

MiniPRO250

User Manual



MiniPRO250

Thank you for purchasing the Sound Leisure MiniPRO250 Professional Audio Amplifier solution, Designed for use with Sound Leisure MiniPRO Flat Panel LoudSpeakers.

Features

Music and Microphone input
Independent 3 band EQ for Music and Microphone
Lockable EQ for Music and Microphone
Mono/Stereo operation
Clipping detect LED
Self-Resetting Protection Features

Specification

2 x 65W rms Speaker outputs (For use with SL MiniPRO)
1 x 125W rms Subwoofer output (For use with SL MiniPRO Sub)
20K Ω Music input impedance (1Vp-p Nominal Input)
Low Impedance Electronically Balanced or Single Ended
Microphone input
+/- 15 dB Bass Control Range
+/- 7 dB Middle Control Range
+/- 15 dB Treble Control Range
230V / 110V Operation (factory set)
Over/Under Voltage, Over Current, Over Temperature
Self-Resetting Protection Features
Light Weight 1.65Kg

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Amplifier Layout.

Speaker Output Connector

Music Amp Volume

Mic Volume

LED Indicators

Power (Blue)

Fault (Red)

Clip LED (Amber)

EQ Settings Bass / Mid / Treble

Dip Switches

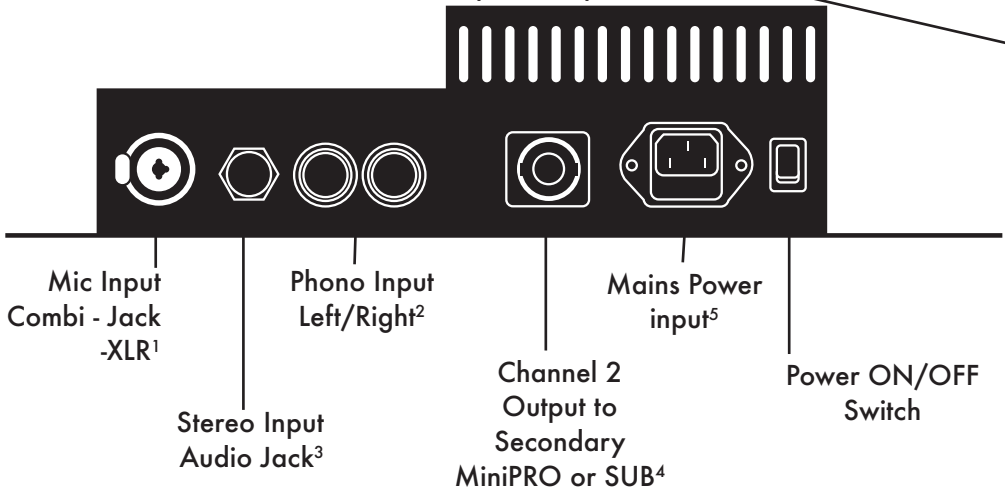
Sw1 = Stereo on/off

Sw2 = EQ on / disabled (flat)

Sw3 = Music EQ Lock on/off

Sw4 = Mic EQ Lock on/off

Inputs/Outputs See below



Mic Input
Combi - Jack
-XLR¹

Stereo Input
Audio Jack³

Phono Input
Left/Right²

Channel 2
Output to
Secondary
MiniPRO or SUB⁴

Mains Power
input⁵

Power ON/OFF
Switch

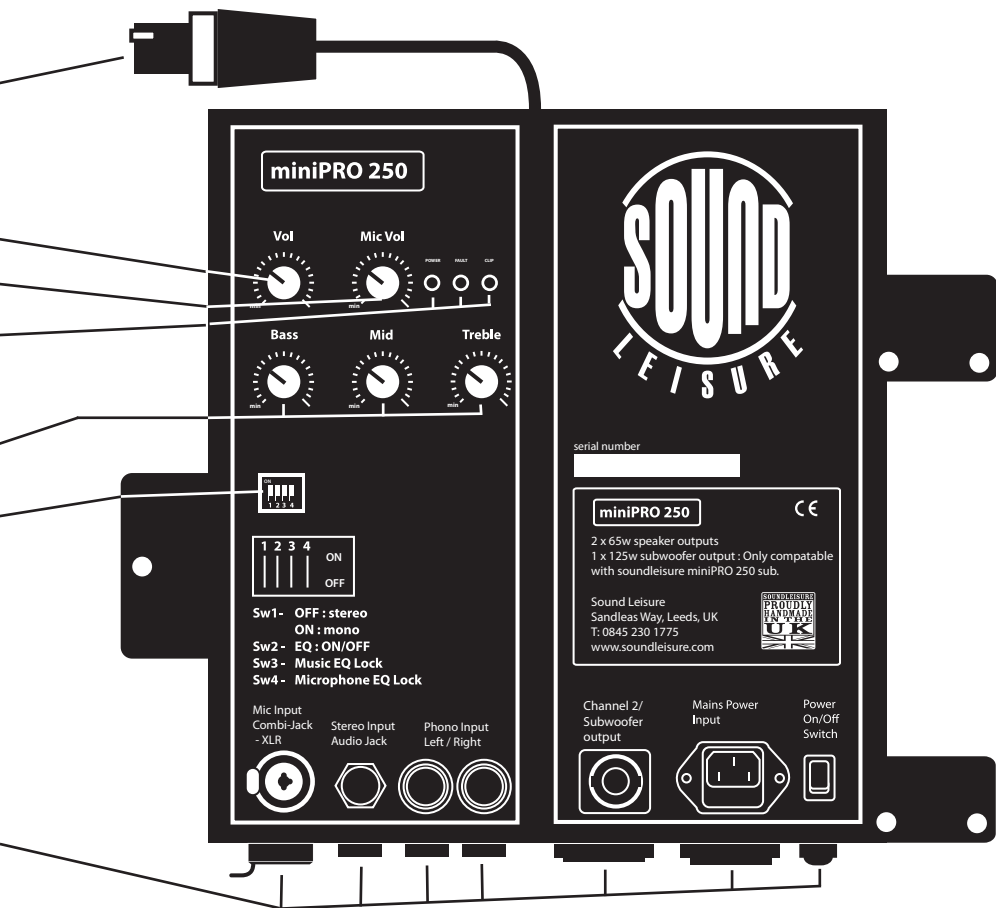
¹ XLR/Jack Combination Socket
Shield / 1 = GND
Ring / 3 = COLD
Tip / 2 = HOT

³ Stereo 6.35mm
Jack Socket
Tip = left Channel
Ring = Right Channel
Shield = GND

⁴ 4 pole speakon socket
1+ = Channel 2 Hot
1- = Channel 2 Cold
2+ = Channel 1 Hot
2- = Channel 1 Cold

⁵ IEC 3 Pin Socket.
**This equipment
must be
grounded.**

² 2 x RCA Phono Connectors



LED Indicators

The LED indicators on the MiniPRO 250 are as follows.

- Blue = Indicates that the MiniPRO 250 is powered up and ready for use.
- Red = Indicates there is a fault with the MiniPRO 250. See the Troubleshooting guide for possible solutions.
- Amber = Clip LED Indicates that the MiniPRO 250 output is clipping, this will degrade the audio output and cause distortion. Reduce the relevant volume control until the LED ceases to flash.

Trouble Shooting

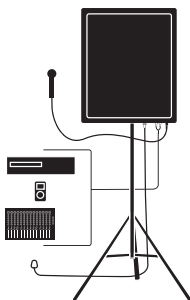
Should a fault occur please refer to the following table for a list of possible solutions. All the problems should be followed through methodically in order to find the relevant solution. If the RED fault light should display the MiniPRO 250 will shut down and the LED will remain lit. In this instance you should call Sound Leisure on: +44 (0) 845 230 1775

FAULT	SOLUTION
No Audio	<ol style="list-style-type: none"> 1. Check the Power (Blue LED) is on. 2. Check if Fault (Red LED) is on. (see below) 3. Check all wiring connections. 4. Check Volume Levels.
No EQ Control	Ensure SW2, SW3 and SW4 are all set at the OFF position.
Fault LED Lit	<ol style="list-style-type: none"> 1. Disconnect all wire connections. 2. Connect Power. If Fault LED (Red) remains on contact Sound Leisure. 3. If Fault LED (Red) remains OFF reconnect the system in turn, checking the Fault LED after each connection. If the Fault is found remove and replace faulty parts.
No Power (Blue) LED	<p>Check the power connection and ensure switch is turned on.</p> <p>Contact SL - No user serviceable parts inside.</p>
Clip LED (AMBER) Lit	Clip LED Indicates that the MiniPRO 250 output is clipping, this will degrade the audio output and cause distortion. Reduce the relevant volume control until the LED ceases to flash.

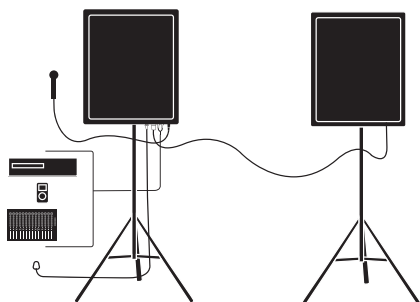
Set up Examples.

The MiniPRO250 can be set up in 3 different ways.

1. As a single speaker/amplifier unit by using the MiniPRO 250 on its own. (SW1 set to ON/UP for mono operation)
2. As a stereo set up by using an additional MiniPro speaker (sold separately) (SW1 set to OFF/DOWN for Stereo Operation)
3. As a stereo set up (as above) with an added Sub Bass unit (MiniPROSUB also available separately)

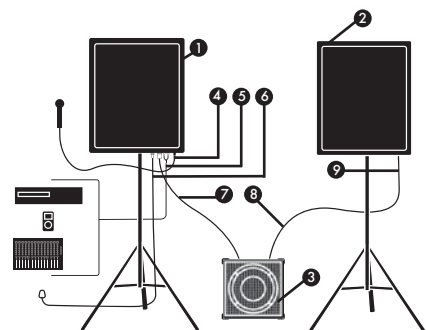


1. Single unit set up



2. Stereo set up with additional MiniPRO

Setup as above with exception that connection 7 should be connected directly to the input on the secondary MiniPRO speaker unit.



3. Stereo set up with MiniPROSub unit

1. MiniPRO 250 Speaker and Amp unit.
2. Second MiniPRO Speaker unit (sold separately)
3. MiniPROSUB unit (sold separately)

Connections

4. Mic input (balanced XLR or single ended)
5. Stereo Phono inputs for connection to CD,iPod,External Mixer
6. Mains Power supply - Either 230v or 110v Factory set
7. Output to MiniPROSub
8. Output from MiniProSub to secondary MiniPro
9. Input connection from MiniProSub

DIP Switch Settings

SW1 : ON = Mono
SW1 : OFF = Stereo



mono



stereo

SW1 allows the MiniPRO 250 to work in stereo or mono. If you are running your MiniPro 250 as a single unit setup (as on page 3) You must set this Dip Switch to Mono (ON/UP position) failing to do so will result in you only hearing part of your audio track as there is no additional speaker in which to produce the stereo sound.

When using the MiniPRO 250 with an additional MiniPRO speaker or speaker/sub setup you can select the Stereo set up (DIP switch to the OFF/DOWN position) This will produce a true (left and right) stereo sound.

SW2 : ON = EQ Bypassed
SW2 : OFF = EQ Enabled



eq
bypassed



eq
enabled

SW2 (ON/UP) bypasses all eq setting made by the MiniPRO 250 and returns the EQ to a "FLAT" sound.

SW3 : ON = Music EQ Locked ON
SW3 : OFF = Music EQ Locked OFF



music EQ
locked
ON



music EQ
Unlocked
OFF

SW3 allows any eq settings made to effect the sound of the MUSIC (by adjusting the bass, mid and treble knobs) to be locked. By switching SW3 to the ON/UP position locks the eq set. No further settings to the music EQ will be able to be made until SW3 is set to OFF/DOWN position.

SW4 : ON = Mic EQ Locked ON
SW4 : OFF = Mic EQ Locked OFF



mic EQ
locked
ON



mic EQ
Unlocked
OFF

SW4 Allows locking of any EQ set to the Mic sound. Setting SW4 to OFF/DOWN allows settings to be made by the bass, mid and treble knobs. Switching the SW4 switch to ON/UP locks the settings made.

ADJUSTING THE OVERALL EQ OF THE MiniPRO250

To set the OVERALL EQ of both music and mic as a whole both SW3 and SW4 should be set to the OFF/DOWN position and SW2 should be set to the OFF/DOWN position. Any adjustment to the bass, mid and treble knobs will effect the sound of the MiniPRO 250 as a whole. Please note that any settings made individually to the mic/music channels will be lost.

WARRANTY

SLR Products are warranted against defects in materials and workmanship. This warranty applies for one year from the date of delivery. We will repair or replace products that prove to be defective during the warranty period provided they are returned to SLR, **un-tampered.**

This warranty is in lieu of all other warranties, expressed or implied, including the implied warranty of fitness for a particular purpose to the original purchaser or to any other person. SLR shall not be liable for consequential damages of any kind.

If the product is to be returned to SLR for repair under warranty, it is essential that the type and serial number be quoted, together with full details of any fault.

No service work should be undertaken by the customer while the unit is under warranty except with the written authorisation of SLR.

If the product is to be returned to SLR for repair under warranty, it is essential that it is suitably packed and that carriage is insured and prepaid, SLR cannot accept responsibility for damage sustained during transit.

This Warranty May Be Null And Void Should The Customer Fail To Meet Our Terms Of Payment

If you have any questions about this product you can contact us:

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