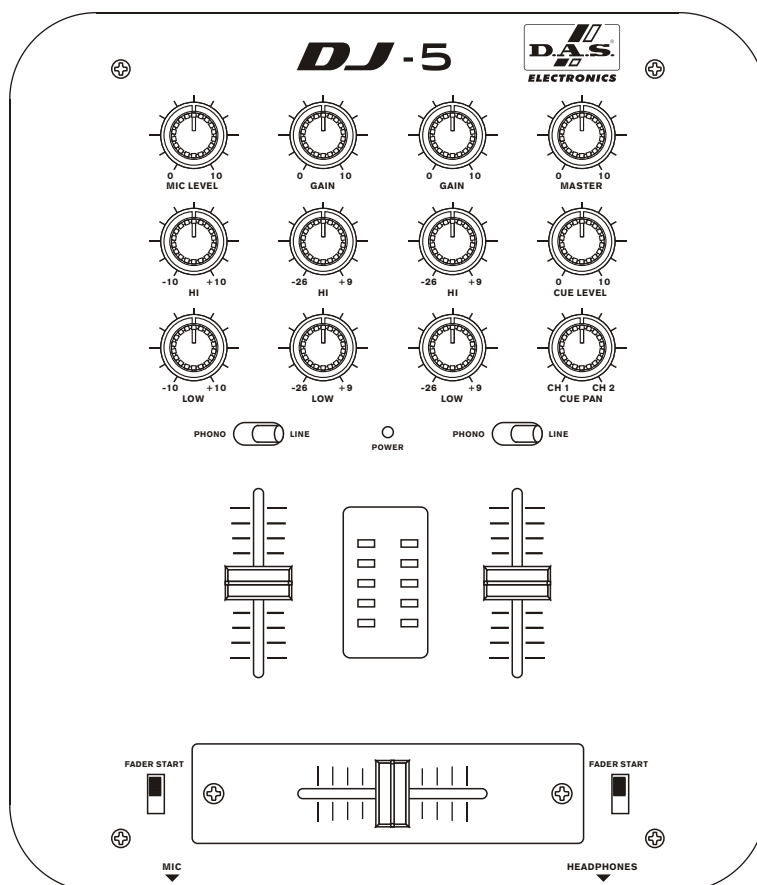


# *~ DJ-5 Professional Preamp mixer ~*



# *~ Instruction Manual ~*

## ~ Important Safety Instructions ~

1. Read Instructions – All the safety and operating instructions should be read before this product is operated.
2. Retain Instructions - The safety and operating instructions should be retained for future reference.
3. Heed Warnings - All warnings on the appliance and in the operating instructions should be adhered to.
4. Follow Instructions - All operating and use instructions should be followed.
5. Water and Moisture - The appliance should not be used near water - for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, and the like.
6. Carts and Stands - The appliance should be used only with a cart or stand that is recommended by the manufacturer.  
An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.
7. Wall or Ceiling Mounting - The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
8. Heat - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
9. Power Sources – This product should be operated only from the type of power source indicated on the rating label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer the operating instructions.
10. Grounding or Polarization – This product may be equipped with a polarized alternation-current line plug (a plug having one blade wider than the other). This plug will fit into the power 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.
11. 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 the cord in correspondence of plugs, convenience receptacles, and the point where they exit from the appliance.
12. Cleaning - The appliance should be cleaned only as recommended by the manufacturer.  
Clean by wiping with a cloth slightly damp with water. Avoid getting water inside the appliance.
13. For AC line powered units - Before returning repaired unit to user, use an ohm-meter to measure from both AC plug blades to all exposed metallic parts. The resistance should be more than 100,000 ohms.
14. Non-use Periods - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
15. Object and Liquid Entry - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
16. Damage Requiring Service - The appliance should be serviced by qualified service personnel when:
  - A. The power-supply cord or the plug has been damaged; or
  - B. Objects have fallen, or liquid has been spilled into the appliance; or
  - C. The appliance has been exposed to rain; or
  - D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
  - E. The appliance has been dropped, or the enclosure damaged.
17. Servicing - The user should not attempt any service to the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.
18. 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 the manufacturer's instructions have been adhered to.
19. Attachments – do not use attachments not recommended by the product manufacturer as they may cause hazards.
20. 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.
20. 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.
22. 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.
23. 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.



## *~ Important Safety Instructions ~*



**CAUTION**  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN



**CAUTION:** To reduce the risk of electric shock, do not remove any cover. No user-serviceable parts inside. Refer servicing to qualified service personnel only.



The lightning flash with arrowhead symbol within the equilateral triangle is intended to alert the user to the presence of un-insulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



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

### **CAUTION**

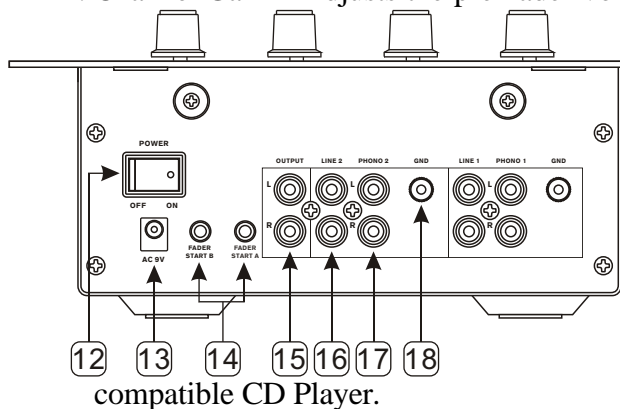
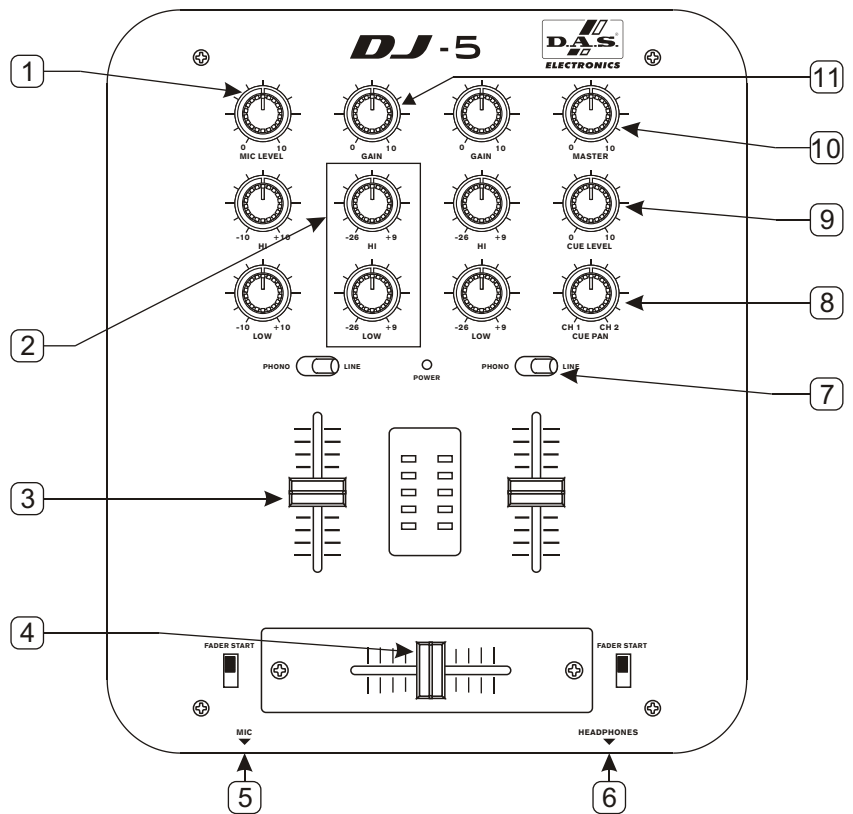
To prevent electric shock, do not use this polarized plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

## ~ Mixer Features ~

1. Mic Input Gain – Adjusts microphone input level.
2. Treble and Bass EQ - Adjusts the high and low frequency levels of the input channels for good sound.
3. Input fader - Controls individual source levels (channels) in the mix.
4. Replaceable Crossfader - Achieves clean segues between the two input channels. "Hard left" selects Channel 1. "Hard right" selects Channel 2. With the crossfader centered, both assigned channels are live. Use the crossfader for fast and seamless segues (fades) from one selected channel to the other.

Note: The crossfader is user replaceable in case of failure. Simply unscrew the two large screws which hold it in place, lift it out and disconnect its cable. Re-attach the new crossfader and screw the mounting plate back onto the unit - you're back in business!

5. Mic Input – Insert your Microphone with 1/4" plug in here.
6. Headphone Input – Insert in the 1/4" plug for your headphones here.
7. Input toggle switch - Selects which source will be active based on what you have connected to the rear panel input section (phono/line).
8. Channel Cue / Cue Pan - Used to preview channel audio to your headphones. Listen here before bringing up channel faders or moving the crossfader.
9. Headphone Level – Adjusts cue volume.
10. Master Fader - Controls the overall output level.
11. Channel Gain – Adjusts the pre-fader volume for cleaner sound.



12. Power Switch – turns unit off and on.
13. Power Connector - Plug in power adapter here and check the voltage level to match your country's standard.
14. Fader Start – This function works in conjunction with a compatible fader start CD player. When used with a compatible CD player, you can use the crossfader to start and stop the CD player with the slide of the fader. The fader start switch activates the fader start feature. When in the ON position, the fader start allows the fader to return automatically to preset digital CUE POINTS on your compatible CD Player.
15. Stereo Main Outputs - Unbalanced RCA connectors controlled by the Master fader.
16. Line Inputs - Unbalanced RCA jacks for connecting stereo audio from line level sources such as CD players, HiFi VCRs, cassette and reel-to-reel tape decks, DAT machines, laser discs, tuners, even synthesizers or other mixing consoles.
17. Phono Inputs – Plug your turntables in here. When these connectors are used, your signal is fed directly to the high-quality RIAA phono pre-amplifiers. Use this position only for turntables. Line level sources will overload the sensitive phono pre-amps and will cause distortion.
18. Grounding lug - for turntable connection. Always use this connection when using standard turntables with ground cable.

## *~ Features ~*

- ❖ *Compact design*
- ❖ *User replaceable crossfader*
- ❖ *2 phono, 2 line, 1 microphone input*
- ❖ *Gain, Treble, and Bass Controls on Channels*
- ❖ *Powerful stereo headphone output*
- ❖ *Cue Pan Selector (Ch.1-Ch.2)*
- ❖ *Bright LED Output Indicators*
- ❖ *Selectable Fader Start (Ch.1–CH.2)*

## *~ Specifications ~*

### SENSITIVITY OF INPUT (LEVEL/IMPEDANCE):

LINE	-14dB/47K OHM	±3dB
PHONO	-50dB /47K OHM	±3dB
MIC	-54dB /6K OHM	±3dB

### OUTPUT (LEVEL/IMPEDANCE):

MASTER (RCA)	0dB/47K OHM	±3dB
PHONES (LOAD=32 OHM)	-3dB/33 OHM	±3dB

### MAX. OUTPUT (LOAD=47K, THD=5%)

MASTER (RCA)	MORE THAN 18dB (8V)
PHONES (LOAD=32 OHM)	MORE THAN 5dB (1.8V)

CHANNEL BALANCE	WITHIN 3dB
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### FREQUENCY RESPONSE:

LINE	20-20KHz	±3dB
PHONO	20-20KHz	+2, -3dB (RIAA)
MIC	50-20KHz	+2,-3dB

### OUTPUT NOISE (IEC-A WEIGHTED)

LINE	LESS THAN -75dB
PHONO	LESS THAN -65dB
MIC	LESS THAN -55dB

### TOTAL HARMONIC DISTORTION:

MASTER OUTPUT (LOAD=47K OHM)	LESS THAN 0.2%
PHONES OUT (LOAD=32 OHM)	LESS THAN 0.3%

CROSSTALK	MORE THAN 50dB AT 1KHz BETWEEN L AND R CHANNEL.
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### EQUALIZER:

LOW	+9 /-26dB	+2 / -3dB AT 100Hz
HI	+9 /-26dB	+2 / -3dB AT 10KHz

### MIC EQ

LOW	+10/-10dB	+2 / -3dB AT 100Hz
HI	+10/-10dB	+2 / -3dB AT 10KHz

POWER SOURCE	AC 9V
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DIMENSIONS	228 (W) X 265 (D) X 87 (H) mm
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WEIGHT	2.8Kgs
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## ~ Quick Setup Diagram ~

Study this setup diagram. Make sure all faders are at "zero" and all devices are off. First, connect all input sources and processors. Next, connect your microphone and monitor headphones. Finally, connect the stereo outputs to the power amplifier(s) and/or audio receivers such as tape decks. Plug your mixer into AC power. Now you are ready to switch everything on. **IMPORTANT:** Always switch on your audio input sources such as turntables or CD players first, then your mixer, and finally any amplifiers. When turning off, always reverse this operation by turning off amplifiers, then your mixer, and then input devices.

