

MTX[®]

AUDIO



RTP8

20cm (8") Powered Enclosure 360W PEAK 120W RMS

Designed by MTX in Phoenix, AZ - USA



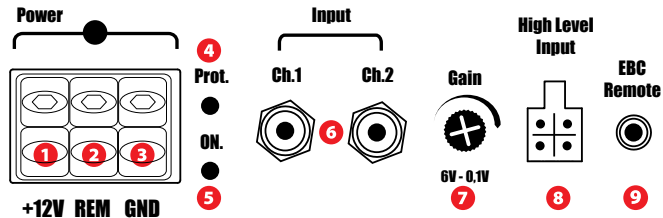
Thank You !

Thank you for purchasing an MTX Audio High-End amplifier. Proper installation matched with MTX speakers and subwoofers provide superior sound and performance for endless hours of waking the neighbors, slammin' your friends or flat out stomping wanna-be players. Congrats and enjoy the ultimate audio experience with MTX !

Specifications :

- Powered vented enclosure
- Mono block class-D amplifier
- Subwoofer : 20cm (8")
- Amplifier Max Power : 360W
- Amplifier RMS Power : 120W
- High and low level inputs
- EBC (External Bass Control) remote included
- Dimensions : 33x31x31 cm

Control Panel on the Amplifier :



- 1** Power Terminal (+12V) : This is the main power input for the amplifier and must be connected directly to the positive terminal of the vehicles battery for proper operation. Use caution when installing (+12V) power cable in the vehicle. Avoid running this cable parallel with RCA cables, antennas, or other sensitive equipment due to massive currents that can induce noise into the audio system. It is also very important to have a tight, secure connection for maximum performance. MTX recommends using a minimum of 6mm² copper power wire with the MTX RTP8.
- 2** Remote Terminal (REM) – The amplifier can be turned on by applying 12 volts to this terminal. Typically this voltage is supplied by a wire from the source unit marked "remote" or "power antenna".
- 3** Ground Terminal (GND) : A proper ground is required for your amplifier to operate at peak performance. A short ground cable the same diameter as the power cable should be used to attach the ground terminal directly to the chassis of the vehicle. Always remove paint, dirt or debris to expose bare metal where the ground will be attached.
- 4** Protection LED (Prot) : When the amp is in thermal protection, the LED turns to red.
- 5** PowerOn LED (ON) : The LED illuminates red when the amp is switched on.
- 6** RCA Inputs (Input) : These RCA inputs are used with source units that have RCA or Line level outputs. (Source units need a minimum level of 100mV output for proper operation of the amplifier). MTX recommends only high quality RCA cables to decrease the possibility of radiated noise entering the system.
- 7** Gain Control (Gain) : The gain control matches the input sensitivity of the amplifier to the source unit being used. The operating range varies from 100mv to 6V. Adjusting the gain:
 1. Turn the gain control on the amplifier all the way down (counter clockwise).
 2. Turn up the volume control on the source unit to approximately 3/4 of maximum.
 3. Adjust the gain control on the amplifier until audible distortion occurs.
 4. Adjust the gain control down until audible distortion disappears.
 5. The amplifier is now calibrated to the output of the source unit.
- 8** Speaker level inputs (High Level Input) : This input will allow the amplifier to operate from source units with speaker-level outputs. Output speaker leads from the source unit should be tied directly to the wire harness provided with the amplifier.
Note : When speaker level inputs are used, a remote turn on wire must used to switch the amplifier on and off.
- 9** Remote bass control port (EBC) : use this port to connect the optional MTX EBC. It allows you to control the output level siting at the front of the car.

● Installation & Mounting :

MTX recommends your new MTX RTP8 to be installed by an Authorized MTX retailer. Any deviation from specified installation instructions can cause serious damage to the amplifier, speakers and/or vehicles electrical system. Damage caused from improper installation is NOT covered under warranty. Please verify all connections prior to turn on your system !

1. Disconnect the vehicle's negative battery cable.
2. Determine the mounting place for your MTX RTP8. Hook it with the provided belts. Keep in mind there should be sufficient air flow for proper cooling.
3. Install a positive (+) power cable from the vehicle's battery through the firewall using a grommet or firewall bushing to avoid cable damage from sharp edges of the firewall. Run the cable through the interior of the vehicle and connect it to the amplifier (+12V) terminal (1). Do Not connect to the battery at this time.
Note : Use only proper gauge wire for both positive and negative connections.
4. Install a circuit breaker or fuse within 20cm of the battery. This effectively lowers the risk of severe damage to you or your vehicle in case of a short circuit or accident. Make sure the circuitbreaker is switched off or the fuse is taken out of the fuse holder until all connections are made. Now connect your positive power cable to the positive battery terminal of the battery.
5. Grounding - Locate a proper ground point on the vehicle's chassis and remove all paint, dirt or debris to reveal a bare metal surface. Attach the ground wire to that contact point. Connect the opposite end of the ground wire to the (GND) terminal on the amplifier (3).
6. Connect a remote turn-on wire from the source unit to amplifier remote terminal (2). If the source unit does not have a dedicated Remote Turn-on lead, you may connect to the source unit's Power Antenna lead.
7. Connecting signal cables to the amplifier : There are two ways to supply the signal to your MTX RTP8.
 - To get maximum performance, we suggest connecting a high quality RCA to the corresponding outputs at the source unit and inputs of the amplifier.
 - If a source unit is being used without RCA outputs, use the included high-level amplifier's speaker terminals (8) using the right gauge speaker wire.
8. Double check all previous installation steps, in particular, wiring and component connections. Once verified, reconnect the vehicle's negative battery cable, turn the circuit breaker on or place the fuse in the fuse holder.

Note : Gain Levels on the amplifier should be turned all the way down (counter clockwise) before proceeding with adjustments.