

TOURtek. | **PORTABLE** **PA210** **PA SYSTEM**



Important Safety Information



ATTENTION
RISQUE DE CHOC ÉLECTRONIQUE -
NE PAS OUVRIR



This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.



CAUTION

To prevent electric shock hazard, do not connect to mains power supply while grille is removed.

WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK) AS THERE ARE NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



If you want to dispose this product, do not mix it with general household waste. There is a separate collection system for used electronic products in accordance with legislation that requires proper treatment, recovery and recycling.

Private household in the 28 member states of the EU, in Switzerland and Norway may return their used electronic products free of charge to designated collection facilities or to a retailer (if you purchase a similar new one).
For Countries not mentioned above, please contact your local authorities for a correct method of disposal.

By doing so you will ensure that your disposed product undergoes the necessary treatment, recovery and recycling and thus prevent potential negative effects on the environment and human health.

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Important Safety Information

1. Read these instructions.
 2. Keep these instructions.
 3. Heed all warnings.
 4. Follow all instructions.
 5. Do not use this apparatus near water.
 6. Clean only with dry cloth.
 7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
 8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
 9. Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
 10. Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.
 11. Only use attachments/accessories specified by the manufacturer.
 12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
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13. Unplug the apparatus during lightening, sort or when unused for long periods of time.
 14. Refer all servicing to qualified personnel. Service is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
 15. This appliance shall not be exposed to dripping or splashing water and that no object filled with liquid such as vases shall be placed on the apparatus.
 16. Caution-to prevent electrical shock, match wide blade plug wide slot fully insert.
 17. Please keep a good ventilation environment around the entire unit.
 18. **POWER ON/OFF SWITCH:** For products with a power switch, the power switch DOES NOT break the connection from the mains.
 19. **MAINS DISCONNECT:** The plug should remain readily operable. For rack-mount or installation where plug is not accessible, an all-pole mains switch with a contact separation of at least 3mm in each pole shall be incorporated into the electrical installation of the rack or building.
 20. **Warning:** The apparatus shall be connected to a MAINS socket outlet with a protective earthing connection.

Important Safety Information

FCC Notice

1. 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.
 - (2) This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Statement

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.

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.

RF Warning Statement

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Quick Start

1. Be sure that the PA210 POWER switch is set to the OFF position.
2. Turn each of the channel VOLUME and MASTER VOLUME controls fully counterclockwise, to the "0" position.
3. Next, connect one side of the included power cable to the PA210 mixer's power inlet and the other to a grounded AC power outlet.
4. Connect your microphones using standard XLR cables, instruments using 1/4" cables, and MP3 player using 1/8" cable, into the appropriate jacks on the mixer.
5. Switch on all equipment connected to the PA210 first, then switch the PA210 POWER switch to the ON position.
6. Turn the MASTER VOLUME control about 1/2 of the way up.
7. Start talking or playing into channel 1 while slowly adjusting the VOLUME control until you have reached the desired level. Do the same for each channel you are using.
8. If you notice that the LIMIT indicator is lighting constantly, turn the MASTER volume down so that the indicator only lights occasionally during loud hits.

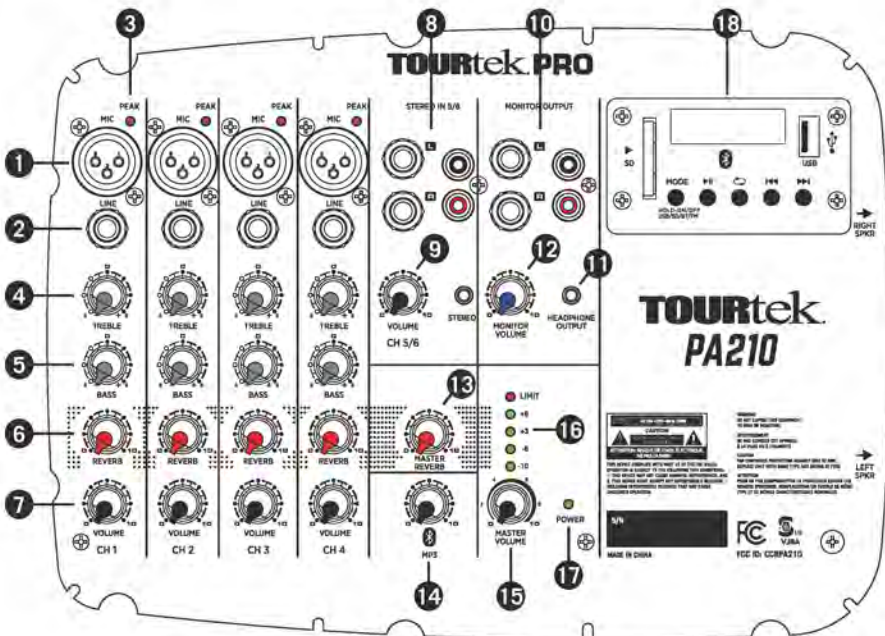
To add depth to the mix or smooth out vocals, you can apply reverb to the first four channels. To do this:

9. Raise the REVERB level controls on the channel(s) to which you would like to add the effect.
10. Slowly turn up the MASTER REVERB knob until the desired sound is reached.

The PA210 input channels feature a 2-band equalizer allowing you to adjust the tonal characteristic of the signal. You can independently adjust the bass and treble frequencies on each channel. The channel's frequency response is flat when the knobs are in the 12 o'clock position.

11. If you find the audio too muddy, you may want to reduce the BASS (low frequency) control.
12. If you find that the audio sounds dull, you can increase the TREBLE (high frequency) control. There is no right or wrong way to EQ a sound. You should listen to how the mix sounds in the room and fine-tune to your liking.

Mixer Layout



1. **XLR MIC Input Connectors (CH1 - CH4)** – Use these XLR jacks to connect low impedance microphones, or low level signals from direct boxes, to the built-in mic preamps.
2. **1/4" LINE Input Connector (CH1 - CH4)** – Use this 1/4" jack to connect instrument or audio sources with line level signals.
3. **PEAK Indicator** – This LED indicator will flash red when the channel input signal peaks. To reduce distortion, turn the VOLUME control counterclockwise until the clip indicator does not light during normal use.
4. **TREBLE EQ Control** – The TREBLE knob controls the amount of treble applied to each channel. The channel's TREBLE frequency response is flat when the knob is in the 12 o'clock or "0" position.
5. **BASS EQ Control** – The BASS knob controls the amount of bass applied to each channel. The channel's BASS frequency response is flat when the knob is in the 12 o'clock or "0" position.
6. **REVERB Send Knob** – The REVERB send knob is used to adjust the total amount of signal from the input channel added to the Master Reverb.
7. **VOLUME Control** – These knobs set the overall level for each input channel.
NOTE: To reduce noise, set the VOLUME controls on any unused channels to the minimum setting.
8. **Stereo Input Channel (CH5/6)** – Use the Left (L) and Right (R) 1/4" inputs, RCA or stereo 1/8" (3.5mm) inputs to connect stereo line level devices.

Mixer Layout

9. **VOLUME Control (CH5/6)** – This knob controls the volume of stereo input channel.
10. **MONITOR OUTPUT Jacks** – The signal present at the MONITOR OUTPUT 1/4" and RCA jacks is sent from the MONITOR VOLUME control knob, which is mix the input channels. The MASTER VOLUME control does not affect the MONITOR OUTPUT signal. These outputs can be used to a second set of powered speakers or audio recorder.
11. **HEADPHONE OUTPUT** – Connect 1/8" stereo headphones to this output. The HEADPHONE OUTPUT level is controlled by the MONITOR VOLUME control.
12. **MONITOR VOLUME Control** – The MONITOR Volume control is used to control the overall level sent to the MONITOR OUTPUT and HEADPHONE OUTPUT.
13. **MASTER REVERB Control** – The MASTER REVERB control knob is use to adjust the total amount of reverb added to the main mix. The amount of each input channel applied MASTER REVERB is controlled by the REVERB Send knobs.
14. **Bluetooth® MP3 Control** – This knob controls the level of the media player USB, SD card and *Bluetooth* audio.
15. **MASTER VOLUME Knob** – The MASTER VOLUME knob controls the overall output level. Signals from all channels are routed here just before being routed to the built-in power amplifiers and Left and Right Speaker Output jacks.
16. **Signal Meter** – This five-segment bar meter shows the system output level.
17. **POWER Indicator** – This LED will illuminate GREEN when the power switch is turned on.
18. **Media Player** – Internal media player for *Bluetooth* and MP3 music playback. The player can playback audio from USB flash drives and SD cards

Media Player Controls

MODE	Switches modes from Bluetooth, SD and USB.
▶▶	Play / Pause the USB, SD, or Bluetooth source.
↺	Press to set the repeat mode for the USB or SD track. One: Repeats current track; All: Repeats all tracks.
⏮	Plays the previous USB, SD, or <i>Bluetooth</i> track.
⏭	Plays the next USB, SD, or <i>Bluetooth</i> track.e.

Pairing with a Bluetooth® device

The built-in Media Player uses *Bluetooth* to stream high quality audio from your Bluetooth enabled device without the need for connecting any cables. The Media Player has a range of approximately 30' (10m) Follow these steps to pair your device:

1. Press the MODE button on the media player or the remote control until the display indicates "BLUETOOTH".
2. In the settings of your *Bluetooth* device, set it to "discover" available devices. From the *Bluetooth* device list, select the device labeled "Tourtek PA210".
3. Once the Bluetooth receiver is connected to your mobile device, the audio player's display indicates "BLUETOOTH" and is ready to play music. Just play music on your mobile device as you normally would and the sound will come out of the speaker system.
4. To pause or continue the playback, press the button (▶▶ I).
5. Press the (⏮) and (⏭) buttons to skip titles in forward or backward direction.
6. To switch over to playback of a USB device or an SD card press the MODE button (repeatedly).

