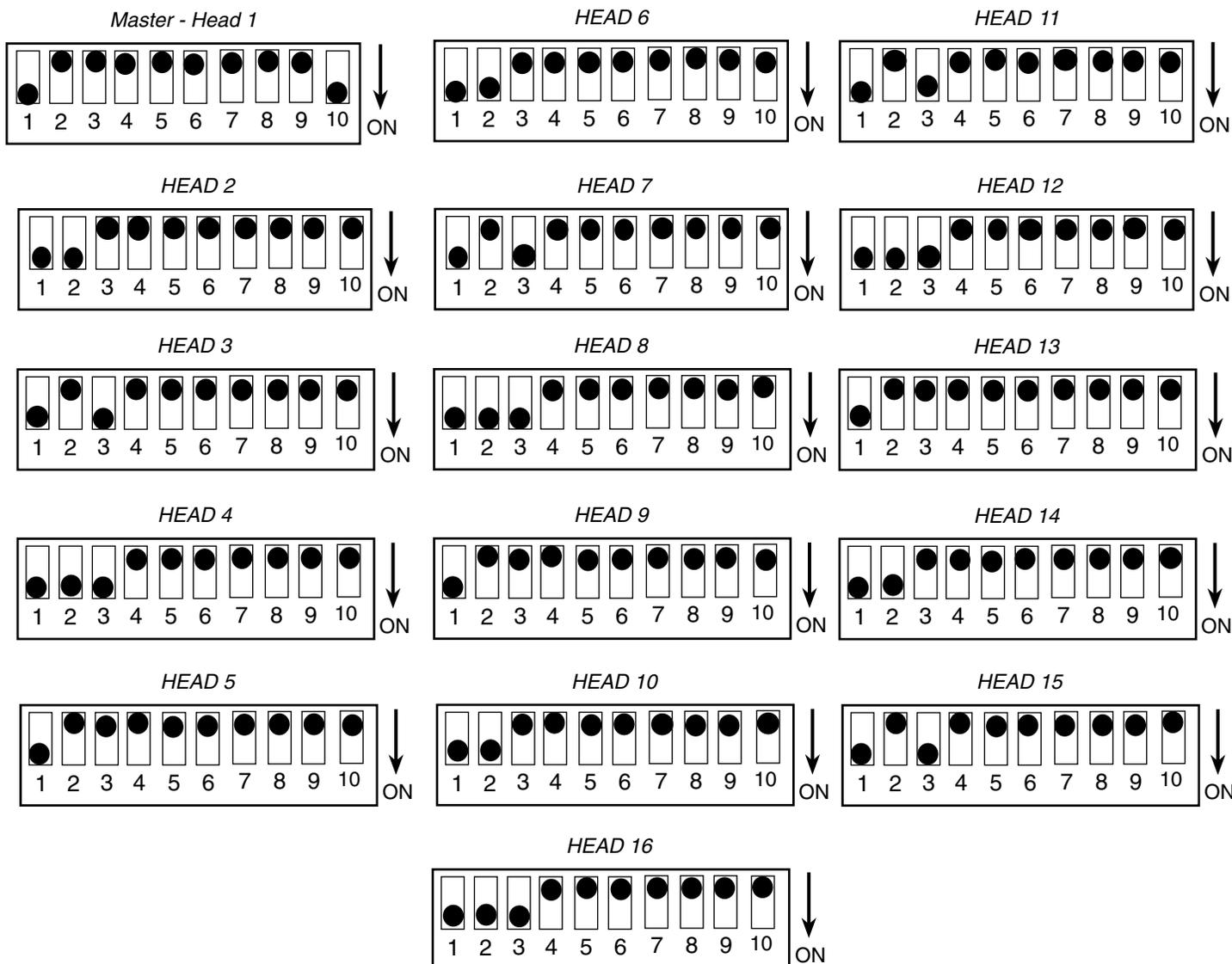
Due to fog residue, smoke, and dust cleaning the internal and external optical lenses must be carried out periodically to optimize light output.

1. Use normal glass cleaner and a soft cloth to wipe down the outside casing.
2. Use a brush to wipe down the fan grill and remove as much built up as possible.
3. Clean the external optics with glass cleaner and a soft cloth every 20 days.
4. Clean the internal optics with glass cleaner and a soft cloth every 30-60 days.
5. Always be sure to dry all parts completely before plugging the unit in.

Cleaning frequency depends on the environment in which the fixture operates (i.e. smoke, fog residue, dust, dew).

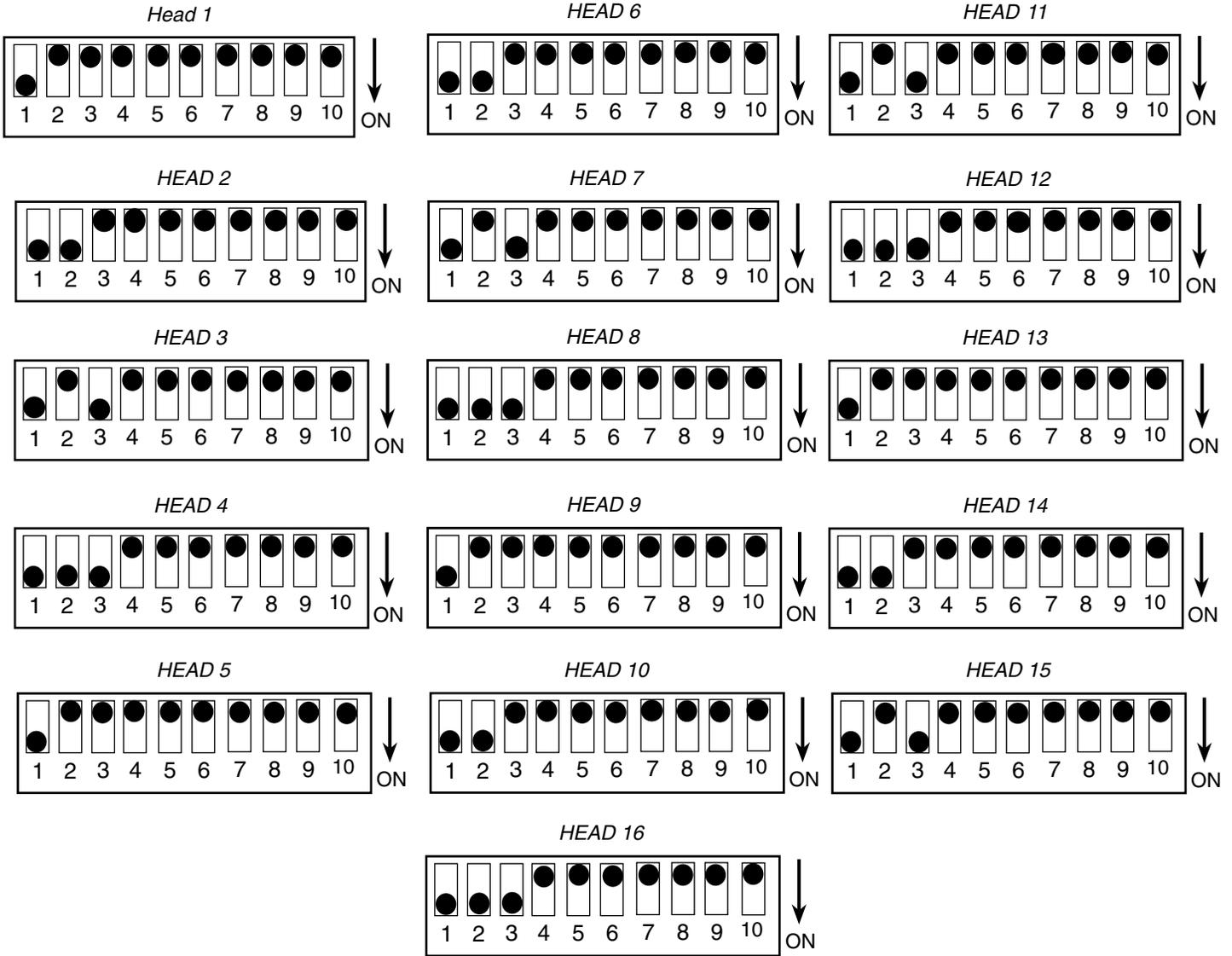
The following chart details the OYNX II™ dip switch setting for up to 16 fixtures in a Master/ Slave mode.

DIP SWITCH SETTINGS FOR SOUND ACTIVE MODE (MASTER/SLAVE)

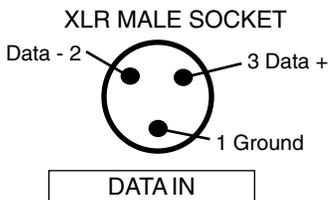


The following chart details the ONYX II™ dip switch setting for up to 16 fixtures in DMX Mode

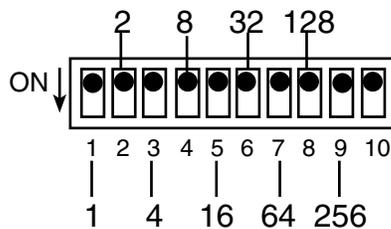
DIP SWITCH SETTINGS FOR DMX OPERATION (First 16 Units)



PIN CONFIGURATION



DMX CHANNEL



Each # above has an ADDRESS based on binary code.

#1 ADDRESS is 1	#2 ADDRESS is 2
#3 " " 4	#4 " " 8
#5 " " 16	#6 " " 32
#7 " " 64	#8 " " 128
#9 " " 256	

#10 is not used in DMX operation but is used to select Master/Slave operation.

