

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

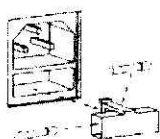
On the label on the backside of the product is indicated on this type of power supply must be connected. Check that the mains voltage corresponds to this, all other voltages than specified, the light effect can be irreparably damaged. The product must also be directly connected to the mains and may be 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:

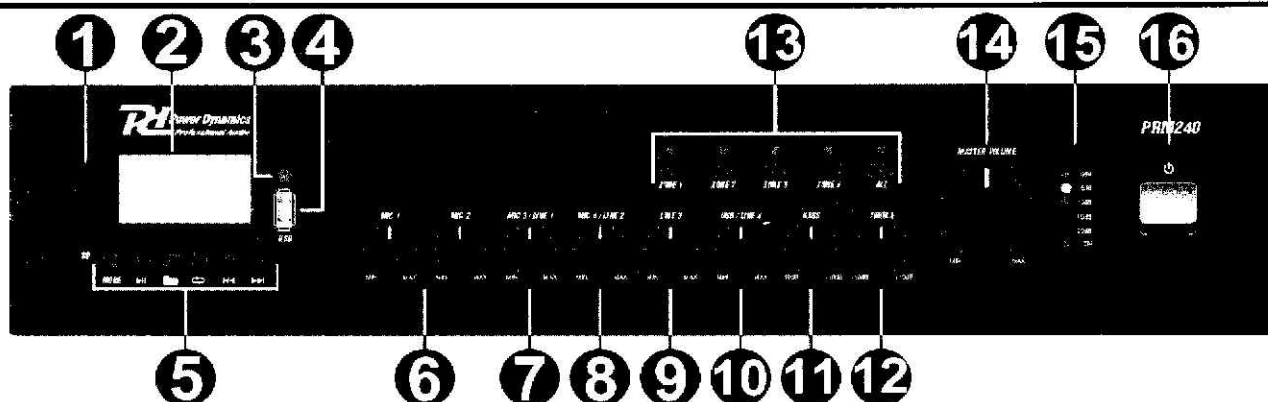
Step 1: Open the fuse holder on the rear panel with a fitting screwdriver.

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

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

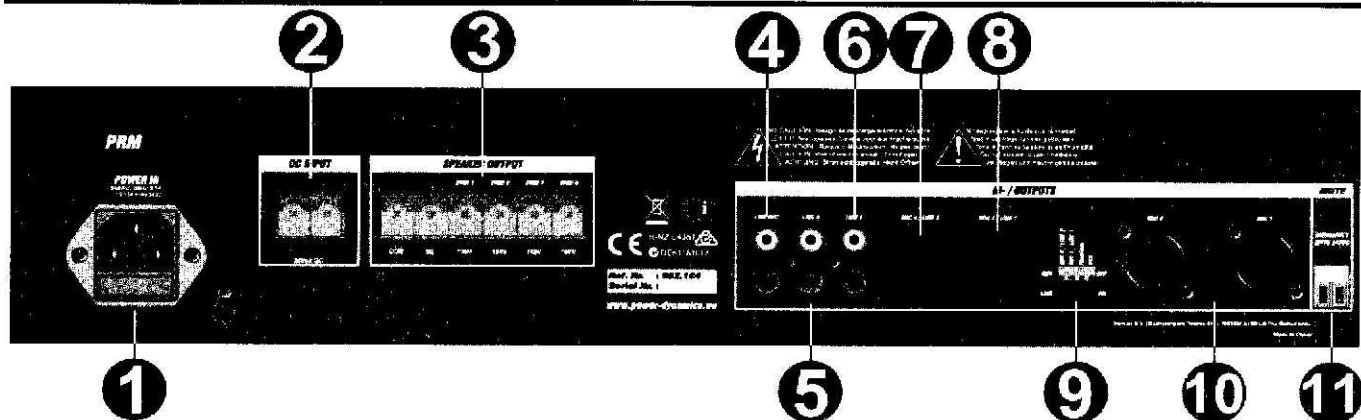
Step 4: Replace the fuse holder in the housing.

FRONT PANEL



1. **SD CARD SLOT:** Insert an SD card in this slot.
2. **DISPLAY:** The display shows multiple forms of information, for example current MODE, elapsed time, etc.
3. **REMOTE CONTROL SENSOR:** This sensor receives the infrared information from the remote control.
4. **USB PORT:** You can play media files from a USB device by connecting the device to this slot.
5. **BUTTON CLUSTER:**
 - MODE BUTTON** - Press to change modes between playing SD, USB, MP3 and BT.
 - PLAY / PAUSE** - Press this button to start or pause play.
 - FOLDER** - Press this button to enter FOLDER selection.
 - REPEAT MODE** - Press the repeat button once to continually repeat ALL tracks, press repeat once more to repeat just the current track.
 - PREVIOUS** - Press this button to go to the previous track. Press and hold to scan backwards within tracks.
 - NEXT** - Press this button to go to the next track. Press and hold to scan forwards within tracks.
6. **MIC 1 & 2 OUTPUT LEVEL CONTROL:** Adjust the volume of the MIC 1 & 2 channel.
7. **MIC 3/LINE 1 OUTPUT LEVEL CONTROL:** Adjust the volume of the MIC 3/LINE 1 channel.
8. **MIC 4/LINE 2 OUTPUT LEVEL CONTROL:** Adjust the volume of the MIC 4/LINE 2 channel.
9. **LINE 3 OUTPUT LEVEL CONTROL:** Adjust the volume of the LINE 3 channel.
10. **LINE 4/USB OUTPUT LEVEL CONTROL:** Adjust the volume of the LINE 4/USB channel.
11. **BASS CONTROL:** Adjust the low frequencies of the corresponding channel.
12. **TREBLE CONTROL:** Adjust the high frequencies of the corresponding channel.
13. **ZONE 1-4 OUTPUT SWITCHES:** The different connected loudspeaker lines (1-4) can be switched on and off by pressing the switches with the corresponding numbers. When the 'All' switch is pressed, all zone (1-4) outputs will be enabled or disabled.
14. **MASTER VOL:** This knob controls the master volume.
15. **LED INDICATORS (VU-METER):** The current system operation is indicated on the 6 digit LED bar graph. The LED's monitor the current output level within a range of -20 dB and 0 dB.
16. **POWER SWITCH:** Turn the device ON or OFF.

REAR PANEL



1. **AC 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".
2. **BATTERY INPUT 24V DC:** The main DC power supply (24V) has to be applied to this connector. This is a standby power inlet to connect a 24V battery.
3. **SPEAKER OUTPUT:** These terminals allow for connecting speakers.
4. **LINE RCA OUTPUT:** Further amplifiers can be connected from these RCA sockets.
5. **LINE 4 RCA INPUT:** RCA jack input for connecting audio units with line level output.
6. **LINE 3 RCA INPUT:** RCA jack input for connecting audio units with line level output.
7. **MIC 4/LINE 2 INPUT:** 6.3mm (1/4") input jack for connecting audio units with line level output or a microphone.
8. **MIC 3/LINE 1 INPUT:** 6.3mm (1/4") input jack for connecting audio units with line level output or a microphone.
9. **DIPSWITCH:** Switches for selecting the preferred input channel, phantom power and vox.

PIN	FUNCTION	ON	OFF
Pin 1	MIC 4/LINE 2 selection	Line 2	MIC 4
Pin 2	MIC 3/LINE 1 selection	Line 1	MIC 3
Pin 3	Phantom Power	ON	OFF
Pin 4	Vox	ON	OFF

10. **MIC INPUTS:** XLR input sockets for connecting microphones.
11. **EMERGENCY MUTE:** Mixing amplifiers of the PRM series are equipped with a connector for a 24V mute function. The contact can be connected to an alarm panel with a 24V trigger output. When the alarm is triggered, the amplifier mutes all channels except MIC-1, which remains active for emergency messages.

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 "**PRM-AMPLIFIER**" on your BT-device and make the BT-connection

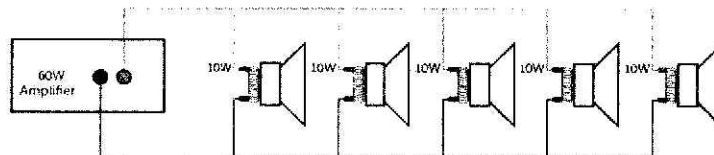
If password is required, you can enter "0000".

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.