



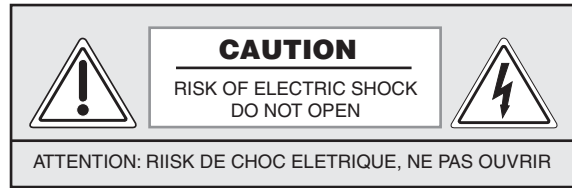
Jam 150 plus



User manual



IMPORTANT SAFETY INSTRUCTIONS



A LIGHTNING WITH ARROW WITHIN AN EQUILATERAL TRIANGLE WARNS THE USER ABOUT THE PRESENCE OF A DANGEROUS VOLTAGE, WITHOUT ELECTRIC INSULATION, INSIDE THE DEVICE. THE VOLTAGE COULD BE SUFFICIENTLY HIGH AS TO GENERATE A RISK OF ELECTRIC SHOCK.



THE EXCLAMATION MARK WITHIN AN EQUILATERAL TRIANGLE WARNS THE USER ABOUT THE PRESENCE OF IMPORTANT INSTRUCTIONS FOR USE AND MAINTENANCE OF THE PRODUCT.

WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE

- 1 Read these instructions
- 2 Keep these instructions
- 3 Heed all warnings
- 4 Follow all instructions
- 5 Do not use this apparatus near water
- 6 Clean only with dry cloth
- 7 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8 Do not install near any heat sources such as radiators, heat register, stoves, or other apparatus (including amplifiers) that produce heat.
- 9 Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11 Only use attachments/accessories specified by the manufacturer.
- 12 Use only with the cart, stand, tripod, bracket or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13 Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



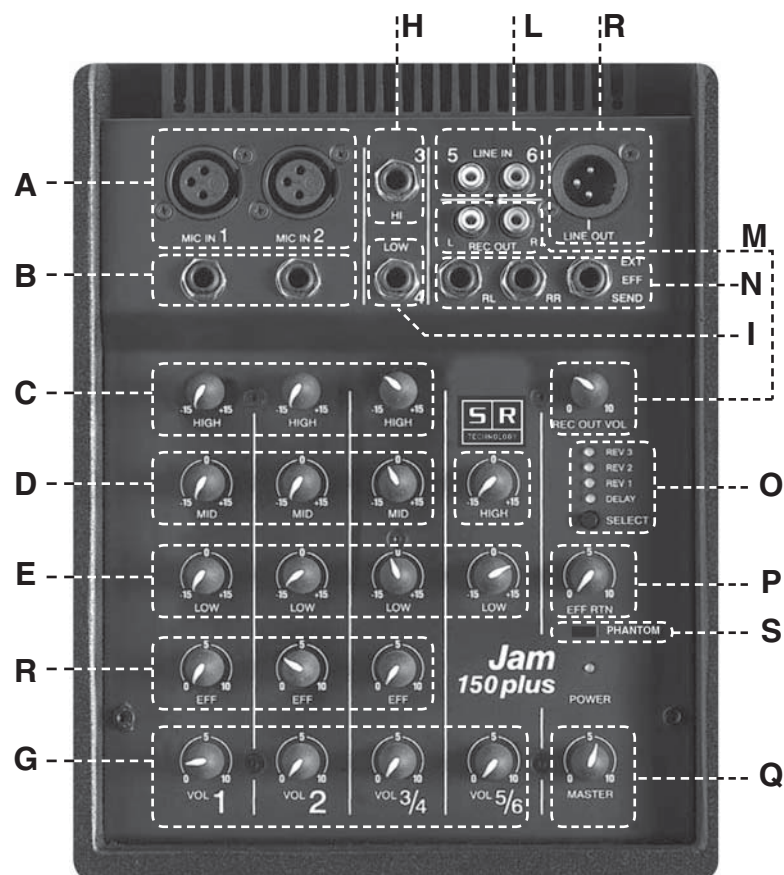
INTRODUCTION

Jam 150 Plus is one of the most exciting products ever released by SR Technology.

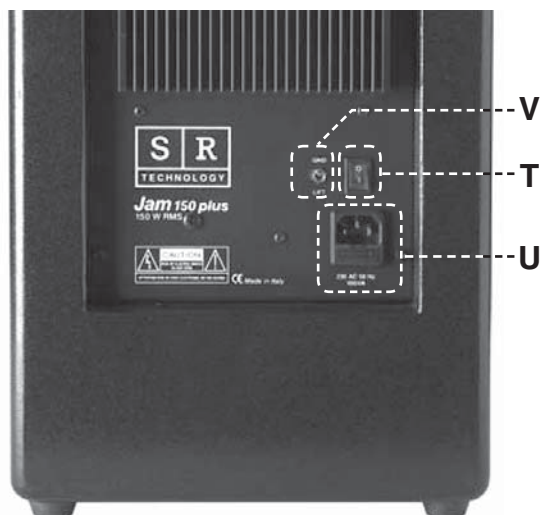
A compact and powerful biamplified combo optimized for critical musical applications; the onboard mixer enables a soloist, or small ensemble, to produce a sound of exceptional clarity and depth in a variety of musical styles.

Jam is also perfect for use in the studio and as stage monitor in live performances.

All this flexibility is provided in a single compact lightweight amplifier!



REAR PANEL



MIXER INSTRUCTIONS

- A MIC IN 1 and 2:** inputs electronically balanced for XLR type connections for microphones or instruments with piezo pickups or other low impedance/low level signals.
- B LINE IN 1 and 2:** inputs electronically unbalanced for jack 6,35mm type connections for microphones or instruments with piezo pickups or other high impedance/low level signals. These inputs are an alternative to the XLR inputs described above. (A)
- C HIGH MID LOW:** controls for high (D) medium (E) and bass (F) frequencies, offering cut and boost +/- 15 db. In central position there is a no boost or cut of the selected frequency band. The control of channel 3/4 acts on both inputs (H and I). The control of channel 5/6 (high and low) acts on both inputs (L).
- F EFF:** Control to set the amount of effect on each channel. This control acts on the internal effects (O) or on any external effect inserted in the send/return (N).
- G VOL:** Control for the volume level of each channel. The red led indicates the maximum peak when the input signal is too high causing distortion. For the channel 3/4 and 5/6 the control acts on both inputs.
- H LINE IN 3:** High sensitivity Input unbalanced for Jack 6.35mm type connections for instruments with passive pickups or microphones. If used together with Input 4 it switches to line input low sensitivity for active pickups, keyboards etc.
- I LINE IN 4:** Line input low sensitivity unbalanced for Jack 6.35mm type connections for instruments with active pickups, keyboards and other Line level signals.
- L LINE IN 5-6:** Line inputs low sensitivity unbalanced with RCA type connections for audio players, CD player, Computer etc...
- M REC OUT:** Line outputs for RCA type connections for recorder- type devices. It is also possible to use them as aux outputs to connect active speakers, external effects, hard disk recording equipment etc. The audio level of these outputs is not dependant on the Master volume control (Q). The output level can be regulated by the control REC OUT VOL.
- N EFF SEND - EFF RET:** Send/Ret for external effect connection: 1 SEND input for Jack 6.35mm type connections and 2 RET output for Jack 6.35mm type connections. The insert of an external effects unit excludes the use of the internal effects (O)
- O INTERNAL EFFECT (by Alesis):** 4 internal effects with push button switch for selection. The green led indicates the selected effect.
- P MAST EFF:** Control for the general amount effect return. It's common to all channels and the amount of the effect can be regulated by the individual control on each channel (F). If there is an effect inserted in the Send/Ret inputs (N) this control acts on that effect.
- Q MASTER:** General Master Volume control. It acts on the general audio output commonly to all channels but does not influence the general aux output (R).
- R MASTER OUT:** General purpose auxiliary output XLR balanced connector for external amplification system. The output volume does not depend on the regulation of the Master Volume (Q).
- S PANTHOM POWER:** for condensator microphones.
- T POWER SWITCH** On-Off
- U AC power** (cord included)
- V Ground Lift** switch for connecting-disconnecting the ground. Reverse the position in case of mains-originated hum.

TECHNICAL SPECIFICATIONS

Box	Two-way bass reflex
Frequency response	40 Hz - 20 kHz
Sensitivity (1W - 1m)	93 db
SPL max	115 db
Crossover	Electronic - 24 db/octave
Woofer	8"
Horn	Compression tweeter
Construction	Plywood
System - Format	2-way Bi-amp
Max Power out	LOW 120 W RMS, 240 W peak HIGH 30 W RMS, 60 W peak
Weight	13 kg
Dimensions (WxDxH)	28x37x41 cm 11x14,5x16,1 inch

Mixer inputs	MIC 1-2 : XLR - Jack 6,3 mm LINE IN 3-4 : Jack 6,3 mm LINE IN 5-6 RCA
Mixer outputs	REC OUT RCA LINE OUT XLR
Controls	MIC 1-2 : High, Mid, Low, Eff, Vol LINE IN 3-4 : High, Mid, Low, Eff, Vol LINE IN 5-6 : High, Low, Vol REC OUT : Vol EFF RTN : Vol MASTER : Vol EFF SEL : Switch
Effects	1 Delay, 3 Reverbs (by Alesis) Send & Return External Effect

WARNING

Read carefully this manual and follow these precautions before operating the device

- Keep this manual for possible future needs.
- Pay attention not to pour liquids onto the device and do not operate in a condition of excessive humidity.
- Do not install the device close to sources of excessive heat, do not expose it to direct solar radiation and do not position it without protection in a dusty environment.
- Be sure that the mains voltage doesn't exceed the value indicated in the back panel.
- Do not use the device if the mains cable or the plug aren't in a perfect condition (if necessary, replace them or accurately repair them).
- In order to avoid induced disturbances, do not install the device close to power transformers, TV sets, RF transmitters, electric motors or any source of electric energy.
- Avoid to point microphones against loudspeakers: this could generate annoying whistles (Larsen effect) that could damage them.
- In order to avoid unpleasant and costly inconveniences, use only original connecting cables.
- Do not use, for cleaning, any solvent like acetone or alcol. These could damage the external finishing and the serigraphy of the panels.
- In case of malfunction of any part of the system, call the nearest SR technical assistance centre or a specialized technical centre. Avoid to try personal repair.
- In order to obtain a suitable ventilation, the device heat sink should never be covered or obstructed by blankets, sofas or similar furniture. Be sure also to leave sufficient clearance between the heat sink and any other surface.
- No source of free flame , like lighted candles, should be placed on the device.
- The device should not be exposed to dripping, drops or sprinkling of water. No object containing liquids should be placed on the device.
- The device should be connected to an earth socket having a good connection to the protection ground system.
- When the device is installed, be sure that the mains socket and the plug of the mains cable are easily accessible.