soldano®

X-88IR PREAMPLIFIER

INSTRUCTION MANUAL

INSTRUCTIONS

Please keep this instruction manual for future reference and for the duration of owning this Soldano Pre-Amplifier. Please carefully read and understand the instructions inside this user's manual before attempting to operate your new amp. This instruction manual includes essential safety information regarding the use and maintenance of the preamp. Take special care to heed all warning symbols and signs inside this manual and those printed on the preamp itself.

WARNING!

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THE PRE-AMP TO WATER OR MOISTURE. DO NOT OPERATE NEAR ANY WATER SOURCE

WHAT'S THE MEANING OF THIS?

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.

WHAT'S THE MEANING OF THIS?

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 this preamp

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 preamp 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 preamp should not be used near water – for example, a bathtub, washbowl, kitchen sink, laundry tub, wet basement, or near a swimming pool, and the like.

6. Carts and Stands – The preamp should be used only with a cart or stand that is recommended by the manufacturer. An preamp and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the a preamp and cart combination to overturn.

7. Wall or Ceiling Mounting – The product should never be mounted to a wall or ceiling.

8. Heat – The preamp should be situated away from heat sources such as radiators, heat registers, stoves, or other preamp/amplifiers (including audio 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.

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 preamp.

12. Cleaning – The preamp should be cleaned only as recommended by the manufacturer. Clean by wiping with a cloth slightly damp with water. Avoid getting water inside the preamp.

14. Non-use Periods – The power cord of the preamp 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 preamp 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 preamp; or C. The preamp has been exposed to rain; or D. The preamp does not appear to operate normally or exhibits a marked change in performance, or E. The preamp has been dropped, or the enclosure damaged. F. The preamp r needs tube replacement or biasing.

17. Servicing – The user should not attempt any service to the preamp 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.

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.

21. Lightning – For added protection for this product before a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product

due to lightning and powerline 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.

24. FUSES – Always use the correct rating and type of fuse as indicated on the rear panel. Note the proper rating fuse is determined by the AC line voltage in the country where this unit is being operated.

25. AC SELECT SWITCH: This switch must be set to match the AC line voltage in the country where this unit is being operated. Always use the correct rating and type of fuse as indicated on the rear panel. Note the proper rating fuse is determined by the AC line voltage in the country where this unit is being operated.

***NOTE**: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: - Reorient or relocate the receiving antenna. - Increase the separation between the equipment and receiver. - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. - Consult the dealer or an experienced radio/ TV technician for help.*

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Thank you for choosing the SOLDANO X-88IR.

The Soldano X88R is considered by many guitar players as the holy grail of rack mount tube preamps. From its inspiring Soldano tone to distinctive purple anodized panel, the X88R is
one of the world's most sought-after pieces of vintage gear used by countless professional musicians including Peter Frampton, Warren DeMartini, Michael Landau, Steve Lukather, Lou Reed and Lee Ritenour to name a few.

The new X88-IR continues this legacy by preserving every ounce of Soldano's legendary tone, with updated modern features tailored to meet the needs of today's professional players.

To fully appreciate the new X88-IR, we must first look back into its history.

HISTORY OF THE ORIGINAL X88R
The initial idea for a three-channel Soldano rackmount guitar preamp came from Bob Bradshaw, rack builder to the stars. According to Mike Soldano "If not for Bradshaw's request, the X88R would never have happened. I thank Bob Bradshaw for his idea and for his trust in me to make it happen." Here's the story:

In 1987, Steve Lukather began using the new Soldano SLO-100 heads. Bob Bradshaw built Steve's rack system and toured with him to ensure it always worked flawlessly.

While visiting Bob's shop in North Hollywood, Bob discussed with Mike what a pain it was to haul around three amps just so Steve could get his various sounds. Steve's complicated wet-dry-wet rig also needed heavy dummy loads to get a low level "slave" signal from the power amp's output to run into the effects. This large rig generated extra wear and tear and expense, as shipping and handling those heavy amps and load cabinets required more truck space and crew labor.

Mike agreed that using his SLO-100 heads just to obtain a rack-system-friendly 0db output signal was inefficient. This was especially true because the SLO's revolutionary cascading gain design already provided all of Soldano's iconic tone in the preamp section.

Bob requested Mike to build an all-tube preamp with three independent channels, clean, crunch, and overdrive, that could be integrated with his switching systems and replace all that heavy gear. When it was done, Bob wired it into Steve's rack, it was big smiles all around and history was made.

By the Summer of 1988, Soldano developed a production version of this preamp, the first of which was purchased by Warren Cucurullo. The X88R was the first of its kind, and the first truly professional stand-alone guitar preamp.

Nearly four decades later, Mike Soldano's new X88-IR is a masterpiece that expands on the original X88R with new key features and upgrades:

THE CHANNELS
Just like the X88R, the new X88-IR features three channels each with Preamp Level, 3-Band EQ, Output Level and Bright Switch. The original X88R featured independent channels for
clean, crunch and overdrive. The new X88-IR offers significantly more flexibility including:

Channel 1 (the “clean” Channel) now includes a two position Normal/Altered mode.
The Normal mode is a Fender inspired clean tone.
The Altered mode offers a boosted clean for edge of breakup tones

In Normal Mode, the channel 1 select button will illuminate Green.
In Altered Mode the channel 1 select button will illuminate Yellow.

Channel 2 and Channel 3 are identical, both featuring a Fat Switch, a Bright switch and a selectable Crunch/Overdrive switch.

This allows you to customize channels 2/3 to your liking. You can select one Crunch and one Overdrive channels, two Crunch Channels or two Overdrive Channels.

In Crunch Mode, the corresponding channel 2/3 select button will illuminate Purple.
In Overdrive Mode, the corresponding channel 2/3 select button will illuminate Red.

Channel Select - MIDI Store
Each of the three channels features an illuminated channel select switch. Press and hold any of the channel select switches to MIDI store a preset.

MASTER SECTION
The Master section includes a global Master Level Control, Headphone Output jack and Headphone Level Control.

STEREO OPERTION / STEREO LOOP
The X88-IR offers stereo operation with:

- ¼” Main Outputs
- Balanced XLR Outputs with a Ground Lift and Level Switch
- Stereo Loop with a Mono Send and Stereo Return as well as a Loop Level switch

Impulse Responses - Assignable Per Channel/Mode
Impulse response cabinet simulation is an essential tool for modern guitarists. The X88-IR offers six onboard IR slots to choose from. Each expertly recorded IR can be assigned to each channel/mode independently, ensuring you get the perfect tone and speaker response, whether running direct onstage, recording, or utilizing the amp’s headphone output for silent at-home practice. You can bypass the IRs using the provided Bypass switch. Add and manage your own IRs using the included SYNERGY EDITOR APP.

POWER AMP MODELING
As the power amp is a key factor for a truly dynamic and authentic tone, the X88-IR provides an AI captured power amp model simulation based on a 120W 6L6 power amp. This dynamic stereo power amp simulation, coupled with the on-board ultra-low latency cabinet Impulse Responses delivers a studio grade direct solution.

SYNERGY EDITOR APP - EXPANDED FEATURES
The SYNERGY EDITOR APP features an intuitive user interface, allowing you to easily select the channels, the channel mode, the different IRs for all three channels, load and organize your IR library, and save up to 128 MIDI presets.

The Editor Software offers additional features which are assignable to each channel/mode including:

- Low-Pass and High-Pass Filters
- Power Amp three position Depth Switch
- Power Amp three position Presence Switch

MIDI IMPLEMENTATION

The X88-IR preamp accepts external MIDI switchers and controllers, giving you up to 128 user-created presets with real time Control Changes. You can assign and organize your presets right from the front panel or with the included SYNERGY EDITOR APP

Universal Voltage

Mike Soldano designed the X88-IR to work seamlessly anywhere in the world with the help of a voltage selector switch found on the back panel. When traveling or moving to a different country and want to take the X88-IR with you, just select the right voltage, replace the mains fuse with the correct rating (see manual for safety pre-cautions) and you're ready to go!

PHANTOM POWER

The X88-IR includes a back-panel Phantom Power jack which can be used to power MIDI controllers.

Features

- Three Channel all-tube stereo rackmount preamp
- Soldano's famous cascading-gain design
- Hand built in the USA
- Tubes: 5 x 12AX7
- Limited Lifetime Warranty

FRONT PANEL

- Purple Anodized front panel
- All Channels - Preamp Level, Bass, Middle, Treble, Output Level and Bright switch
- Channel 1- Bright switch and selectable Normal/Altered Mode
    - Fender style Normal Mode
    - Boosted clean Altered Mode
- Channel 2/3 - Fat Switch, Bright Switch and selectable Crunch / Overdrive Mode
- Master Level Control
- Headphone Output jack with Level Control
- IR cabinet simulation (bypassable)
- 6 IR presets, individually programmable per channel /mode
    - Load your own IRs via the SYNERGY EDITOR APP

BACK PANEL

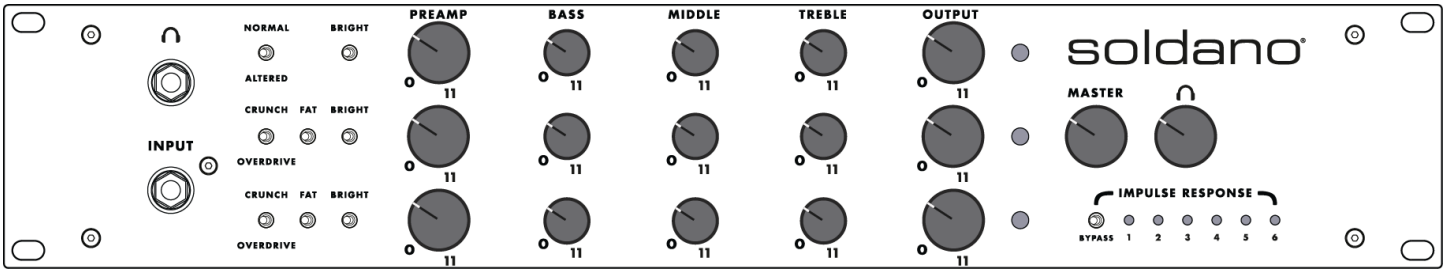
- Voltage selector switch - Mains Fuse must be changed (please read manual)
- USB (type B 2.0) connector to connect SYNERGY EDITOR APP
    - Includes a 6' USB cable
- MIDI/Footswitch Input
- MIDI Phantom Power input jack

- ¼” Main Outputs
- Stereo XLR Outputs with Level Switch and Ground Lift Switch
- Ultra-transparent stereo series effects loop:
    - Mono Send and Stereo Return jacks
    - Level Switch

SYNERGY EDITOR APP

- Easy to use USB Editor Software
- Save up to 128 MIDI presets
- Load and organize your IR library
    - Includes 12 IRs to choose from
- Midi Presets allows you to select:
    - Channel
    - Channel mode
    - Assign different IRs for all three channels
    - Low-Pass and High-Pass Filters
    - Power Amp three position Depth Switch
    - Power Amp three position Presence Switch

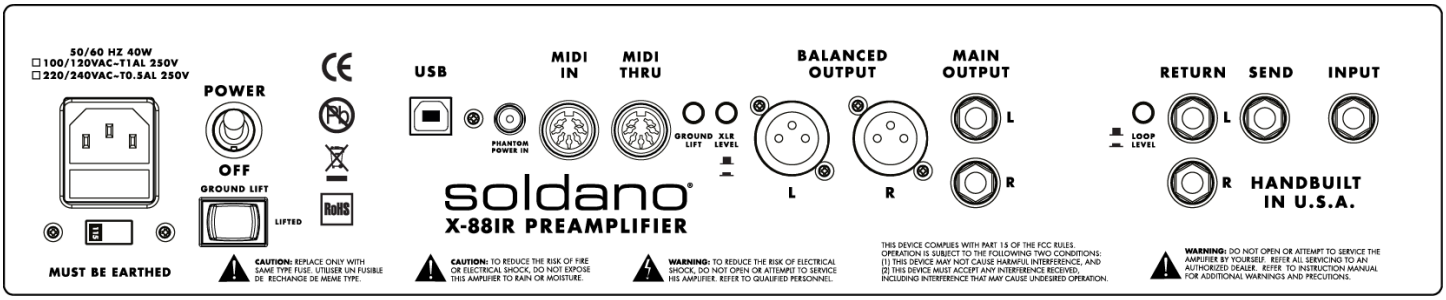
FRONT PANEL CONTROLS AND CONNECTIONS



1. INPUT JACK - Plug your guitar in here using a high-quality shielded cable
2. HEADPHONES JACK – Headphones connector
3. BRIGHT SWTICH – Offers treble boost levels on selected channel
4. FAT SWTICH – Offers bass boost levels on selected channel
5. NORMAL/ALTERED - Adjusts the voice of channel 1
6. CRUNCH/OVERDRIVE – Adjust the voice of channel 2 and 3
7. PREAMP - Adjust the GAIN of selected channel
8. BASS CONTROL - Adjusts the amount of BASS for selected channel
9. MIDDLE CONTROL - Adjusts the amount of MIDDLE for selected channel
10. TREBLE CONTROL - Adjusts the amount of TREBLE for selected channel
11. OUTPUT - Adjust the VOLUME of the selected channel
12. CHANNEL SELECTOR – Short press for selecting the active channel, long press for store the current configuration. The channel selector also indicate the selected configuration by color. Green/Yellow for channel 1, Red/Purple for channel 2 and 3.
13. MASTER - Adjust the overall VOLUME level of MAIN OUTPUT
14. HEADPHONES VOLUME – Adjust the headphones volume level
15. IMPULSE RESPONSE - Selects the desired CABINET IR preset. Long activation BYPASSES the simulation.

Tone Guide: The EQ on the X-88IR is powerful and complimentary. You can turn the mids way up or treble way down to get the sound you're looking for. While some amps only sound good with the EQ in a small range, the X-88IR offer LOTS of colors that can be dialed in with the powerful EQ. So use it!

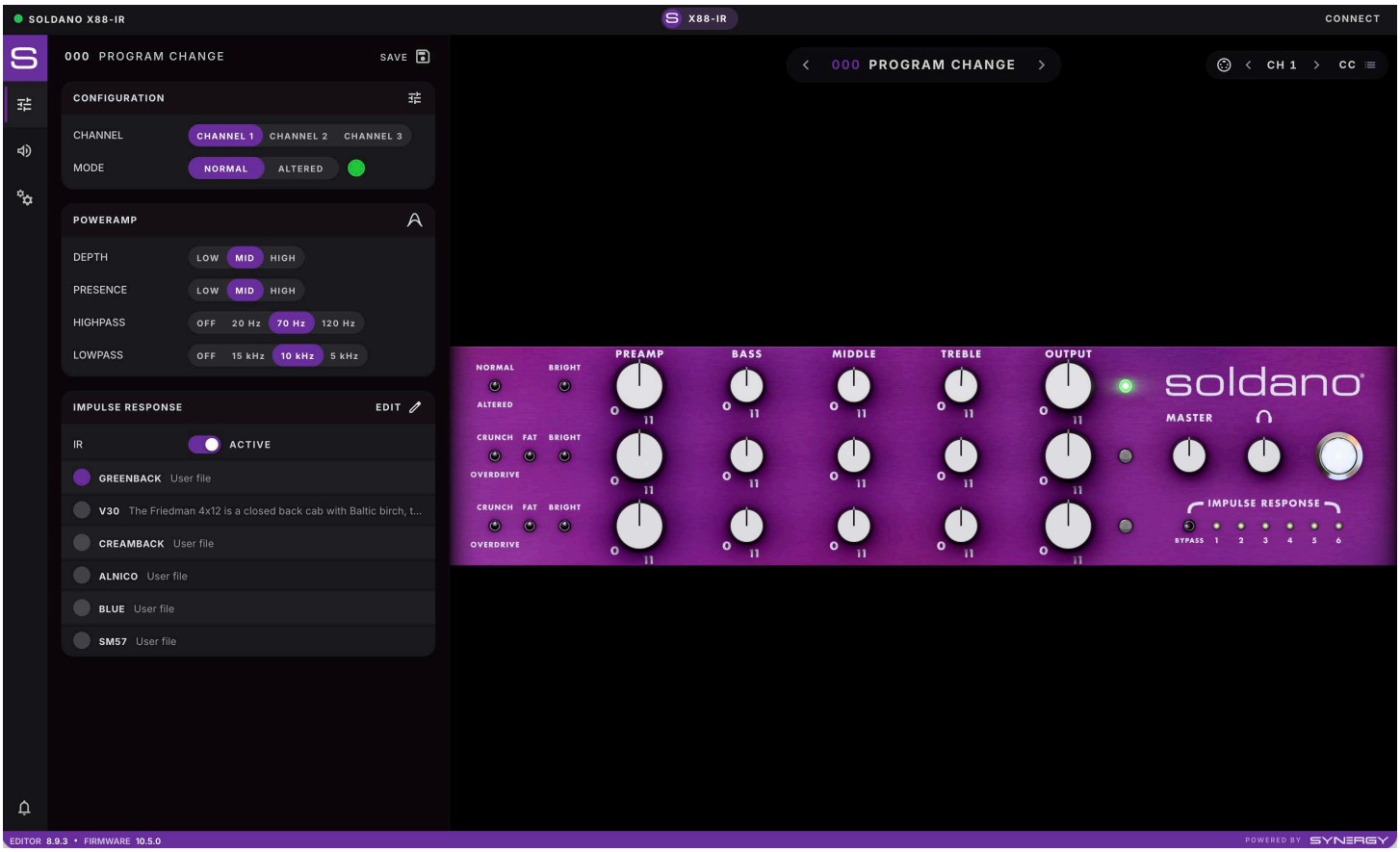
REAR PANEL CONTROLS AND CONNECTIONS



1. AC Mains Input - Connect to a grounded outlet in accordance with the voltage and frequency specified on the rear panel of the preamp. Use only the factory supplied power cord.
2. MAINS FUSE - Protects the preamp from further damage in case of an electrical fault.
    a. **Warning!** Replace only with same fuse type and correct rating.
3. AC SELECTION SWITCH - Selects between 230V and 115V. Use 230V for 220V-240V and 115V for
    a. 100V-120V AC line wall voltage.
    b. **Warning!** Replace only with same fuse type and correct rating when changing voltage.
4. POWER/ON SWITCH - Main AC power switch. The preamp will slowly ramp the voltage to the optimum level for prolonged tube life. Please allow the tubes to warm up for a few minutes before playing.
    a. Important - ALWAYS set the master level to zero before powering ON and slowly turn the master up to avoid excessive sound pressure level (SPL) on your ears.
5. GLOBAL GROUND LIFT – The switch enable or disable the audio path ground connection globally.
6. FOOTSWITCH/MIDI IN - Midi connector to control the X-88IR preamp with an external MIDI device or the provided 4-button footswitch. (Default channel is OMNI).
7. PHANOTM POWER: Connect a DC Jack to provide up to 12V 400mA Phantom Power when using 7 PIN Midi connector on pin 6 (+) and 7 (-).
8. USB - USB connector for software update and X-88IR SYNERGY EDITOR APP remote programming.
9. GROUND LIFT - This switch enables or disables the ground connection on the BALANCED OUT to eliminate possible ground loops.
10. BALANCED OUT - Power amp simulation and IR XLR balanced output.
11. XLR LEVEL – LINE/MIC Level selection for BALANCED OUT
12. MAIN OUT – Preamp main output
13. SEND - Use a high-quality shielded guitar cable to connect to the input of your effects unit.
14. RETURN - Use a high-quality shielded guitar cable to connect from the output of your effects unit to the return of the amp.
15. LOOP LEVEL – LINE/INSTRUMENT Level selection for FX LOOP

SYNERGY EDITOR APP

Please visit www.soldano.com to download the SYNERGY EDITOR APP



The X88-IR features an easy-to-use software that allows you to upload your own IR'S, program all MIDI presets and MIDI functionalities.

INCLUDED IR'S

SOLDANO 1x12 OPEN
Captured from the Soldano snakeskin open back 1x12 cabinet. The high wattage Redback speaker delivers a broad full sound that is balanced and versatile. Mic used Soyuz 1973.

SOLDANO 1x12 CLOSED
Captured from the Soldano snakeskin closed back 1x12 cabinet. The high wattage Redback speaker delivers a broad full sound that is balanced and versatile. Mic used SM57 & R-121.

THIELE 1x12 EV
Captured from a "Thiele" spec 1x12 cabinet fitted with a vintage EV12L.This tight cabinet delivers perfectly balanced clean tones as well as classic 80's rock tones. Mics used SM57 & Soyuz 1973.

SOLDANO 412 V30 A
Handcrafted in epic purple the Soldano 412 stands ready for the stage. Fitted with the iconic Vintage 30 speaker it's a perfect pairing for Soldano tones, delivering a balanced and full-bodied sound for any style. Mics used SM57 & 1973.

SOLDANO 412 V30 B
Handcrafted in epic purple the Soldano 412 stands ready for the stage. Fitted with the iconic Vintage 30 speaker, it has a more pronounced top and bottom end, perfect for heavier tones. Mics used SM57 & R-121.

SOLDANO 412 GB
Classic Soldano 412 cabinet loaded with British 20w Greenbacks. Featuring an open sound with plenty of classic "brown" flavor. Mics used SM57 & R-121.

SOLDANO VINT 412 V30
Classic vintage Soldano 412 cabinet loaded with V30 speakers. This cab provides a classic, balanced and open tone. Mics used SM57 & R-121.

SOLDANO VINT 412 X1200
Classic vintage Soldano 412 cabinet loaded with X12000 speakers. This cab provides a smooth, punchy and warm response. Mics used SM57 & R-121.

SOLDANO 412 LEGEND
The legendary and infamous tweed Soldano SLO 412 "TWEED" cabinet that was built for Stevie. It is loaded with Legend speakers. Mic used SM57.

UK 412 V30
This British 4x12 cabinet is a classic closed back cab with Baltic birch, tongue and groove construction. It features a balanced V30 tone great for any style of music. Mics used SM57 & R-121.

UK 412 V30 GB
This British 1960 cabinet features a complimentary combination of two Greenbacks and two V30's. Mics used SM57 & SM57 & R-121.

UK 412 JBL120 GB
A vintage British 4x12 loaded with UK Greenbacks and a pair of JBL 120 speakers for a classic retro combination. Mics used SM57 & SM57.

TOP PANEL CONTROLS

- LEFT CONNECTION indicates the connection status of the X88-IR
- PROGRAM CHANGE selector lets you navigate through all the 128 storable MIDI PROGRAM CHANGES available and their corresponding settings. This will actively interact with the connected X88-IR and switch presets on the unit as well.
- CHANNEL button lets you select the current channel
- MODE button let you select the MODE for the selected channel between ALTERED/NORMAL and CRUNCH/OVERDRIVE
- IR BYPASS toggle selector bypass internal IR cabinet simulation to enable using external simulations device or software.
- MIDI CHANNEL SELECTOR will let you choose the MIDI channel the ASTRO will listen to. OMNI mode will listen to all channel.

SIDE PANEL CONTROLS

- STORE button will store all the changes made to all of the presets inside the unit. MAKE SURE TO STORE ANY CHANGE before powering down X88-IR.
- IR SELECTOR (PER CHANNEL) lets you select one of the 6 slot-loaded IR'S for the selected channel.
- IR LOADING (PER SLOT) folder button lets you load your preferred IR by simply selecting it. Supported format are WAV 44.1K to 96K.
- ADDITIONAL INCLUDED IR SELECTION (PER SLOT) plus button lets you scroll through the additional IR's preloaded within the software. Press SELECT to use the current IR or press AUDITION to automatically load while scrolling the list.
- DEPTH: 3 Position DEPTH control for the onboard power amp simulation.
- PRESENCE: 3 Position PRESENCE control for the onboard power amp simulation.
- HIGHPASS: 3 Position high-pass filter for the BALANCED OUT section
- LOWPASS: 3 Position low-pass filter for the BALANCED OUT section
- MIDI CC LIST: lets you list the available MIDI Control Change and the relative valid values per each function.

FIRMWARE UPDATES
SYNERGY EDITOR APP will automatically check for firmware update using internet connection. The SYNERGY EDITOR APP is powered by:

SYNERGY

SOLDANO LIMITED LIFETIME WARRANTY

Thank you for choosing Soldano. We take great pride in an extremely thorough testing procedure which is implemented on each product prior to shipment. In the unlikely event that you have a problem with your Soldano product, please refer to warranty below.

Soldano offers a limited Lifetime warranty to the original purchaser that this Soldano product will be free from defects in material and workmanship. A dated sales receipt will establish coverage under this warranty, PLEASE KEEP YOUR PROOF OF PURCHASE TO USE YOUR WARRANTY. This warranty does not cover service or parts to repair damage caused by accident, neglect, abuse, normal & wear, disaster, misuse, abuse, over-powering, negligence, inadequate packing or shipping procedures and service, repair or any modifications to the product which have not been authorized or approved by SOLDANO in writing. ANY MODIFICATION TO THE PREAMP WILL VOID YOUR WARRANTY. If this product is defective in materials or workmanship as warranted above, your sole remedy shall be repair or replacement by SOLDANO as provided below.

CAUTION: Do NOT attempt to repair, modify or service this Soldano product by yourself!!! Please read the instruction manual for all safety notifications, warnings and instructions. Soldano utilizes tubes with extremely high voltages that can cause serious injury or death. Do not remove the chassis cover from the amplifier. All repair and service work must be performed by Soldano or an authorized service center of Soldano. ANY UNAUTHORIZED REPAIRS WILL VOID YOUR WARRANTY.

TUBES: Soldano warrants the original purchaser that the specific tubes used in this Soldano product will be free from defects in material and workmanship for a period of 90 days from the original date of purchase. A dated sales receipt will establish coverage under this warranty. This tube warranty will automatically terminate 90 days after the original retail sales date. This tube warranty is in lieu of all other expressed warranties. If tubes fail within the 90-day warranty period, your sole remedy shall be replacement of tubes as provided below.

RETURN PROCEDURES: In the unlikely event that a defect occurs please email support@Soldano.com. A member of our staff will email you a response in a timely manner. Please include your phone number in case our customer service department needs to reach you. In most cases we can help you diagnose the problem over the phone. If a product must be sent to us, please follow the procedure outlined below.

- Defective products must be shipped, together with proof of purchase, freight pre-paid and insured to the Authorized Soldano Service Center or directly to Soldano.
- If a product must be returned to Soldano for warranty replacement/repair, a Return Authorization Number must be obtained from our Customer Service Department prior to shipping the product.
- Please contact Soldano Customer Service Department for the Authorized Soldano Service Center nearest you.
- Products must be shipped in their original packaging or its equivalent; in any case, the risk of loss or damage in transit is to be borne by the purchaser.

- Please send to:
  SOLDANO
  5300 Harbor Street
  Commerce, CA 90040
- The Return Authorization Number must appear in large print directly below the shipping address.
- Always include a brief description of the defect, along with your correct return address and telephone number.
- When emailing to inquire about a returned product, always refer to the Return Authorization Number.

If Soldano determines that the unit was defective in materials or workmanship at any time during the warranty period, Soldano has the option of repairing or replacing the product at no additional charge, except as set forth below.

- All replaced parts become a property of Soldano. Products replaced or repaired under this warranty will be returned via ground shipping within the United States or Canada - freight prepaid.
- Soldano is not responsible for costs associated with expedited shipping, either to Soldano or the return of the product to the customer.

All warranty repairs outside the United States and Canada must be directed to the dealer or distributor from which you purchased the product.

INCIDENTAL OR CONSEQUENTIAL DAMAGE: In no event will Soldano be liable for any incidental or consequential damages arising out of the use or inability to use of any Soldano product, even if a Soldano dealer has been advised of the possibility of such damages, or any other claim by any other party. Some states do not allow the exclusion or limitation of consequential damages, so the above limitation and exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.

FOR YOUR PROTECTION: Please complete the warranty registration card within (10) ten days of the date of purchase so that we may contact you directly in the event a safety notification issued in accordance with the 1972 Consumer Product Safety Act.

CUSTOMER SUPPORT: Our dedicated and friendly staff is ready to help you with any warranty or product questions you may have. Please call us at Support@Soldano.com

Thank you again for choosing Soldano and we look forward to a long relationship!

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www.Soldano.com