

# AMERICAN AUDIO DP-2

Professional Digital Producer

Featuring:



## User Guide and Reference Manual

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# CONTENTS

SAFETY PRECAUTIONS.....	3
ELECTRICAL PRECAUTIONS.....	4
SAFETY INSTRUCTIONS.....	5
UNPACKING.....	6
CUSTOMER SUPPORT.....	6
SET-UP PRECAUTIONS.....	6
FEATURES.....	7
SET-UP INSTALLATION.....	7
FUNCTIONS AND CONTROLS	
CONTROLLER UNIT.....	9
MIDI CHART.....	13
COMPUTER CONNECTION.....	14
WARRANTY.....	15
SPECIFICATIONS.....	16

**Please Note:** All specifications and improvements to and in the design of this unit and this manuals are subject to change at any time without any prior written or published noticed.

**For service parts visit <http://parts.americandj.com>**

# IMPORTANT SAFETY PRECAUTIONS

## IMPORTANT SAFETY ITEMS FOR U.S.A. & CANADA MODEL ONLY

### WARNING:

TO PREVENT FIRE OR SHOCK HAZARD,  
DO NOT EXPOSE THIS SD PLAYER TO  
WATER OR MOISTURE

### CAUTION:

1. Handle the power supply cord carefully. Do not damage or deform; it may cause electric shock or malfunction when used. Hold plug attachment when removing from wall outlet. Do not pull on the cord.
2. To avoid electric shock, do not open the top cover when the unit is plugged in. If problems occur with the unit, call your local American Audio® dealer.
3. Do not place metal objects or spill liquid inside the SD player. Electric shock or malfunction may occur.



### CAUTION

**Do not open -  
Risk of electric shock**



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER RACK. THERE ARE NO USER SERVICEABLE PARTS INSIDE REFER SERVICE TO YOUR AUTHORIZED American Audio DEALER.



The lightning flash with an arrow triangular symbol is intended to alert the user to the presence of non insulated "dangerous voltage" within the products enclosure, and may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point triangular symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the user manual accompanying the SD player.

### CAUTION

TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE CAREFULLY INSERTED TO PREVENT BLADE EXPOSURE

### CAUTION:

USE OF CONTROLS OR ADJUSTMENTS OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE

THE SD PLAYER SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT PROPERLY QUALIFIED SERVICE PERSONNEL.

### NOTE:

This unit may cause interference to radio and television reception.

Please carefully read and understand the instructions in this manual thoroughly before attempting to operate this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Take special care to follow all warning symbols and labels both on the unit and printed in this manual. Also, Please keep this manual with the unit, for future reference.

**CAUTION:** TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE, OR OTHER TYPE OF ELECTRICAL OUTLET UNLESS THE WIDE BLADES CAN BE CAREFULLY INSERTED INTO A MATCHING WIDE SLOT.

**ATTENTION:** POUR PREVENIR LES CHOCS ELECTRIQUES NE PAS UTILISER CETTE FICHE POLARISEE AVEC UN PROLONGATEUR, UNE PRISE DE COURANT OU UNE AUTRE SORTIE DE COURANT, SAUF SI LES LAMES PEUVENT ETRE INSEREES A FOND SANS EN LAISSER AUCUNE PARTIE A DECOUVERT.

# ELECTRICAL SAFETY PRECAUTIONS

## ELECTRICAL PRECAUTIONS



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



**CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK). THERE ARE NO USER SERVICEABLE PARTS INSIDE. REFER SERVICE TO YOUR AUTHORIZED AMERICAN AUDIO® SERVICE TECHNICIAN.**



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

## IMPORTANT SAFETY INSTRUCTIONS

**READ INSTRUCTIONS** — All the safety and operating instructions should be read before the product is operated.

**RETAIN INSTRUCTIONS** — The safety and operating instructions should be retained for future reference.

**HEED WARNINGS** — All warnings on the product and in the operating instructions should be adhered to.

**FOLLOW INSTRUCTIONS** — All operating and use instructions should be followed.

**CLEANING** — The product should be cleaned only with a polishing cloth or a soft dry cloth. Never clean with furniture wax, benzene, insecticides or other volatile liquids since they may corrode the cabinet.

**ATTACHMENTS** — Do not use attachments not recommended by the product manufacturer as they may cause hazards.

**WATER AND MOISTURE** — Do not use this product near water — for example, near a bathtub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.

**ACCESSORIES** — Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

**CART** — A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.



**VENTILATION** — Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

**POWER SOURCES** — This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.

**LOCATION** — The appliance should be installed in a stable location.

**NONUSE PERIODS** — The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

### GROUNDING OR POLARIZATION

• If this product is equipped with a polarized alternating current line plug (a plug having one blade wider than the other), it will fit into the outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

• If this product is equipped with a three-wire grounding type plug, a plug having a third (grounding) pin, it will only fit into a grounding type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding type plug.

**POWER-CORD PROTECTION** - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

**OUTDOOR ANTENNA GROUNDING** — If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Figure A.

**LIGHTNING** — For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.

**POWER LINES** — An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

**OVERLOADING** — Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

**OBJECT AND LIQUID ENTRY** - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

**SERVICING** — Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

**DAMAGE REQUIRING SERVICE** - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- When the power-supply cord or plug is damaged.
- If liquid has been spilled, or objects have fallen into the product.
- If the product has been exposed to rain or water.
- If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
- If the product has been dropped or damaged in any way.
- When the product exhibits a distinct change in performance — this indicates a need for service.

**REPLACEMENT PARTS** — When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

**SAFETY CHECK** - Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

**WALL OR CEILING MOUNTING** — The product should not be mounted to a wall or ceiling.

**HEAT** — The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

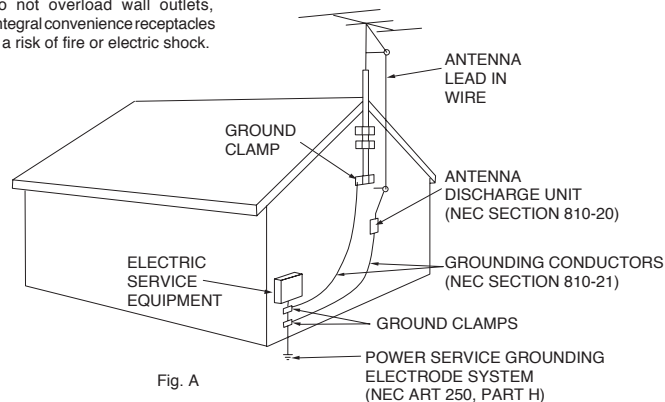


Fig. A

NEC — NATIONAL ELECTRICAL CODE

## SAFETY INSTRUCTIONS

1. Read Instructions - All the safety and operating instructions should be read before the Player is operated. The safety and operating instructions should be saved for future reference.
2. Heed Warnings - All warnings on the Player and in the operating instructions should be adhered to.
3. Water and Moisture - The player should not be used near water - for example, near a bath tub, kitchen sink, laundry tub, in a wet basement or near a swimming pool, etc.
4. Ventilation - The Player should be situated so that its location or position does not interfere with its proper ventilation. For example, the player should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
5. Heat - The player should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
6. Power Sources - The player should be connected to a power supply only of the type described in the operating instructions or as marked on the Player.
7. Servicing - The user should not attempt to service the Player beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel. The Player should be serviced by qualified service personnel when:
  - A. The power-supply cord or the plug has been damaged.
  - B. Objects have fallen, or liquid has been spilled into the Player.
  - C. The Player has been exposed to rain or water.
  - D. The Player does not appear to operate normally or exhibits a marked change in performance.

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The serial and model number for this unit is located on the rear panel. Please write down the numbers here and retain for future reference.

Model No. \_\_\_\_\_

Serial No. \_\_\_\_\_

*Purchase Notes:*

Date of Purchase \_\_\_\_\_

Dealer Name \_\_\_\_\_

Dealer Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Dealer Phone \_\_\_\_\_

## UNPACKING

Every DP-2™ has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your player for any damage and be sure all equipment necessary to operate the player has arrived intact. In the event damage has been found or parts are missing, please contact our toll free customer support number for further instructions. Please do not return the player to your dealer without first contacting customer support.

## INTRODUCTION

### **Introduction:**

Congratulations and thank you for purchasing the American Audio® DP-2™ Media Controller. This controller is a representation of American Audio's continuing commitment to produce the best and highest quality audio products possible at an affordable price. Please read and understand this manual completely before attempting to operate your new player. This booklet contains important information concerning the proper and safe operation of your new controller.

### **Customer Support:**

American Audio® provides a toll free customer support line, to provide set up help and answer any question should you encounter problems during your initial set up or operation. You may also visit us on the web at [www.americanaudio.us](http://www.americanaudio.us) for any comments or suggestions. Service Hours are Monday through Friday 9:00 a.m. to 5:30 p.m. Pacific Standard Time.

Voice: (800) 322-6337  
Fax: (323) 582-2610  
E-mail: [support@americanaudio.us](mailto:support@americanaudio.us)

To purchase parts online visit <http://parts.americandj.com>

**Caution!** There are no user serviceable parts inside this SD player. Do not attempt any repairs yourself, without being instructed to do so by an authorized American Audio service technician. Doing so will void your manufacturer's warranty. In the unlikely event your SD player may require service, please contact American Audio® customer support.

**Do not discard the packing carton in the trash. Please recycle when ever possible.**

## SET-UP PRECAUTIONS

Please be sure to make any connections before plugging the player in to an electrical outlet. All fader and volume controls should be set to zero or minimum position, before the player is switched on. If the player has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch on the player immediately. The arising condensation of water might damage your device. Leave the device switched off until it has reached room temperature.

### **Operating Determinations:**

- When installing this player, please make sure that the device is not exposed or will not be exposed to extreme heat, moisture or dust!
- Do not operate the player in extremely hot (more than 40°/104°F) or extremely cold (less than 5°C/40°F) surroundings.
- Keep the unit out of direct sunlight and away from heaters.
- Operate the player only after becoming familiar with its' functions. Do not permit operation by persons not qualified for operating the unit. Most damages are the result of unprofessional operation.

## MAIN FEATURES

### DUAL PLAYER FEATURES

- 4 Sample Buttons Per Side
- MIDI Control via USB
- 4 Hot Cue Buttons Per Side
- Seamless Loop (uninterrupted loop playback)
- Smart Loop
- X & Y Parameter Adjustments
- Scratch Effect
- Pitch Lock
- Pitch Bend
- 82 MIDI Controls
- Built-In Sound Card

### MIXER FEATURES

- 2-Channel Mixer w/ Volume Faders
- Low & High Adjustment
- Microphone Volume Adjustment
- Master Volume Control
- Track & Deck Selectors

### REAR PANEL

- USB Jack For MIDI
- Channel 1 & 2 RCA Outputs
- 1/4" Headphone & Microphone Jack

## MINIMUM SYSTEM REQUIREMENTS

- Windows XP or Windows Vista (32-bit and 64-bit supported)
- PIV 1.2 GHz Computer (SSE2 CPU), AMD 64 or Greater
- 1024\_768 SVGA Video
- 2 GIG RAM (Vista)
- 40 MB Free on the Hard-Drive (Recommended 2000MB)

## SET-UP

### 1. Checking the Contents

Be sure your DP-2™ was shipped with the following:

- 1) DP-2™ Controller
- 2) Operating Instructions (This Booklet)
- 3) Two (2) "Q-Start" 1/8" mini plug.
- 4) Two (2) Sets of Stereo RCA Cables
- 5) Warranty card
- 5) PCDJ DEX LED Software

### 2. Installing the Units

- 1) Place your unit on a flat surface or mount it in a secure rack mount case.
- 2) Be sure the player is mounted in a well ventilated area where it will not be exposed to direct sunlight, high temperatures, or high humidity.
- 3) Try to place the unit as far as possible from TVs and tuners, as the unit may cause undesirable interference.

### 3. Connections

- 1) Be sure main power is connected last to prevent any electrical damage.
- 2) **AUDIO CONNECTIONS:** Use the included RCA cable to connect the DP-2™ outputs to the line inputs of a mixer. Never connect this player's output to a mixers "phono" inputs.
- 3) **CONTROL JACK CONNECTIONS:** Use the supplied 1/8" mono mini plug cable to connect your DP-2™ to a mini jack connection (A or B) on a compatible American Audio® or American DJ® "Fader Q Start" mixer. (This will enable the Fader "Q" Start function - See "Q" start control page 7).

### CAUTION:

- **Be sure to use the supplied mono 1/8" control cables. Using other types of cable may result in unit damage**
- **To avoid sever damage to the unit, be sure the power is off when making connections to the unit.**

# GENERAL FUNCTIONS AND CONTROLS

Figure 1

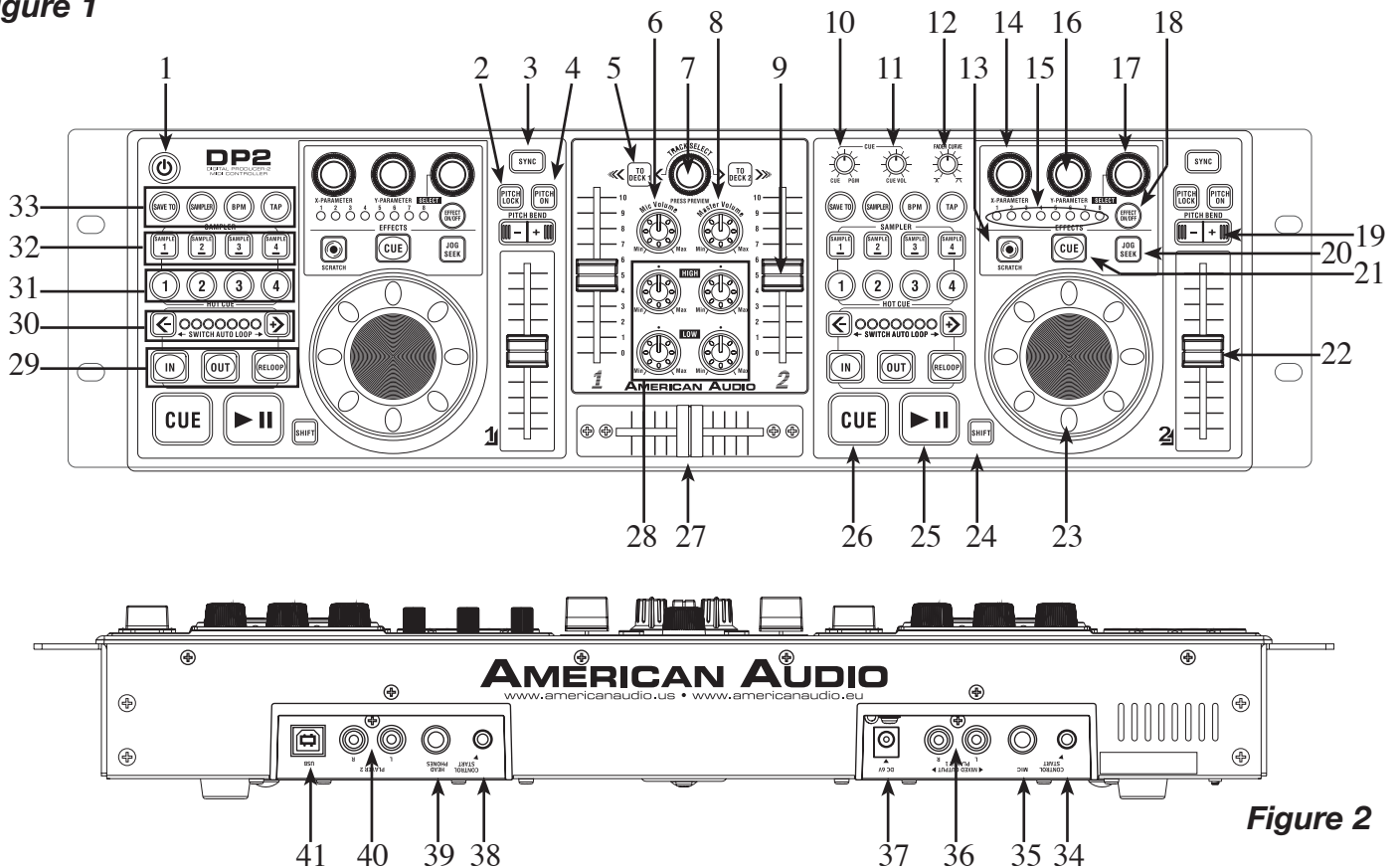


Figure 2

## A. PLAYER - FRONT (FIGURE 1)

1. **POWER BUTTON** - Press and hold this button for at least 2 seconds to power the unit on and off.
2. **PITCH LOCK** - This function allows you to make adjustments to a tracks speed using the pitch control without altering its tonal pitch. When active the button LED will glow red.
3. **SYNC BUTTON** - Use this button to set this deck to master and auto sync and the other deck's tempo to master.
4. **PITCH ON/OFF BUTTON** - This button activates and deactivates the *PITCH SLIDER* (21).
5. **DECK SELECTION BUTTONS** - Use these buttons to select which side of player you want to control.
6. **MICROPHONE VOLUME CONTROL** - This knob controls the output volume of the *MICROPHONE* (34).
7. **TRACK SEARCH KNOB** - Turning this knob will let you search through tracks. Turn the knob to scroll backward and forward through tracks.
8. **MASTER VOLUME CONTROL** - This knob is used to control the master output level. To avoid distorted output try to maintain an average output signal level no greater than +4dB. To avoid speaker damage that may be caused by excessive volume, be sure this knob is always set to zero (completely down) before turning the unit on.
9. **CHANNEL FADER** - These faders are used to control the output signal of any source assigned to



## GENERAL FUNCTIONS AND CONTROLS (Cont.)

its particular player. This function will only work when MIXER OUTPUT (5) is ON.

**10. CUE/PGM KNOB** - Turning the knob to the all the way to the CUE position (all the way to the left) will allow you to hear only the CUE signal (headphone signal) only. Turn the knob to the PGM position (all the way to the right) will allow you to hear the Program signal (main output) only.

**11. CUE VOLUME CONTROL** - This knob is used to adjust the headphone volume output level. Turn the knob in a clockwise direction to increase the headphone volume.

**12. FADER CURVE** - This knob is used to change the way the crossfader will operate.

**13. SCRATCH EFFECT** - This will activate and deactivate the scratch effect function.

**14. TIME ARRAY KNOB (PARAMETER X)** - This knob is used to adjust the parameter time value.

**15. EFFECT INDICATION LED** - These LEDs will indicate which effect is applied.

**16. DEPTH FEEDBACK KNOB (PARAMETER Y)** - This knob is used to adjust the parameter ratio value.

**17. EFFECT SELECT KNOB** - This knob is used to select your desired effect. Pushing this knob will open the effect parameter adjustment window.

**18. EFFECT ON/OFF BUTTON** - This button is used to turn your selected effect on and off.

**19. (-) PITCH BEND BUTTON** - The (-) pitch bend function creates a momentary “Slow Down” in the BPM’s (Beats per minute) while it is playing. This will allow you to match the beats between two playing audio sources. Remember, this is a momentary function. When you remove your finger from the pitch button, the BPM’s will automatically return to *PITCH SLIDER'S (21)* pitch value. Holding down this button will give a maximum of -100% pitch. Use this function to slow to another playing music source. Be sure to notice that this function is a momentary pitch adjustment, for a more precise adjustment use the *PITCH SLIDER (7)* to match the BPM’s with another playing music source.

**(+) PITCH BEND BUTTON** - The (+) pitch bend function creates a momentary “BUMP” in the BPM’s (Beats per minute) while it is playing. This will allow you to match the beats between two playing audio sources. Remember, this is a momentary function. When you remove your finger from this button, the BPM’s will automatically return to the *PITCH SLIDER'S (21)* selected pitch. Holding down this button will give a maximum of +100% pitch.

**20. JOG SEEK** - This button will activate and deactivate jog wheel search.

**21. CUE SELECTOR BUTTON** - This button will send the pre fader audio level to headphones for monitoring.

**22. PITCH SLIDER** - This slider is used to adjust the playback pitch percentage. The slider is a set adjustment and will remain set until the pitch slider is moved or the pitch function has been turned off.

**23. JOG WHEEL** - This wheel has two functions;

**A.** The wheel works as a pitch bend during Playback. Turning the wheel clockwise can increase the pitch percentage up to 100%, and turning the wheel in the counter-clockwise direction can decrease the pitch percentage down to -100%. The pitch bend will be determined on how long you turn the jog wheel continuously.

**B.** The jog wheel also controls the scratch effect, when the scratch effect is active.

**C.** The jog wheel can also serve as frame search, when the search button is activated.

**24. SHIFT BUTTON** - This button is used for Sampler and Hot Cue storage.

## GENERAL FUNCTIONS AND CONTROLS (Cont.)

**25. PLAY/PAUSE BUTTON** - Each press of the *PLAY/PAUSE BUTTON* (18) causes the operation to change from play to pause or from pause to play. While in play mode the green LED will glow, and while in pause mode the green LED will flash.

**26. CUE** - Pressing the **CUE** button during playback immediately pauses playback and returns the track to the last set cue point (see setting a CUE POINT, page 16). The red CUE LED will glow when the unit is in cue mode. The LED will also flash every time a new CUE POINT is set. The CUE button can be held down to momentarily play the track. When you release the CUE button it instantly returns to the CUE POINT. You can also tap the CUE button to create a BOP EFFECT.

**27. CROSSFADER** - This fader is used to blend the output signals of channels A and B together. When the fader is in the full left position (channel A), the output signal of channel A will be controlled by the master volume level. The same fundamentals will apply for channel B. Sliding the fader from one position to another will vary the output signals of channels A and B respectively. When the cross-fader is set in the center position, the output signals of both the channels A and channels B will be even.

### **28. CHANNEL EQ SECTION -**

**CHANNEL TREBLE (HIGH) CONTROL** - This knob is used to adjust the treble (high) levels of a channel allowing for a maximum treble gain of +10dB or maximum decrease of -26dB. Turning the knob in a counter-clockwise direction will decrease the amount of treble applied to a channel signal, turning the knob in a clockwise direction will increase the amount of treble applied to a channel signal.

**CHANNEL BASS (LOW) CONTROL** - This knob is used to adjust the bass (low) levels of a channel allowing for a maximum bass gain of +10dB or maximum signal decrease of -26dB. Turning the knob in a counter-clockwise direction will decrease the amount of bass applied to a channel signal, turning the knob in a clockwise direction will increase the amount of bass applied to a channel signal.

### **29. IN, OUT, & RELOOP BUTTONS -**

**IN BUTTON** - “CUE ON THE FLY” - This function allows you to set a CUE POINT (see CUE POINT page 16) without music interruption (“on the fly”). This button also sets the starting point of a seamless loop (see SEAMLESS LOOP on page 17).

**OUT BUTTON** - This button is used to set the ending point of a loop. A loop is started by pressing the *IN BUTTON*, pressing the *OUT BUTTON* set the loop ending point. The loop will continue to play until the *OUT BUTTON* is pressed once again.

**RELOOP BUTTON** - If a SEAMLESS LOOP has been made (see setting a SEAMLESS LOOP on page 17), but the SD Player is not actively in SEAMLESS LOOP mode (a loop is not playing), pressing the *RELOOP BUTTON* will instantly reactivate the SEAMLESS LOOP mode. To exit loop, press the *OUT BUTTON*.

**30. SWITCH AUTO LOOP** - Adjust the length of the loop according to beat measures.

**31. HOT CUE BUTTONS 1-4** - These buttons are used to store either four (4) cue points or four (4) loops. Each button can store either a loop or a cue point.

**32. SAMPLE BUTTON** - This button is used to create a sample.

- RECORD SAMPLE - Press the *SHIFT* (23) + *SAMPLE* button to record a sample.
- PLAY SAMPLE - Press the *SAMPLE* button.

## GENERAL FUNCTIONS AND CONTROLS (Cont.)

**33. SAVE TO** - This button is used to set and store a sample.

**SAMPLER** - This allows you to quickly play previously saved short sounds. This has two modes available, single shot and repeat.

**BPM** - Press this button to switch between manual BPM and Auto BPM.

**TAP** - This button is used for manual BPM. When in manual BPM mode, tap this button to the beat of the current track.

### **B. PLAYER - REAR (FIGURE 2)**

**34. CONTROL START A JACK**- Connect the supplied mini-plug from the CUE jack on the rear of your unit to the CONTROL out jack of a compatible American Audio® or American DJ® mixer. This will enable the "Q-Start" function. This feature is only available on American Audio® or American DJ® "Q" series mixers.

**35. MICROPHONE JACK** - This jack is used to connect a microphone to the mixer. Connect your microphone via this 1/4 inch (6.3mm) jack. The volume output level for this microphone will be controlled by the *MICROPHONE VOLUME CONTROL* (5).

**36. AUDIO OUTPUTS PLAYER 1** - These jacks send a left and right analog mono output signal. Use these jacks to send standard audio to a mixer or receiver. The red colored jack represents the right channel output and white jack represents the left channels output.

**37. POWER CONNECTOR** - Plug in the provided power adapter here. Only use the provided power adapter.

**38. CONTROL START B JACK** - Connect the supplied mini-plug from the CUE jack on the rear of your unit to the CONTROL out jack of a compatible American Audio® or American DJ® mixer. This will enable the "Q-Start" function. This feature is only available on American Audio® or American DJ® "Q" series mixers.

**39. HEADPHONE JACK** - Connect your headphones to this 1/4" jack.

**40. AUDIO OUTPUTS PLAYER 2** - These jacks send a left and right analog mono output signal. Use these jacks to send standard audio to a mixer or receiver. The red colored jack represents the right channel output and white jack represents the left channels output.

**41. USB SOCKET** - Connect to your PC's port from this socket.

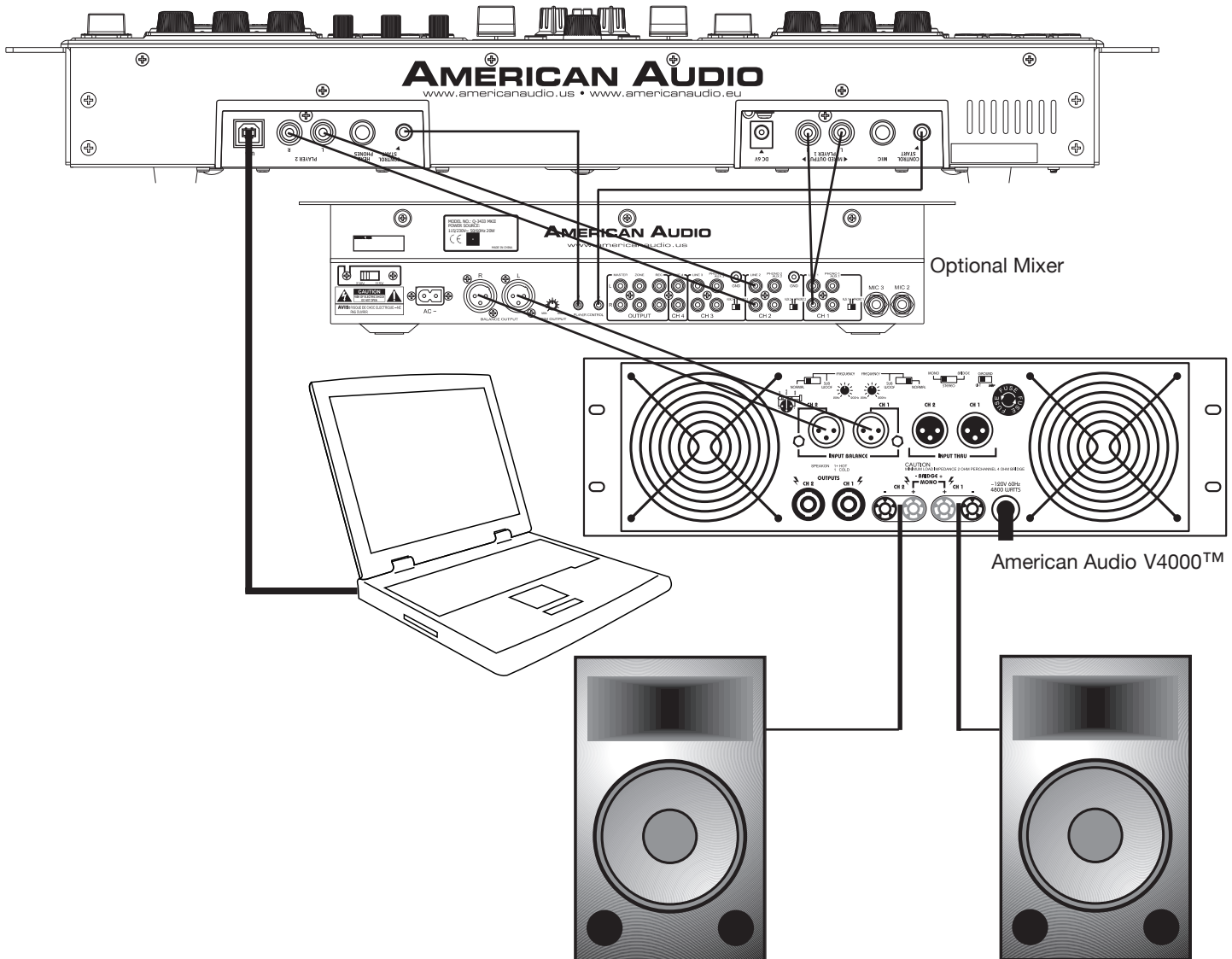
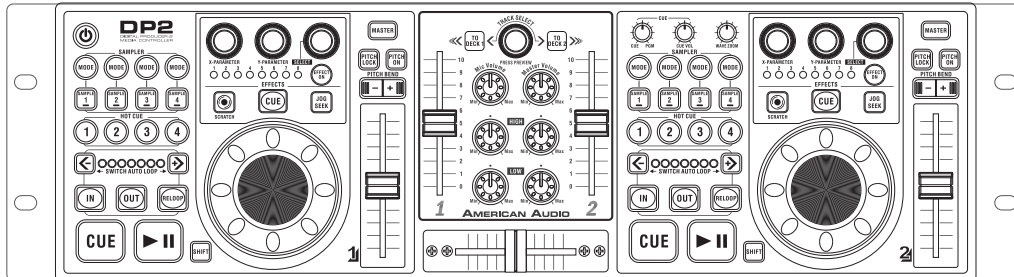
# MIDI CHART

Deck 1(LEFT DECK)Midi Ch 1 / Deck 2( Right Deck) Midi Ch2				
BUTTONs	Midi Note Decimal Value	Midi Event Note Musical Note	MIDI Command IN (Pushed) HEX MIDI Command OUT(LED ON) HEX	MIDI Command IN (Release) HEX MIDI Command OUT(LED OFF) HEX
SAVE TO	65	F 4	09 90 41 7F	09 90 41 00
SAMPLER	66	F# 4	09 90 42 7F	09 90 42 00
BPM	67	G 4	09 90 43 7F	09 90 43 00
TAP	68	G# 4	09 90 44 7F	09 90 44 00
SAMPLE 1	69	A 4	09 90 45 7F	09 90 45 00
SAMPLE 2	70	A# 4	09 90 46 7F	09 90 46 00
SAMPLE 3	71	B 4	09 90 47 7F	09 90 47 00
SAMPLE 4	72	C 5	09 90 48 7F	09 90 48 00
HOT CUE 1	9	A -1	09 90 09 7F	09 90 09 00
HOT CUE 2	10	A# -1	09 90 0A 7F	09 90 0A 00
HOT CUE 3	11	B -1	09 90 0B 7F	09 90 0B 00
HOT CUE 4	12	C 0	09 90 0C 7F	09 90 0C 00
AUTO LOOP_	13	C# -1	09 90 0D 7F	09 90 0D 00
AUTO LOOP_	21	A 0	09 90 15 7F	09 90 15 00
LOOP IN	22	A# 0	09 90 16 7F	09 90 16 00
LOOP OUT	23	B 0	09 90 17 7F	09 90 17 00
RELOOP	24	C 1	09 90 18 7F	09 90 18 00
CUE	25	C# 1	09 90 19 7F	09 90 19 00
PLAY/PAUSE	26	D 1	09 90 1A 7F	09 90 1A 00
X-PARAMETER (push)	27	D# 1	09 90 1B 7F	09 90 1B 00
Y-PARAMETER (push)	28	E 1	09 90 1C 7F	09 90 1C 00
SELECT (push)	29	F 1	09 90 1D 7F	09 90 1D 00
EFFECT ON	51	D# 3	09 90 33 7F	09 90 33 00
SCRATCH	52	E 3	09 90 34 7F	09 90 34 00
CUE(PFL)	53	F 3	09 90 35 7F	09 90 35 00
JOG SEEK	54	F# 3	09 90 36 7F	09 90 36 00
SHIFT	55	G 3	09 90 37 7F	09 90 37 00
SYNC	56	G# 3	09 90 38 7F	09 90 38 00
PITCH LOCK	57	A 3	09 90 39 7F	09 90 39 00
PITCH ON	58	A# 3	09 90 3A 7F	09 90 3A 00
PITCH BEND_	59	B 3	09 90 3B 7F	09 90 3B 00
PITCH BEND_	60	C 4	09 90 3C 7F	09 90 3C 00
TO DECK 1	61	C# 4	09 90 3D 7F	09 90 3D 00
LED's				
Deck 1(LEFT DECK)Midi Ch 1 / Deck 2( Right Deck) Midi Ch2				
LEDs	Midi Note	Midi Event	FROM	TO
AUTO LOOP	14-20	D 0 _G# 0	09 90 0E 7F(ON) 09 90 0E 00(OFF)	09 90 14 7F(ON) 09 90 14 00(OFF)
EFFECTS	43-50	G 2 _ D 3	09 90 2B 7F(ON) 09 90 2B 00(OFF)	09 90 32 7F(ON) 09 90 32 00(OFF)
Control change message				
Deck 1(LEFT DECK)Midi Ch 1 / Deck 2( Right Deck) Midi Ch2				
Ctrl	Midi Note	Midi Event	MIDI Command (Forward)	MIDI Command (Reverse)
X-PARAMETER	Control 1	CC 1	0B B0 01 41	0B B0 01 3F
Y-PARAMETER	Control 9	CC 9	0B B0 09 41	0B B0 09 3F
SELECT	Control 17	CC 17	0B B0 11 41	0B B0 11 3F
JOG WHEEL	Control 25	CC 25	0B B0 19 41++	0B B0 19 3F--
JOG HOLD	80	G# 5	09 90 50 7F(START)	09 90 50 00(STOP)
PITCH	Control 18	CC 18	0B B0 12 7F(Maximal)	0B B0 12 00(Minimal)

# COMPUTER CONNECTION

## 1. CONNECTING THE DP-2 TO YOUR PC

Connect the DP-2 to your PC by using the USB ports located on the rear of the DP-2 and your PC. Connect the supplied USB cable to the USB port on the rear of the DP-2, and the other end connects to the USB port on your computer. **NOTE: Before connecting your DP-2 to your computer or laptop, you must first install the provided software.**



Speaker Cables

## WARRANTY

**WARRANTY INFORMATION:** The DP-2™ carries a ONE year (365 days) limited warranty. This warranty covers parts and labor. Please fill out the enclosed warranty card to validate your purchase and warranty. All returned service items whether under warranty or not, must be freight pre-paid and accompany a return authorization (R.A.) number. If the unit is under warranty, you must provide a copy of your proof of purchase invoice. Please contact American Audio® customer support at (800) 322-6337 for a R.A. number. All package not displaying a R.A. number on the outside of the package will be returned to the shipper.

### **1-YEAR LIMITED WARRANTY**

A. American Audio® hereby warrants, to the original purchaser, American Audio® products to be free of manufacturing defects in material and workmanship for a period of 1 Year (365 days) from the date of purchase. 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, send the product only to the American Audio® factory. All shipping charges must be pre-paid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, American Audio® 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 its original package. No accessories should be shipped with the product. If any accessories are shipped with the product, American Audio® 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 American Audio® concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the American Audio® factory unless prior written authorization was issued to purchaser by American Audio®; 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 maintenance, cleaning or periodic check-up. During the period specified above, American Audio® will replace defective parts at its expense, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of American Audio® under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of American Audio®. All products covered by this warranty were manufactured after January 1, 1990, and bear identifying marks to that effect.

E. American Audio® 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.

F. 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 American Audio® 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 American Audio® be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product.

G. This warranty is the only written warranty applicable to American Audio® Products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

# SPECIFICATIONS

## GENERAL

**Model: American Audio® DP-2™ - PC Media Controller**

Dimensions: 482.6(L) x 133.35(W) x 76.2(H) mm  
 19"(L) x 5.25(W) x 3"(H)

Installation: Place on flat surface or mount in flat case

Weight: 5 Lbs. / 2.1 Kgs

Power supply: DC 6V  
 Single Voltage:  
 AC 100V, 50/60Hz (Japan)  
 AC 110V, 60Hz (Colombia)  
 AC 120V, 60Hz (U.S.A. and Canada)  
 AC 127V, 60Hz (Mexico)  
 AC 220V, 50Hz (Chile and Argentina)  
 AC 220V, 60Hz (Philippines and Korea)  
 AC 230V, 50Hz (Europe, New Zealand, South Africa, and Singapore)  
 AC 240V, 50Hz (Australia and U.K.)

Power consumption: 23W

Environmental conditions: Operational temperature: 5 to 35°C (41 to 95°F)  
 Operational humidity: 25 to 85% RH (no condensation)  
 Storage temperature: -10 to 60°C (14 to 140°F)

Accessories: Connecting RCA Cables (2 sets for left and right channels)  
 Auto Start Cables (2 sets) Switching Adaptor

ITEM	NORMAL	LIMIT	CONDITION
Output level: Gain Max, EQ Flat - Line & Mixed Out:	2.1V +/-0.5dB	2V +/-1dB	1KHz, 0dB
Phones:	0.4V +/-0.5dB	0.4V +/-1dB	1KHz, -20dB
Channel Balance: (From 0 to -40db For Mixed Out) - Line:	Within 0.5dB	Within 1dB	1KHz, 0dB
Mixed Out:	Within 1dB	Within 3dB	1KHz, 0dB
L/R Separation - Line:	97dB	85dB	1KHz, 0dB
Mixed Out:	95dB	85dB	1KHz, 0dB (Max. Out, EQ Flat)
T.H.D. + NOISE - Line:	0.008%	0.02%	1KHz, 0dB
Mixed Out:	0.008%	0.02%	1KHz, 0dB (Max. Out, EQ Flat)
Phones:	0.021%	0.05%	1KHz, 0dB (1V Output)
S/N Ratio - Line:	97dB	85dB	1KHz, 0dB
Mixed Out:	97dB	85dB	1KHz, 0dB (Max. Out, EQ Flat)
Dynamic Range (Max. Output, EQ Flat) - Line:	96dB	85dB	1KHz, -60dB
Mixed Out:	94dB	85dB	1KHz, -60dB
Frequency Response - Line:	17-16KHz +/-0.3dB	17-16KHz +/-1dB	
Mixed Out:	17-16KHz +/-0.3dB	17-16KHz +/-1dB	
Phones Max. Output:	1.6V	1.4V	1KHz, 0dB, THD=1%

**NOTES:** Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.



**CHECK THE AMERICAN AUDIO WEBSITE FOR DOWNLOADABLE USER SOFTWARE UPDATES.**

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