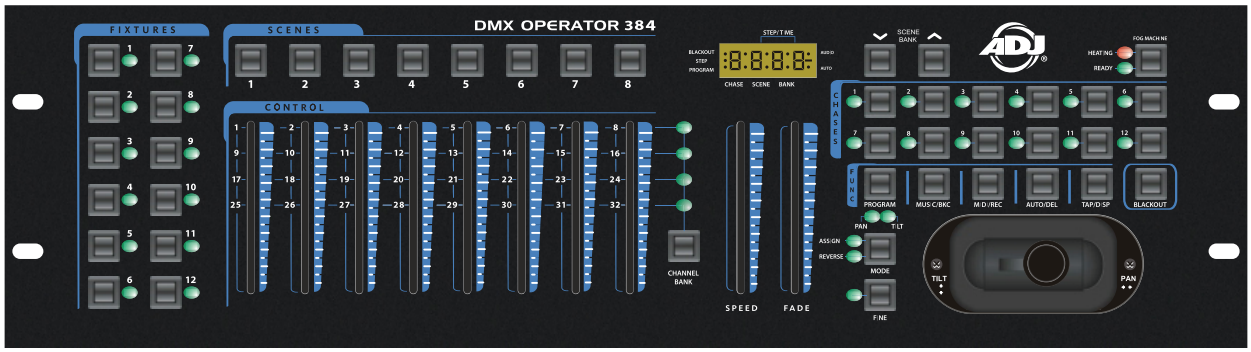
DMX OPERATOR 384



USER'S MANUAL

©2015 ADJ Products, LLC all rights reserved. Information, specifications, diagrams, images, and instructions herein are subject to change without notice. ADJ Products, LLC logo and identifying product names and numbers herein are trademarks of ADJ Products, LLC. Copyright protection claimed includes all forms and matters of copyrightable materials and information now allowed by statutory or judicial law or hereinafter granted. Product names used in this document may be trademarks or registered trademarks of their respective companies and are hereby acknowledged. All non-ADJ Products, LLC brands and product names are trademarks or registered trademarks of their respective companies.

ADJ Products, LLC and all affiliated companies hereby disclaim any and all liabilities for property, equipment, building, and electrical damages, injuries to any persons, and direct or indirect economic loss associated with the use or reliance of any information contained within this document, and/or as a result of the improper, unsafe, unsufficient and negligent assembly, installation, rigging, and operation of this product.

DOCUMENT VERSION

Please check www.adj.com for the latest revision/update of this guide.

Date	Document Version	Notes
03/21/18	1	Updated Release DB-9 Connection Removed Jog Wheel References Removed

Europe Energy Saving Notice
Energy Saving Matters (EuP 2009/125/EC)
Saving electric energy is a key to help protecting the enviroment. Please turn off all electrical products when they are not in use. To avoid power consumption in idle mode, disconnect all electrical equipment from power when not in use. Thank you!

Features	2
General Introduction	3
Warnings	3
Cautions	3
Front Panel Overview	4
Rear Panel Overview	6
Joystick Set Up	7
Scene Operation	10
Chase Operation	14
Bank Copy & Fixture Copy	17
Fade Time	18
MIDI Channel Setting	18
MIDI Control	19
DMX Addressing	20
Warranty	21
Specifications	22

DMX OPERATOR 384 is a multifunction controller, which can work not only as a LED controller but also as a simple MIDI controller. When it works as a stage lighting controller, it has the following main features:

- 8x4 Control Channel Faders
- 384 Total DMX Channels
- Individual Speed & Fade Time Faders
- 30 Memory Banks x 8 Programmable Scenes per Bank
- 12 Programmable Chases, 240 Steps per Chase
- Assignable Fade Setting
- Manual Control Chase Overide
- Built-In Microphone and Line Level Input for Audio Triggering
- MIDI Controllable
- Optional Foot Controller for Chase Step Activation
- Onboard Fog Maching Trigger Button
- 7-Segment LED Display
- Standard Joystick Module

Joystick module

When it works as a MIDI controller, it has the following features:

- With 1-16 Channel Selectable
- MIDI Note
- Control Change
- Program Change

General Introduction

Every effort has been made to design dependable, reliable and user friendly products. New products are being designed constantly to meet the needs of both entertainment and special effects lighting industries. We welcome your comments about our product and services and are open to suggestions on how we can improve to better serve you.

It is a privilege for us to be chosen as your control solution.

This controller is an expansion of the simple to use DMX OPERATOR 384. We have added 6 additional chase memory buttons which now give you a total of 12 to work with. A joystick is supplied for traditional X/Y control of a moving light. To optimize performance of this product, please read the instructions carefully to familiarize yourself with the basic functions and operations.

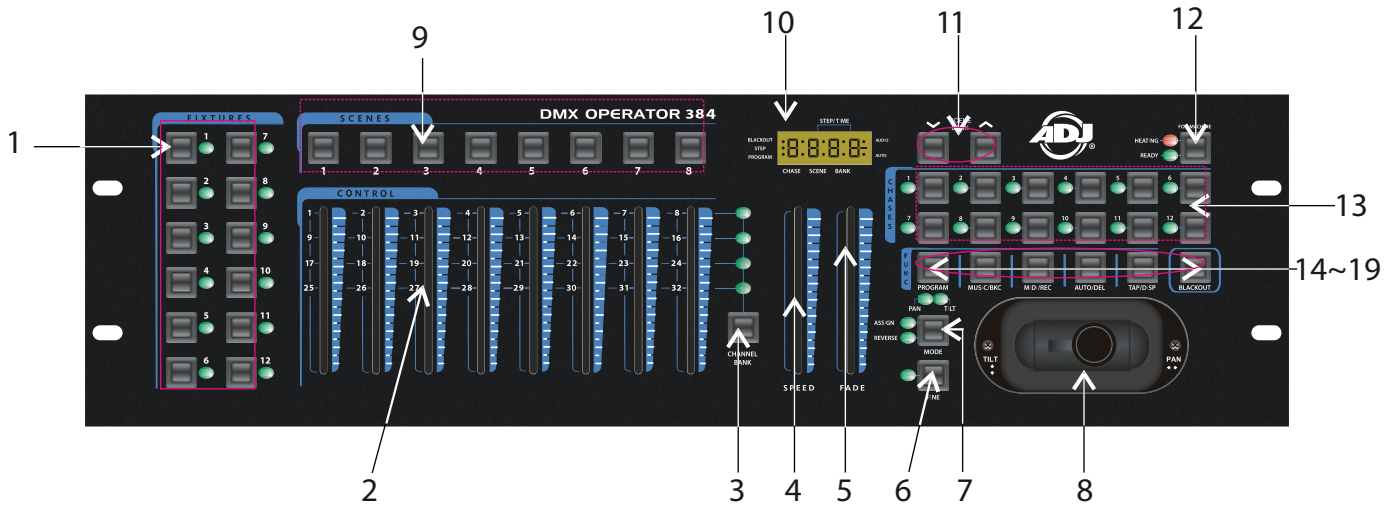
DMX Operator 384 Warnings

- This unit is intended for indoor user only.
- Do not allow for any flammable liquids, water, or metal objects to enter the unit.
- To reduce the risk of fire or electric shock, do not expose the unit to rain or high levels of moisture.
- No user serviceable parts inside, do not dismantle the unit yourself.
- Repairs must be done by qualified personnel only.
- Please do not allow children to play and tamper with this product.

DMX Operator 384 Cautions

- When unpacking, please ensure that the unit is not damaged. Should something be wrong, please contact us immediately.
- All rights reserved. No part of this manual may be reproduced, transmitted,transcribed or translated into any language, in any form, by any means, without authorized permission from ADJ.

NOTICE:
Specifications and improvements in the design of this product and this manual are subject to change without any prior notice.



1. Fixture buttons (1~12): Used to select relevant fixtures for control.

2. Channel faders (1~8): Used to control the output of each corresponding fixture channel.

3. Channel Bank button: Used to switch between channels 1-8, 9-16, 17~24 and 25~32.

4. Speed fader: Used to adjust chase speed (range is 0.1 second to 10 minutes per step).

5. Fade Time fader: Used to adjust chase fade time (range is 0 to 30 seconds).

6. FINE button: Used in conjunction with the joystick. When the FINE button is engaged, adjusting the joystick will be more precise when needing to hit a specific area with a scanner or moving head.

7. MODE button: This is a multi-function button that is used when assigning the joystick & Fade setting.

8. Joystick: Traditionally used to adjust the X/Y channels of a moving light.

9. Scene buttons (1-8): Used when storing or playing back programmed scenes. Also used when backing up data to a USB Stick or through a ULink Cable.

10. LED display: The LED display shows you relevant information depending on current operation.

11. Bank Up/Down button: Used to select a scene bank or chase step.Also used to view files in memory stick.

12. Fog-machine button: Used to trigger fog machine which should be connected to rear of console.

13. Chase buttons (1-12): Used when storing or playing back relevant chases.

14. Program button: Used to enter and exit Record mode when programming.

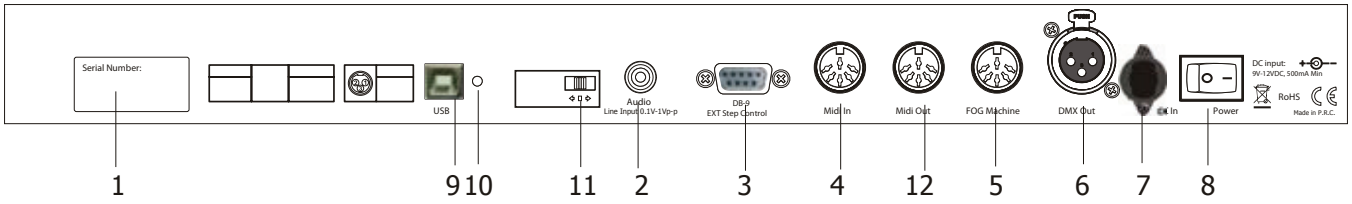
15. Music/Bkc button: Used to engage audio mode for chase synchronization and to copy a bank of scenes to another.

16. MIDI/Rec button: Used to record scenes and chase steps. Also used to setup MIDI operation.

17. Auto/Del button: Used to enter AUTO mode for automatic scene bank sequence or to delete a scene or chase.

18. Tap/Disp button: Used to tap sync chase playback and to change display view operation.

19. Black-out button: Used to bring all current output down to zero.



1. Label: Lists model, serial number, and production date.

2. Audio input: To connect line level input for audio trigger (0.1V-1Vp-p).

3. DB-9 connector: To connect optional external chase step controller.
NOTE: No longer included in units manufactured after Feb. 2018.

4. MIDI IN: To receive MIDI information from a midi sequencer or compatible device.

5. Fog machine connector: To connect a compatible fog machine.

6. 3 Pin Female XLR: DMX Output. Connect to first device in line.

7. DC INPUT: Connects the included power supply to this input. (DC 9V~15V, 500mA Min).

8. Power switch: Used to switch the units power on and off.

9. USB Interface: Outputs the MIDI signal via USB interface when connected to MIDI controller.

10. LED Lamp: Indicates the working state of USB interface.

11. Switch: Switches the function of DMX controller or MIDI controller. The change will work after re-startup.

12. MIDI Out Socket: output the MIDI signal when connected to the MIDI controller.

ASSIGN JOYSTICK

(1) Press and hold down the Program button for approximately 2 seconds or until the PROG indicator in the LED display flashes. Once the indicator is flashing, record mode is engaged and you may release the Program button.

(2) Press and hold down the MODE button and then tap the FINE button.The “Assign” and “Pan” LED’s should illuminate.

(3) ”Assign Joystick Reverse” (Pan/Tilt Invert) Operation Guide Select the fixtures that you wish to assign the “Pan” for by pressing the FIXTURES # buttons, 1-12, so the selected fixture LED’s illuminate.

(4) Press the Tap/Disp button to switch between “PL.XX” & “PH.XX”. “PL.XX” represents the Low Byte or Fine channel, generally listed as the Pan Fine channel and PH.XX represents the High Byte or Coarse channel, generally listed as the Pan channel. Set it to “PH.XX” and press and hold down the MODE button and then tap the SCENE button that corresponds to the Pan channel of your fixture. For example, if your fixtures Pan channel is 1 then you’d press the SCENE #1 button. Please refer to the fixtures DMX chart. If your fixture includes a pan fine channel, press the Tap/Disp button so the display reads “PL.XX”. Press and hold down the MODE button and then tap the SCENE button that corresponds to the Pan Fine channel of your fixture.
For example, if your fixtures Pan Fine channel is 2 then you’d press the SCENE #2 button.

(5) Press the BANK UP or DOWN buttons to switch between “TL.XX” & “TH.XX”. “TL.XX” represents the Low Byte or Fine channel, generally listed as the Tilt Fine channel and TH.XX represents the High Byte or Coarse channel, generally listed as the Tilt channel. Set it to “TH.XX” and press and hold down the MODE button and then tap the SCENE button that corresponds to the Tilt channel of your fixture. For example, if your fixtures Tilt channel is 3 then you’d press the SCENE #3 button. Please refer to the fixtures DMX chart. If your fixture includes a Tilt Fine channel,press the Tap/Disp button so the display reads “TL.XX”. Press and hold down the MODE button and then tap the SCENE button that corresponds to the Tilt Fine channel of your fixture. For example, if your fixtures Pan Fine channel is 2 then you’d press the SCENE #4 button.

(6) Press and hold down the Program button for approximately 2 seconds or until the PROG indicator in the LED display stops flashing. A flashing Blackout indicator in the LED display confirms that the controller is out of Program mode

ASSIGN JOYSTICK REVERSE (PAN/TILT INVERT)

(1) Press and hold down the Program button for approximately 2 seconds or until the PROG indicator in the LED display flashes. Once the indicator is flashing, record mode is engaged and you may release the Program button.

(2) Press and hold down the MODE button and then tap the FINE button. The “Assign” and “Pan” LED’s should illuminate.

(3) Once again, press and hold down the MODE button and then tap the FINE button. The “Reverse” LED should illuminate

(4) Select the fixtures that you wish to assign the “Pan Reverse” & “Tilt Reverse” for by pressing the FIXTURES # buttons, 1-12, so the selected fixture LED’s illuminate. Ideally, you should assign opposite fixtures for Pan/Tilt Reverse. For example, fixtures 1, 3, 5, 7, etc... should be assigned normal as described in the previous section and fixtures 2, 4, 6, etc..., should be assigned reversed so that when moving the joystick around, fixtures movements are reversed from one another. This feature is traditionally referred to as Pan/Tilt invert.

(5) Press the Tap/Disp button to switch between “PL.XX” & “PH.XX”. “PL.XX” represents the Low Byte or Fine channel, generally listed as the Pan Fine channel and PH.XX represents the High Byte or Coarse channel, generally listed as the Pan channel. Set it to “PH.XX” and press and hold down the MODE button and then tap the SCENE button that corresponds to the Pan channel of your fixture. For example, if your fixtures Pan channel is 1 then you’d press the SCENE #1 button. Please refer to the fixtures DMX chart. If your fixture includes a pan fine channel, press the Tap/Disp button so the display reads “PL.XX”. Press and hold down the MODE button and then tap the SCENE button that corresponds to the Pan Fine channel of your fixture. For example, if your fixtures Pan Fine channel is 2 then you’d press the SCENE #2 button.

(6) Press the BANK UP or DOWN buttons to switch between “TL.XX” & “TH.XX”. “TL.XX” represents the Low Byte or Fine channel, generally listed as the Tilt Fine channel and TH.XX represents the High Byte or Coarse channel, generally listed as the Tilt channel. Set it to “TH.XX” and press and hold down the MODE button and then tap the SCENE button that corresponds to the Tilt channel of your fixture. For example, if your fixtures Tilt channel is 3 then you’d press the SCENE #3 button. Please refer to the fixtures DMX chart. If your fixture includes a Tilt Fine channel, press the Tap/Disp button so the display reads “TL.XX”. Press and hold down the MODE button and then tap the SCENE button that corresponds to the Tilt Fine channel of your fixture. For example, if your fixtures Pan Fine channel is 2 then you’d press the SCENE #4 button.

(7) Press and hold down the Program button for approximately 2 seconds or until the PROG indicator in the LED display stops flashing. A flashing Blackout indicator in the LED-display confirms that the controller is out of Program mode.

DELETE JOYSTICK PAN/TILT ASSIGNMENT

(1) Press and hold down the Program button for approximately 2 seconds or until the PROG indicator in the LED-display flashes. Once the indicator is ashing, record mode is engaged and you may release the Program button.

(2) Press and hold down the MODE button and then tap the FINE button. The “Assign” and “Pan” LED’s should illuminate.

(3) Select the fixtures that you wish to delete the joystick Pan/Tilt settings for by pressing the relevant FIXTURES # buttons, 1-12, so the relevant LED’s illuminate.

(4) Press and hold down the MODE button, and then tap the Auto/DEL button to delete the settings for the selected fixtures. All LED’s will flash three times to confirm that the settings were erased.

(5) Press and hold down the Program button for approximately 2 seconds or until the PROG indicator in the LED-display stops flashing. A ashing Blackout indicator in the LED display conrms that the controller is out of Program mode.

DELETE PAN/TILT JOYSTICK SETTINGS FOR ALL FIXTURES

(1) Flip the Operator power switch to OFF. The switch is located at the rear of the unit.

(2) Simultaneously, press and hold down the Auto/Del and MODE buttons and flip the power switch ON. All LED’s will ash three times to conrm that the Pan/Tilt settings were erased.

When powered ON, this console defaults to Manual/Blackout mode. All output will be in a blackout state until the Blackout button is deselected. To determine blackout status there is an indicator light in the display that flashes when engaged and OFF when disengaged. To gain manual control, disengage blackout, select the fixtures that you wish to control by selecting the relevant fixture buttons on the left then use the eight channel faders, joystick and the channel bank button to manually control the fixtures.

Note: in most cases, for the joystick to work, you must first assign it. Please see the Assign Joystick section of this manual.

(1) Select the fixtures that you wish to include into your scene by pressing the FIXTURES # buttons, 1-12, so the selected fixture LED's illuminate.

(2) Press and hold down the Program button for approximately 2 seconds or until the PROG indicator in the LED display flashes. Once the indicator is flashing, record mode is engaged and you may release the Program button.

(3) Set your scene using the eight Channel faders, joystick or Channel Bank button if needed. The Channel Bank button should be used to switch between channel banks 1-8, 9-16, 17~24 and 25~32.

(4) Once you are satisfied with the look of your scene, press the MIDI/REC button to Record it.

(5) Using the BANK UP & DOWN buttons, select a scene bank to store to. There are 30 available Scene Banks and you can view them in the LED-display by referring to the furthest two digits to the right.

(6) Press a Scene button,1-8, to store to. Once pressed, all LED's will flash indicating that your scene was stored. There are 8 Scene buttons to store to for each bank. Make sure you select a different scene button each time you store a scene so you don't record over something that you wanted to keep.

(7) To Record additional scenes, repeat steps 2 through 6.

(8) Once you've stored all of your scenes, press and hold down the Program button or approximately 2 seconds to exit. A flashing Blackout indicator in the LED-display, is indicative that you are out of program mode.

DMX Operator 384 — Editing Scenes

(1) Press and hold down the Program button for approximately 2 seconds or until the PROG indicator in the LED-display flashes. Once the indicator is flashing, record mode is engaged and you may release the Program button.

(2) Using the UP/Down BANK button, select the bank that contains the scene that you want to edit. You can view the active bank in the LED-display.

(3) Press the Scene button, 1-8 , that you want to edit so the scene comes on.

(4) Select the fixture or fixtures that you wish to change settings for in the current scene by pressing the relevant Fixture # buttons, 1-12. The selected fixture LED's should illuminate.

(5) Make your changes using the faders or joystick.

(6) Press the Midi/Rec button and then press the scene # button that you are editing. All LED's will flash three times to confirm that your new settings were saved.

(7) Press and hold down the Program button for approximately 2 seconds to exit. A flashing Blackout indicator, in the LED-display, is indicative that you are out of program mode.

DMX Operator 384 — Copy A Scene

(1) Press and hold down the Program button for approximately 2 seconds or until the PROG indicator in the LED display flashes. Once the indicator is flashing, record mode is engaged and you may release the Program button.

(2) Select the bank that contains the scene you want to copy with the Bank UP/DOWN buttons.

(3) Select the Scene # button, 1-8, that you want to copy.

(4) Use the UP/DOWN BANK buttons to change the scene bank if desired.

(5) Press the Midi/Rec button followed by the Scene # button, 1-8, that you want to copy the scene to. All LED's should flash three times to confirm and save settings.

(6) Press and hold down the Program button for approximately 2 seconds or until the PROG indicator in the LED display stops flashing. A flashing Blackout indicator, in the LED display, is indicative that you are out of program mode.

DMX Operator 384 — Delete A Scene

(1) Press and hold down the Program button for approximately 2 seconds or until the PROG indicator in the LED display stops flashing. Once the indicator is flashing, record mode is engaged and you may release the Program button.

(2) Select the bank that contains the scene you want to delete with the Bank UP/DOWN buttons.

(3) Simultaneously, press the Auto/Del button then press the Scene # button, 1-8, that you want to delete. All LED's should flash three times to confirm that the scene was deleted.

(4) Repeat steps 2 & 3 to delete additional scenes.

(5) Press and hold down the Program button for approximately 2 seconds or until the PROG indicator in the LED-display stops flashing. A flashing Blackout indicator, in the LED-display, is indicative that you are out of program mode.

DMX Operator 384 — Delete All Scenes

(1) Flip the Operators power switch OFF which is located at the rear of the unit.

(2) Simultaneously, press and hold down the Program and Bank Down buttons and flip the power switch ON. All LED's will flash three times to confirm that all scenes were deleted.

1. MANUAL TRIGGER:

(1) When powered ON, this console defaults to Manual/Blackout mode. All output will be in a blackout state until the Blackout button is deselected.To determine blackout status, there is an indicator light in the display that flashes when engaged and OFF when disengaged. Press the Blackout button so the indicator stops flashing.

(2) Press the Bank UP/DOWN buttons to select the scene bank that contains the scene that you want to playback.

(3) Press the Scene # button, 1-8, that you want to playback. The selected scene will engage. Press the same scene # button again to disable the scene or the Blackout button to bring all output to a blackout state.

(4) Repeat steps 2 & 3 to manually playback additional scenes.

2. AUTO TRIGGER:

(1) Press the AUTO/Del button, the Auto Trigger indicator light will illuminate in the LED display. This indicates you that you are now in the Auto trigger mode.

(2) Press the Bank UP/DOWN buttons to select a desired scene bank, 1-30, for automatic playback. All eight scenes in the selected scene bank will sequence.

(3) At any time, you can adjust the Speed and Fade fader to the adjust your scene sequence playback state. You can also press the Tap/Disp button twice to establish a sequence rate. The rate will be determined by the tempo at which you press the Tap/Disp button. Pressing the Auto/Del button again will disengage automatic playback mode.

3. AUDIO TRIGGER:

(1) Press the Music/Rec button, the Audio Trigger indicator light will illuminate in the LED display. This indicates you that you are now in the Audio trigger mode.

(2) Press the Bank UP/DOWN buttons to select a desired scene bank, 1-30, or a chase # button, 1-12. The selected scene bank or chases will trigger to audio via the internal microphone or line level input if connected. Pressing the Music/Rec button again will disengage audio mode.

This product has 12 programmable chases. Each of which can store up to 240 scenes/steps. Please see the below instructions for chase setting.

(1) Press and hold down the Program button for approximately 2 seconds or until the PROG indicator in the LED display flashes. Once the indicator is flashing, record mode is engaged and you may release the Program button.

(2) Select a Chase # button, 1-12, that you wish to record to. The relevant Chase LED should illuminate.

(3) Using the BANK UP & DOWN buttons, select the scene bank, 1-30 , that contains the scene you want added to your chase. You can view the scene banks in the LEDdisplay by referring to the furthest two digits to the right.You can also set your scene using the eight Channel faders, joystick, or Channel Bank button on the y if desired. The Channel Bank button should be used to switch between channel banks 1-8, 9-16, 17~24 and 25~32.

(4) Press the Midi/REC button to record the chase step. All LED's will flash three times to conrm that the chase step was recorded.

(5) Repeat steps 3 & 4 to record additional steps.

(6) Once you've recorded all of your steps, press and hold down the Program button for approximately 2 seconds to exit. A fjashing Blackout indicator, in the LED display, is indicative that you are out of program mode.

RECORDING A BANK OF SCENES TO A CHASE

(1) Press and hold down the Program button for approximately 2 seconds or until the PROG indicator in the LED display flashes. Once the indicator is flashing, record mode is engaged and you may release the Program button.

(2) Select a Chase # button, 1-12, that you wish to record to. The relevant Chase LED should illuminate.

(3) Using the BANK UP & DOWN buttons, select the scene bank, 1-30 , that you want added to your chase. You can view the scene banks in the LED display by referring to the furthest two digits to the right.

(4) Simultaneously press the Music/Bkc and Midi/Rec buttons to record the entire scene bank. All LED's will flash three times to conrm that the scene bank was recorded. Scenes will record in the exact same sequence as stored in the bank.

(5) Repeat steps 3 & 4 to record additional scene banks.

(6) Once you've recorded all of your steps, press and hold down the Program button for approximately 2 seconds to exit. A flashing Blackout indicator,in the LED display, is indicative that you are out of program mode.

ADD A CHASE STEP

(1) Press and hold down the Program button for approximately 2 seconds or until the PROG indicator in the LED display flashes. Once the indicator is flashing, record mode is engaged and you may release the Program button.

(2) Select the Chase # button, 1-12, that you wish to add a step to. The relevant Chase LED should illuminate.

(3) Press the Tap/Disp button, the Step indicator light should illuminate in the LED display.

(4) Press the Bank UP/DOWN buttons to manually step through the chase steps. Find the chase step that you wish to add a step after.

(5) Press the Tap/Disp button disengage Step mode. The Step indicator, in the LED display, should be OFF.

(6) Using the BANK UP & DOWN buttons, select the scene bank, 1-30, that contains the scene you want to add. You can view the scene banks in the LED display by referring to the furthest two digits to the right.

(7) Press the Midi/Rec button to record the step into your chase. All LEDs should flash three times to confirm that the chase step was added.

(8) Repeat steps 3 through 7 to add additional chase steps.

(9) Press and hold down the Program button for approximately 2 seconds to exit. A flashing Blackout indicator, in the LED-display, is indicative that you are out of program mode.

DELETING CHASE STEPS

(1) Press and hold down the Program button for approximately 2 seconds or until the PROG indicator in the LED display flashes. Once the indicator is flashing, record mode is engaged and you may release the Program button.

(2) Select the Chase # button, 1-12, that you want to delete a step in. The relevant chase LED should illuminate.

(3) Press the Tap/Disp button, the Step indicator light should illuminate in the LED display.

(4) Press the Bank UP/DOWN buttons to manually step through the chase steps. Find the chase step that you want to delete.

(5) Press the Auto/Del button to delete the chase step. All LED's should flash three times to confirm that the chase step was deleted.

(6) Repeat steps 4 & 5 to delete additional chase steps.

(7) Press and hold down the Program button for approximately 2 seconds or until the PROG indicator in the LED display stops flashing. A flashing Blackout indicator, in the LED display, is indicative that you are out of program mode.

DELETE A CHASE

(1) Press and hold down the Program button for approximately 2 seconds or until the PROG indicator in the LED display flashes. Once the indicator is flashing, record mode is engaged and you may release the Program button.

(2) Select the Chase # button, 1-12, that you want to delete.

(3) Simultaneously, press the Auto/Del button then press the same Chase # button that you selected in step 2. All LED's should flash three times to confirm that the chase was deleted.

(4) Repeat steps 2 & 3 to delete additional scenes.

(5) Press and hold down the Program button for approximately 2 seconds or until the PROG indicator in the LED display stops flashing. A flashing Blackout indicator, in the LED display, is indicative that you are out of program mode.

DELETE ALL CHASES

(1) Flip the Operators power switch OFF which is located at the rear of the unit.

(2) Simultaneously, press and hold down the Auto/Del and Bank Down buttons and flip the power switch ON.All LED's will flash three times to confirm that all chases were deleted.

1. MANUAL TRIGGER:

(1) When powered ON, this console defaults to Manual/Blackout mode. All output will be in a blackout state until the Blackout button is deselected. To determine blackout status there is an indicator light in the display that flashes when engaged and OFF when disengaged. Press the Blackout button so the indicator stops flashing.

(2) Press the Chase # button, 1-12, that you want to playback. The selected chase LED should illuminate.

(3) Press the BANK UP & DOWN buttons, as desired, to manual step through your chase steps. You can also manually adjust the Fade Time fader if you wish to incorporate a crossfade between step.

(4) Repeat steps 2 & 3 to manually playback additional chases.

2. AUTO TRIGGER:

(1) Press the AUTO/Del button, the Auto Trigger indicator light will illuminate in the LED display. This indicates you that you are now in the Auto trigger mode.

(2) Press the Chase # button, 1-12, that you wish to playback. The selected Chase LED should illuminate and begin to play. You can select more than one chase # button at a time to create a chase sequence.

(3) At any time, you can adjust the Speed and Fade fader to set your chase playback state. You can also press the Tap/Disp button twice to establish a chase rate. The rate will be determined by the tempo at which you press the Tap/Disp button.

3. AUDIO TRIGGER:

(1) Press the Music/Rec button, the Audio Trigger indicator light will illuminate in the LED display. This indicates you that you are now in the Audio trigger mode.

(2) Press the Chase # button, 1-12, that you want to playback. The selected Chase LED should illuminate and engage. The selected chase will trigger to sound via the internal microphone or to audio via the line level input if connected. Pressing the Music/Rec button again will disengage audio mode.

BANK COPY

(1) Enter the Program mode.

(2) Use the Bank UP/DOWN buttons to select the bank to be copied.

(3) Tap the Midi/Rec button, and then use the Bank UP/DOWN buttons to select the bank that you want to copy to.

(4) Tap the Music/Bkc button. All LED's will flash three times to confirm your bank copy operation.

FIXTURE COPY

(1) Enter the Program mode.

(2) Press the Fixture # button, 1-12, that you wish to copy.

(3) Using channel faders 1-8 or joystick, set your look for the light.

(4) Press and hold down the same Fixture button, then tap the Fixture # button that you want to copy the same settings to.

(1) Press and hold down the MODE button, then tap the Tap/Disp button. The LED display will display "ONLY" or "ALL", for 3 seconds, depending on the current setting. "ONLY" indicates that the Pan/Tilt channels will only be affected by the fade time fader while "ALL" indicates that all channels will be affected by the fade time fader.

(2) To change this setting, tap the Tap/Disp button while pressing and holding down the Mode button. Doing so, should switch between the only and ALL options.

SET MIDI CHANNEL

(1) Press and hold down the Midi button for 2 seconds or until the LED-display displays "In:XX". ":XX" represents the current set midi channel.

(2) Use UP/DOWN BANK buttons to set your desired Midi channel from 01 to 16.

(3) Press and hold down the Midi button for 2 seconds or until all LED's flash three times to save your setting.

MIDI Control:
This unit can receive MIDI data to trigger or activate Banks 1-30, Chases 1-12 and the Blackout function. See Midi chart below.

MIDI Note	Function
0-11	Turn on/off Chase1-12
12-19	Turn on/off Scene1-8
20-49	Select Bank1-30
50	Enable/disable Audio
51	Enable/disable Auto
52	Enable/disable Blackout

By fixture 1-13,Scene 1-13,Chase 1-13 and Fade Time Slider, the DMX OPERATOR 384 can function as a simple MIDI controller. The MIDI control function are falls into 10 pages. The following diagram is the details:

PAGE	CHASE 1-12	SCENE 1-12	FIXTURE 1-12	SLIDER 1-8	SLIDER 9-16
1	NOTE 0-11	NOTE 12-19	NOTE 20-31	CC 0-7	CC 8-15
2	NOTE 0-11	NOTE 12-19	NOTE 32-43	CC16-23	CC 24-31
3	NOTE 0-11	NOTE 12-19	NOTE 44-55	CC 32-39	CC 40-47
4	NOTE 56-67	NOTE 68-75	NOTE 76-87	CC48-55	CC 56-63
5	NOTE 88-99	NOTE 100-107	NOTE 108-119	CC 64-71	CC72-79
6	NOTE 88-99	NOTE 120-127	NOTE 108-119	CC 80-87	CC 88-95
7	NOTE 08-19	NOTE 0-7	NOTE 20-31	CC 96-103	CC 104-111
8	NOTE 40-51	NOTE 32-39	NOTE 52-63	CC 112-119	CC 120-127
9	NOTE 64-75	NOTE 76-83	NOTE 84-95	CC 0-7	CC 8-15
10	NOTE 96-107	NOTE 108-115	NOTE 116-127	CC 0-7	CC 8-15

The Fade Time Slider controls the function of Program Change.

- Cc is short for Control change.
- You can select page by Bank UP/DOWN button.
- Hold down MIDI/Bkc and press the UP/DOWN buttons to alter the MIDI channel.

FIXTURE #	DMX FIXTURE ADDRESS
1	1
2	33
3	65
4	97
5	129
6	161
7	193
8	225
9	257
10	289
11	321
12	353

MANUFACTURER'S LIMITED WARRANTY

A. ADJ Products, LLC hereby warrants, to the original purchaser, ADJ Products, LLC products to be free of manufacturing defects in material and workmanship for a prescribed period from the date of purchase (see specific warranty period on reverse). This warranty shall be valid only if the product is purchased within the United States of America, including possessions and territories. It is the owner's responsibility to establish the date and place of purchase by acceptable evidence, at the time service is sought.

B. For warranty service you must obtain a Return Authorization number (RA#) before sending back the product–please contact ADJ Products, LLC Service Department at 800-322-6337. Send the product only to the ADJ Products, LLC factory. All shipping charges must be pre-paid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, ADJ Products, LLC will pay return shipping charges only to a designated point within the United States. If the entire instrument is sent, it must be shipped in it's original package. No accessories should be shipped with the product. If any accessories are shipped with the product, ADJ Products, LLC shall have no liability whatsoever for loss of or damage to any such accessories, nor for the safe return thereof.

C. This warranty is void if the serial number has been altered or removed; if the product is modified in any manner which ADJ Products, LLC concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the ADJ Products, LLC factory unless prior written authorization was issued to purchaser by ADJ Products, LLC; if the product is damaged because not properly maintained as set forth in the instruction manual.

D. This is not a service contract, and this warranty does not include maintnance, cleaning or periodic check up. During the period specified above, ADJ Products, LLC will replace defective parts at its expense with new or refurbished parts, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of ADJ Products, LLC under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of ADJ Products, LLC. All products covered by this warranty were manufactured after August 15, 2012, and bear indentifying marks to that effect.

E. ADJ Products, LLC reserves the right to make changes in design and/or improvements upon its products without any obligation to include these changes in any products theretofore manufactured.

No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with products described above. Except to the extent prohibited by applicable law, all implied warranties made by ADJ Products, LLC in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. And no warranties, whether expressed or implied, including warranties of merchantability or fitness, shall apply to this product after said period has expired. The consumer's and/or Dealer's sole remedy shall be such repair or replacement as is expressly provided above; and under no circumstances shall ADJ Products, LLC be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product.

This warranty is the only written warranty applicable to ADJ Products, LLC Products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

MANUFACTURER'S LIMITED WARRANTY PERIODS:

- **Non L.E.D. Lighting Products = 1-year (365 days) Limited Warranty** (Such as: Special Effect Lighting, Intelligent Lighting, UV lighting, Strobes, Fog Machines, Bubble Machines, Mirror Balls, Par Cans, Trussing, Lighting Stands etc. excluding LED and lamps)
- **Laser Products = 1 Year (365 Days) Limited Warranty** (excluding laser diodes which have a 6 month limited warranty)
- **L.E.D. Products = 2-year (730 days) Limited Warranty** (excluding batteries which have a 180 day limited warranty). **Note: 2 Year Warranty only applies to purchases within the United States.**
- **StarTec Series = 1 Year Limited Warranty** (excluding batteries which have a 180 day limited warranty).
- **ADJ DMX Controllers = 2 Year (730 Days) Limited Warranty**

Power Input	DC9~15V, 500mA
Internal Fuse	500mA 250V, 5x20mm
MIDI IN	5Pin MIDI connector
DMX OUT	3Pin XLR (female) DMX connector
SOUND INPUT	RCA connector
EXT STEP CONTROL	DB-9 connector

NOTE: No longer included in units manufactured after Feb. 2018.

Dimensions	483x135x82mm
Weight(approx.)	2.2 kg

Follow Us On:

facebook.com/americandj
twitter.com/americandj
youtube.com/adjlighting

ADJ Products, LLC
6122 S. Eastern Ave. Los Angeles, CA 90040 USA
Tel: 323-582-2650 / Fax: 323-582-2941
www.adj.com / info@americandj.com

A.D.J. Supply Europe B.V.
Junostraat 2
6468 EW Kerkrade
Netherlands
www.adj.eu/ support@adjgroup.eu
Tel: +31 45 546 85 00 / Fax: +31 45 546 85 99