

LAUDIO®

MULTISPACE



MANUAL
INSTRUKCJA OBSŁUGI

ENGLISH

Congratulations to the purchase of this LAUDIO product. Please read this manual thoroughly prior to using the unit in order to benefit fully from all features.

Read the manual prior to using the unit. Follow the instructions in order not to invalidate the warranty. Take all precautions to avoid fire and/or electrical shock. Repairs must only be carried out by a qualified technician in order to avoid electrical shock. Keep the manual for future reference.

- Prior to using the unit, please ask advice from a specialist. When the unit is switched on for the first time, some smell may occur. This is normal and will disappear after a while.
- The unit contains voltage carrying parts. Therefore do NOT open the housing.
- Do not place metal objects or pour liquids into the unit. This may cause electrical shock and malfunction.
- Do not place the unit near heat sources such as radiators, etc. Do not place the unit on a vibrating surface. Do not cover the ventilation holes.
- The unit is not suitable for continuous use.
- Be careful with the mains lead and do not damage it. A faulty or damaged mains lead can cause electrical shock and malfunction.
- When unplugging the unit from a mains outlet, always pull the plug, never the lead.
- Do not plug or unplug the unit with wet hands.
- If the plug and/or the mains lead are damaged, they need to be replaced by a qualified technician.
- If the unit is damaged to such an extent that internal parts are visible, do NOT plug the unit into a mains outlet and DO NOT switch the unit on. Contact your dealer.
- To avoid fire and shock hazard, do not expose the unit to rain and moisture.
- All repairs should be carried out by a qualified technician only.
- Connect the unit to an earthed mains outlet (220-240Vac/50Hz) protected by a 10-16A fuse.
- During a thunderstorm or if the unit will not be used for a longer period of time, unplug it from the mains. The rule is: Unplug it from the mains when not in use.
- If the unit has not been used for a longer period of time, condensation may occur. Let the unit reach room temperature before you switch it on.
- Never use the unit in humid rooms or outdoors.
- To prevent accidents in companies, you must follow the applicable guide lines and follow the instructions.

- Do not repeatedly switch the fixture on and off. This shortens the life time.
- Keep the unit out of the reach of children. Do not leave the unit unattended.
- Do not use cleaning sprays to clean switches. The residues of these sprays cause deposits of dust and grease. In case of malfunction, always seek advice from a specialist.
- Do not force the controls.
- This unit is with speaker inside which can cause magnetic field. Keep this unit at least 60cm away from computer or TV.
- If this product have a built-in lead-acid rechargeable battery. Please recharge the battery every 3 months if you are not going to use the product for a long period of time. Otherwise the battery may be permanently damaged.
- If the battery is damaged please replace with same specifications battery. And dispose the damaged battery environment friendly.
- If the unit has fallen, always have it checked by a qualified technician before you switch the unit on again.
- Do not use chemicals to clean the unit. They damage the varnish. Only clean the unit with a dry cloth.
- Keep away from electronic equipment that may cause interference.
- Only use original spares for repairs, otherwise serious damage and/or dangerous radiation may occur.
- Switch the unit off prior to unplugging it from the mains and/or other equipment. Unplug all leads and cables prior to moving the unit.
- Make sure that the mains lead cannot be damaged when people walk on it. Check the mains lead before every use for damages and faults!
- The mains voltage is 220-240Vac/50Hz. Check if power outlet match. If you travel, make sure that the mains voltage of the country is suitable for this unit.
- Keep the original packing material so that you can transport the unit in safe conditions.



This mark attracts the attention of the user to high voltages that are present inside the housing and that are of sufficient magnitude to cause a shock hazard.



This mark attracts the attention of the user to important instructions that are contained in the manual and that he should read and adhere to.

The unit has been certified CE. It is prohibited to make any changes to the unit. They would invalidate the CE certificate and their guarantee!

NOTE: To make sure that the unit will function normally, it must be used in rooms with a temperature between 5°C/41°F and 35°C/95°F.



Electric products must not be put into household waste. Please bring them to a recycling centre. Ask your local authorities or your dealer about the way to proceed. The specifications are typical. The actual values can slightly change from one unit to the other. Specifications can be changed without prior notice.

Do not attempt to make any repairs yourself. This would invalidate your warranty. Do not make any changes to the unit. This would also invalidate your warranty. The warranty is not applicable in case of accidents or damages caused by inappropriate use or disrespect of the warnings contained in this manual. LAUDIO cannot be held responsible for personal injuries caused by a disrespect of the safety recommendations and warnings. This is also applicable to all damages in whatever form.

UNPACKING INSTRUCTION

CAUTION! Carefully unpack the box upon receipt. Check the contents to ensure that all parts are present and have been received in good condition. Notify the shipper immediately and retain packaging material if any parts appear damaged from shipping or the package itself shows signs of mishandling. Save the package and all packaging materials. If the product must be returned, it is important that the product is returned in the original factory box and packaging.

If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.

POWERSUPPLY

On the label on the backside of the product is indicated on this type of power supply must be connected. Check that the mains voltage corresponds to this, all other voltages than specified, the light effect can be irreparably damaged. The product must also be directly connected to the mains and may be used. No dimmer or adjustable power supply.



Always connect the device to a protected circuit (circuit breaker or fuse). Make sure the device has an appropriate electrical ground to avoid the risk of electrocution or fire.

REPLACING THE FUSE

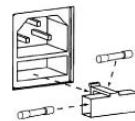
If the fuse is defective, replace the fuse with a fuse of the same type and value. Before replacing the fuse, unplug mains lead. Procedure:

Step 1: Open the fuse holder on the rear panel with a fitting screwdriver.

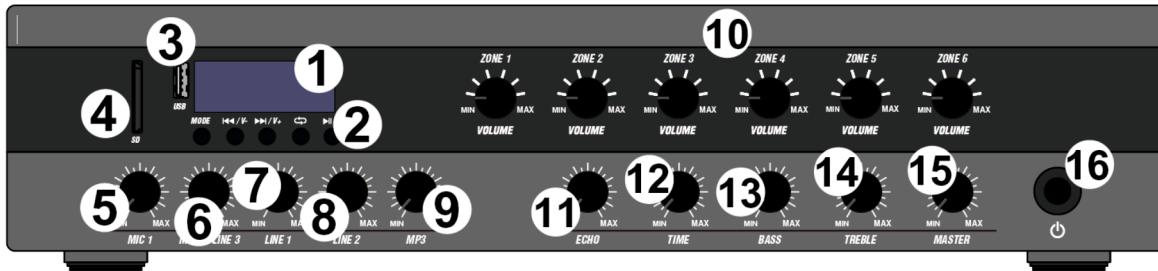
Step 2: Remove the old fuse from the fuse holder.

Step 3: Install the new fuse in the fuse holder.

Step 4: Replace the fuse holder in the housing.



FRONT PANEL



1. **DISPLAY:** The display shows multiple forms of information, for example current MODE, elapsed time, etc.

2. **BUTTON CLUSTER:**

Mode - Press to change modes between playing SD, USB, MP3, FM and BT.

Previous - Press this button to go to the previous track/station. Press and hold to lower the volume level.

Next - Press this button to go to the next track/station. Press and hold to increase the volume level.

Repeat - Press the repeat button once to continually repeat ALL tracks, press repeat once more to repeat just the current track.

Play/pause / Store FM - Press this button to start/resume or pause play. Press and hold to automatically scan for FM stations and store them in FM mode.

3. **USB PORT:** You can play media files from a USB device by connecting the device to this slot.

4. **SD CARD SLOT:** Insert an SD card in this slot.

5. **MIC1 OUTPUT LEVEL CONTROL:** Adjust the volume of the MIC1 channel.

6. **MIC2/LINE 3 OUTPUT LEVEL CONTROL:** Adjust the volume of the MIC2/LINE3 channel.

7. **LINE1 OUTPUT LEVEL CONTROL:** Adjust the volume of the LINE1 channel.

8. **LINE2 OUTPUT LEVEL CONTROL:** Adjust the volume of the LINE2 channel.

9. **MP3 OUTPUT LEVEL CONTROL:** Adjust the volume of the MP3 channel.

10. **ZONE VOLUME CONTROL:** Adjust the volume for zone 1 - 6 separately.

11. **ECHO CONTROL:** Turn to adjust the microphone echo effect.

12. **ECHO TIME CONTROL:** Turn to adjust the repeat value of the echo effect. Repeats will be increased when rotating clockwise, repeats will be reduced when rotating counter-clockwise.

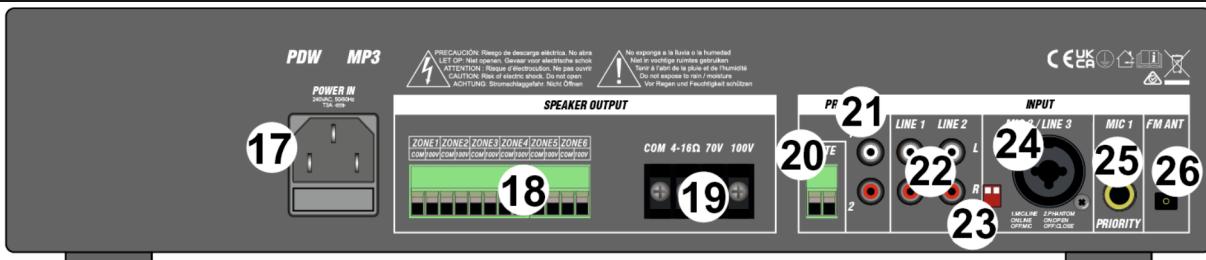
13. **BASS CONTROL:** Adjust the low frequencies of the corresponding channel.

14. **TREBLE CONTROL:** Adjust the high frequencies of the corresponding channel.

15. **MASTER VOLUME CONTROL:** Turn to adjust the master volume level.

16. **STANDBY:** Press to put the device in/out of standby.

REAR PANEL



17. **POWER IN AND FUSE HOLDER:** Socket for plugging in the supplied power cord (top). For instructions on how to change the fuse (bottom), see "REPLACING THE FUSE".

18. **ZONE OUTPUT TERMINAL:** These terminals allow for connecting speakers for different zones.

19. **OUTPUT CONNECTIONS:** Output connections for both low impedance and constant voltage distributed audio systems are provided. The low impedance loudspeaker and 100V constant voltage output share a 4-PIN terminal block.

20. **MUTE CONNECTION:** Mute connection terminal. The amplifier will mute all other channels when short circuit this terminal.

21. **PRE-OUT:** RCA-connectors to allow connecting an external power amplifier instead of using the built-in amplifier. It allows a signal to pass through the receiver without amplification, to instead be amplified by another power source.

22. **LINE1 & LINE2 INPUT:** RCA stereo line input connectors.

23. **PHANTOM / MIC/LINE SWITCH:** Switch 1 is for choosing between MIC2 and LINE3 channels. Switch 2 will enable phantom power to MIC2 channel.

24. **MIC2/LINE3 INPUT:** Combi jack input (6.3mm jack, XLR) connector.

25. **UNBALANCED MIC INPUT:** 6.3mm jack microphone input. This input will mute all other channels when a signal is detected (priority).

26. **ANTENNA:** Use an FM antenna to ensure the best possible FM reception.

CONNECTING WITH BT



1. Activate the BT-function on your device (Mobile phone, tablet etc.) from which you want to play the music. See the operating instructions for that device.
2. Press the "BT" button and activate BT-function.
3. Select "BLUETOOTH" on your BT-device and make the BT-connection

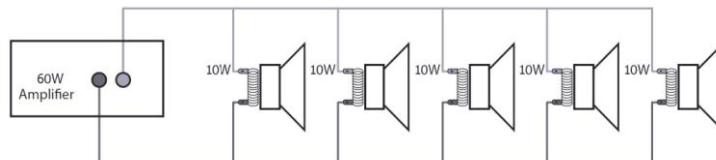
If password is required, you can enter "0000".

Attention: The BT distance is approx. 10 meter without any barrier.

100V LINE SYSTEM

For 100V line systems, connect the amplifier to the first speaker in the system using double-insulated speaker wire which has adequate current rating to handle the total output of the amplifier.

Connect the "100V" output terminal to the positive (+) connection of the speaker and "COM" output to the negative (-) connection of the speaker. Connect further speakers in parallel to the first speaker with all positive terminals and connected together and all negative terminals connected together as shown below.



A 100V line speaker system can comprise of many speakers connected together. The determining factor for how many speakers can be used on a single amplifier is the power rating. For most purposes, it is advised to connect as many speakers as needed with a combined wattage of no more than 90% of the amplifier's output power rating.

The terminals of a 100V speaker are connected to a transformer and in some cases, this transformer may be "tapped" for different power ratings. These tapings can be used to adjust the wattage (and output volume) of each speaker in the system to help achieve the ideal total power of the system for the amplifier.

SPEAKER TERMINALS

These terminals are offering a low voltage output 8Ω . A 70V/100V commercial output is also available.

Please note that one wire only should be connected to COM screw and one wire to the selected impedance or voltage.

ATTENTION: Multiple combinations cannot be done at the output level.

Different types of connections are provided. The low impedance section (8Ω) is designed for a small amount of speakers to be connected to your amplifier. The 70V/100V section is especially designed for a multiple speaker distribution. When using the 70V/100V output, speakers have to be equipped with 70V/100V transformer. The maximum amount of speakers to be placed on your distribution line is in relation to the power allocated to each speaker. The total wattage set on the secondary side of the transformers on your speaker line must not exceed the maximum RMS output power. Failure to respect this may cause permanent damage to the amplifier.