

# SoundLAB

## Instruction Manual



### **P648WP**

### **120W 6 Channel Mixer Amplifier**

Thank you for buying your Soundlab 120W mixer amplifier.  
This product is designed for professional use.

This manual is an integral part of the product and should be retained with the unit at all times. If the unit is to be sold or relocated, it is imperative that the manual is included.

## **SAFETY AND WARNINGS**

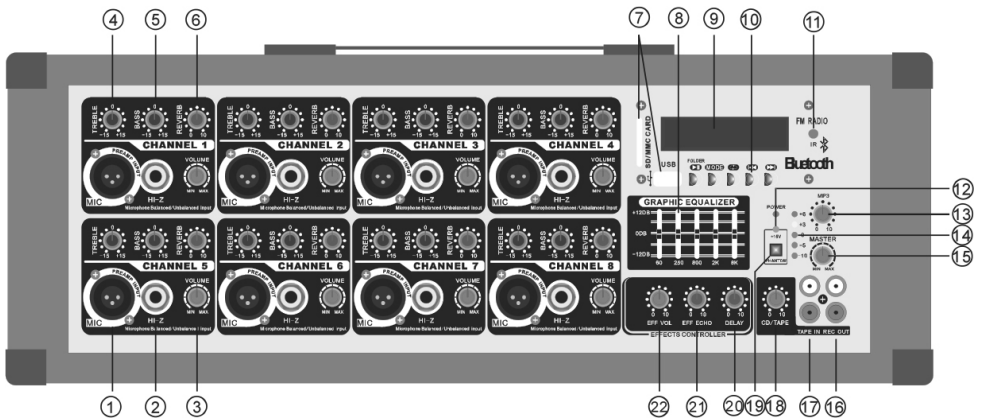
Please carefully read and follow these instructions before using the product.

**This product and its mains lead must be checked before use for any signs of damage.**

**If any is detected, then do not use and contact your supplier.**

- This appliance can be used by children aged 8 years and above, as well as individuals with reduced physical, sensory, or mental capabilities, provided they have received supervision or instruction on safe usage and understand the associated hazards.
- Children should not play with the appliance.
- For indoor use only.
- Do not use in bathrooms, wet rooms, or other damp locations.
- Avoid placing the mains lead beneath a carpet or rug.
- Do not use this appliance in areas where paint, petrol, or other flammable liquids are used or stored.
- Ensure the appliance is switched off and unplugged when not in use.
- Use the appliance only for its intended purpose.
- Never insert any object into the appliance through the grilles, as this may cause damage, overheating, or electric shock.
- Regularly inspect the product and its mains lead for any signs of damage. If damage is detected, discontinue use immediately and consult your supplier.
- Only use this product on a flat, stable surface.
- Do not leave the product unattended while in use.
- There are no user-serviceable parts in this product.
- Avoid moving or knocking the product while in use.
- Do not obstruct air intakes or exhaust vents.
- This product must only be used in an upright position.
- Do not cover the product.
- Avoid use in areas with high concentrations of dust or fibre particles.
- Disconnect the unit from the mains supply before moving it.

## FRONT PANEL OVERVIEW



1. Microphone (Balanced XLR Input): Designed to reduce interference over long distances, providing a clean and reliable connection for microphones
2. HI Z (6.35mm Jack Input): Directly connects high-impedance equipment like electric guitars, offering flexibility for various audio sources
3. Volume: Increases or decreases the volume of the effects
4. Treble Control: A rotary pot allowing you to boost or attenuate higher frequencies, providing precise tonal adjustments
5. Bass Control: A rotary pot for boosting or attenuating lower frequencies, enabling customization of the low-end response
6. Reverb Control: Adjusts the amount of reverberation added to the input signal, enhancing the spatial characteristics of the audio
7. USB Port and SD Card Slot
8. Graphic Unit: 5-bar graphic audio equalizer with bands corresponding to specific frequency ranges, allowing users to adjust the overall output of the mixer
9. LCD Display
10. Media Player buttons
11. IR Receiver
12. Power and Phantom Power LED Indicators
13. MP3: Increases or decreases the output volume of the media player
14. Output Level Indicator
15. Master Volume: Increases or decreases the overall output volume of the mixer into your speakers
16. Record Out phono socket
17. Line In phono socket
18. Line In and Record Out Volume Control: Adjusts the input volume from an external source like a CD player
19. Phantom Power: Press the button with an illuminated LED to activate phantom power for the microphone channels
20. Effects Controller Delay: Increases or decreases the delay effect
21. Effects Controller Echo: Increases or decreases the echo effect
22. Effects Controller Volume: Increases or decreases the volume of the effects

## MEDIA PLAYER

Mode Button (m): Enables selection between Bluetooth, USB, SD card or radio modes

### Bluetooth:

- Select Bluetooth via the mode button, and accept on your device (Code: Bluetooth)
- >>| Increases volume
- <<| Decreases volume

### Radio:

- Select radio via the mode button.
- Press folder to start a scan, scans available FM stations and stores them
- >>| Long press increases volume
- <<| Long press decreases volume
- >>| Fast press moves up pre-stored radio stations
- <<| Fast press moves down pre-stored radio stations

### USB/SD Card:

- Select USB/SD Card mode and plug in the device
- >>| Long press increases volume
- <<| Long press decreases volume
- >>| Fast press moves up the track selection
- <<| Fast press moves down the track selection
- Repeat: Repeat all, Repeat last track, Random

## BACK PANEL OVERVIEW



1. Line Out: Full signal output via 6.35mm for use with line inputs on slave amplifiers
2. On/Off Switch: Controls the power, allowing you to switch the unit on and off
3. Speaker Outputs: Two 6.35mm Jack 8 Ohm outputs for connecting speakers
4. AC: Power input via IEC socket

## CLEANING AND MAINTENANCE

- This product does not contain user-serviceable parts
- Before cleaning, ensure the unit is switched off and disconnected from its power supply
- Clean with a slightly damp cloth
- Remove dust and grime from grills and vents using a soft, brittle paintbrush or similar

## TECHNICAL SPECIFICATION

Rated Output Power.....	1 x 120W 8 Ohms
Frequency Response .....	20Hz-20kHz
Signal to Noise Ratio .....	>70db
THD+N.....	< 0.5%
Channels 1-6 .....	Balanced 3 Pin XLR and Hi-Z Inputs: EQ, Reverb, volume
.....	Overall 5 Band EQ
Effects Controller .....	Echo, Delay, and Volume
Line In .....	Phono socket with Volume control
.....	Record/Line Out
.....	Master Volume Control
Phantom Power .....	+48V

## Media Player

Bluetooth.....	Version: 4, Range: 10m
Music Formats .....	MP3/WAV/WMA/FLAC (8/16/24bit)
File System .....	FAT16 or FAT32
Outputs .....	Low Impedance 8 Ohm
Protection.....	Short Circuit, Overheating, Overload
Power:.....	230V AC @ 50Hz
Dimensions.....	440 x 310 x 200mm
Weight .....	9.5kg



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