



# Owners Manual

## PTVT790A



**19" Rack Mountable 2000 Watt AM/FM Multi Source Receiver & Vacuum Tube Amplifier w/ Built In Pre-Amp**

[www.pyleaudio.com](http://www.pyleaudio.com)

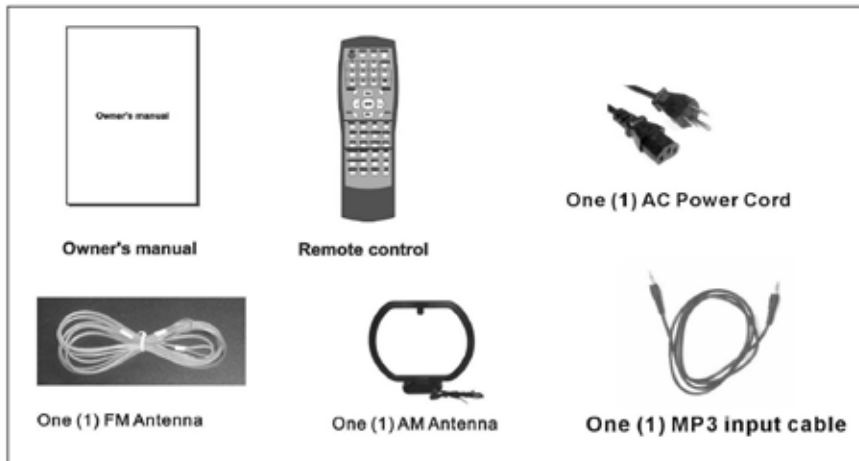
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## What is Included:

- Owner's manual -----1
- Remote control -----1
- One AC Power Cord-----1
- FM Antenna 1Piece-----1
- AM Antenna 1Piece-----1
- One (1) MP3 input cable-----1



## TECHNICAL SPECIFICATIONS

### **Foreword**

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Thank you for purchasing this fine amplifier.

Please read this operating instructions carefully before using. It will acquaint you fully with all its features and help you enjoy your time .

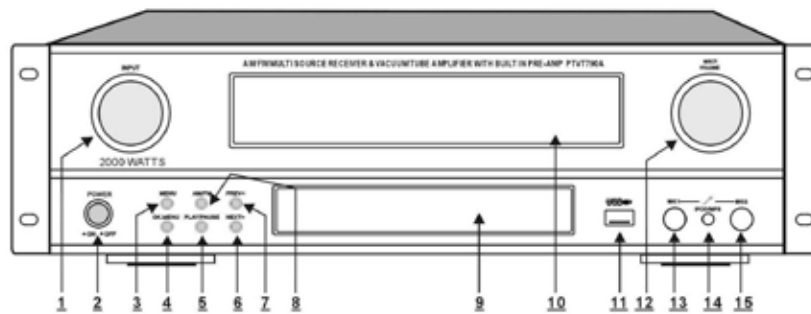
The product adopts the most advanced digital technique in the world. It is 4 channels with its high power output, so to speak, the real acoustic centre of your family movie theatre. It is designed to be multi-funtional AM/FM Tuner, MP3/Ipod input jack, It is a product of the finest accompanying acoustic amplifier, when applied to TUNER, IPOD/MP3, AUX/USB, DVD/CD etc. The brings you the first ever Hybrid Amplifier with designed Pre out to adjust to every situation.

### **Features**

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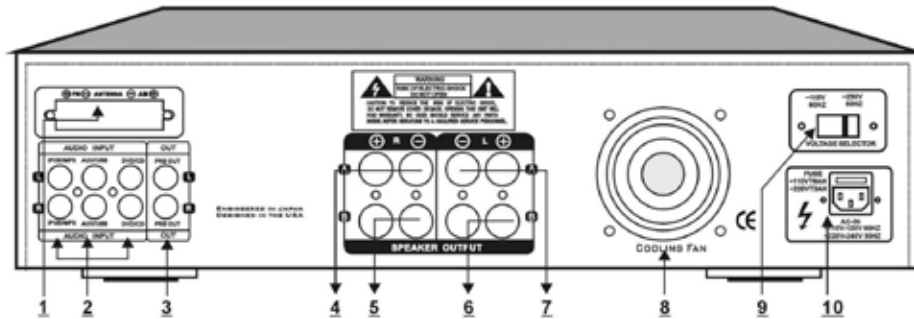
- PRE-Amp with AM/FM Tuner
- CPU managment of all functions , remote sensor
- Digital fluorescent output display all the functions
- Separate gain control of preamp and subwoofer
- All the blue lights and blue rings gain control through LED Dimmer
- AM/FM Quartz synthesized Tuner,auto station seek and store, 50 stations storage ,with both manual and automatic tuning
- IPOD/MP3 Input with cable
- Digital karaoke system
- Over heat, over current protection
- Luminous tubes
- USB Input Jack

## FRONT PANEL FUNCTION



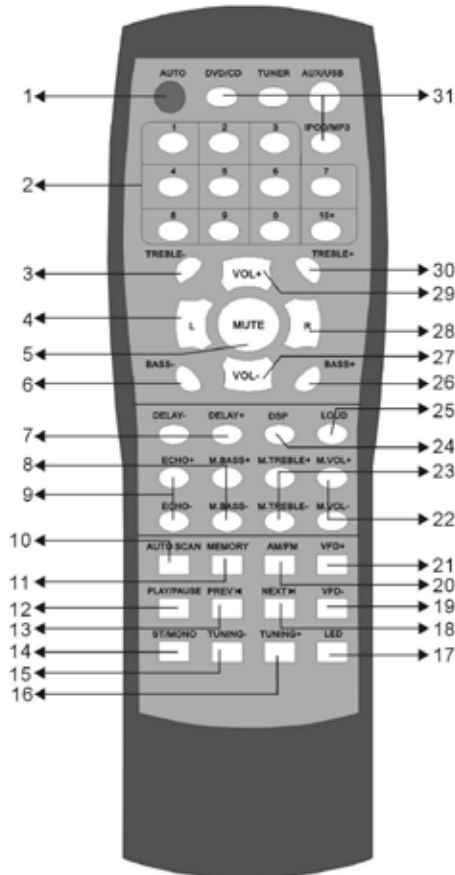
- (1) **INPUT**  
This is used to select the input sources  
DVD/CD, TUNER, IPOD/MP3, AUX/USB
- (2) **POWER SWITCH**  
Press to switch the power unit ON or OFF.
- (3) **MENU CONTROL**  
1. This is used to increment and decrement level for the selected function of Master Volume, Bass, Treble, Balance.  
2. When on TUNER status, this is used to increment and decrement level for select function of Treble, Bass, Balance, Master volume, AM/FM manual seek, MEMORY and MONO/ST.
- (4) **OK MENU CONTROL**  
This is used to increment and decrement level for the selected function of Microphone Volume, Bass, Treble, Delay, Echo.
- (5) **AUTO SCAN**  
AM/FM auto scan selector. scan and store stations automatically. Can store 50 stations.
- (6) **NEXT >**  
This knob is used to select the next station which has been kept in system.
- (7) **PREV <**  
This knob is used to select the preview station which has been kept in system.
- (8) **AM/FM**  
Press it to select AM/FM
- (9) **DISPLSY WINDOW**
- (10) **VACUUM TUBE DISPLSY WINDOW**
- (11) **USB JACK**
- (12) **MASTER VOLUME CONTROL**  
Adjusts the volume level. Turn the knob clockwise to increase the volume.
- (13/15) **MIC INPUT JACKS 1&2**  
KARAOKE MIC connect to these jacks.
- (14) **IPOD/MP3 JACK**  
IPOD/MP3 connect to this jack.

# REAR PANEL FUNCTION



- (1) TUNER ANT  
Connect for AM and FM antennas.
- (2) AUDIO INPUT JACKS  
Connect the audio output jacks of IPOD/MP3/AUX/USB/DVD/CD, to these jacks.
- (3) PRE OUTPUT JACKS  
Connect the professional input jacks to these jacks.
- (4) SPEAKER A (Right) OUTPUT (Banana Jacks)
- (5) SPEAKER B (Right) OUTPUT (Banana Jacks)
- (6) SPEAKER B (Left) OUTPUT (Banana Jacks)
- (7) SPEAKER A (Left) OUTPUT (Banana Jacks)
- (8) COOLING FAN
- (9) 110V/220V SWITCH  
According to power voltage, push this button to the station of the 110V or 220V.
- (10) POWER CORD  
Connect to AC 110V/60Hz & 220V/50Hz outlet.

## REMOTE DEVICE FUNCTION



1. AUTO  
Automatically search the signal source when power on.
2. DIGITAL  
Tuning am/fm number button
- 3\30. TREBLE- TREBLE+  
Master treble down and up
- 4\28. L/R  
Left / Right Balance Control
5. MUTE  
Mute Selector
- 6\26. BASS- BASS+  
Master bass down and up
7. DELAY-/DELAY+  
Microphone delay down and up
8. M. BASS-/M. BASS+  
Microphone bass down and up
9. ECHO-/ECHO+  
Microphone echo down and up
10. AUTO SCAN  
AM/FM auto scan selector. scan and store stations automatically. Can store 50 stations.
11. MEMORY  
After a station has been found, you can store the station by pressing the MEMORY button, and the screen will display SAVE.
12. PLAY/PAUSE  
USB play/pause
- 13\18. PREVIOUS NEXT  
Station preview and next selector. when you play USB, it means preview song or next song.
14. ST/MONO  
Stereo and mono selector.
- 15\16. TUNING- TUNING+  
The two keys are used to adjust to the best signal of the stations.
17. LED  
Led mode selector
- 19\21. VFD- VFD+  
Vfd down and up selector
20. AM/FM  
Multi-functional key. it is AM/FM selector when it is TUNER.
22. M. VOL-/M. VOL+  
Microphone volume down and up
23. M. TREBLE-/M. TREBLE+  
Microphone treble down and up
24. DSP  
Music dsp selector
25. LOUD  
Press the button to increase both bass and treble.
- 27\29. VOL- VOL+  
Master volume down and up
31. DVD/CD TUNER AUX/USB IPOD/MP3  
Signal input selector

### Remote Control Operation

1. Remote control should be operated within 6 meters and the scope of 30° in front of receiver.
2. Make sure that there is no big obstacle between remote control and machine.
3. Remote sensor should be far away from the light, high amounts of light can affect its performance.

## PRECAUTIONS / SAFETY INSTRUCTIONS

### ***Precautions***

1. Power source-The unit should be connected to a power supply AC~110/60Hz, AC~220V/50Hz.
2. Ventilation-The unit should be situated so that its location or position does not interfere with its proper ventilation. Place the unit at least 10cm away from the walls.
3. Water and moisture-The unit should not be used near water-for example, near a swimming pool in a wet basement, etc.
4. Electric shock-if a metal object, such as hair pin or needle comes into contact inside this unit, a dangerous electric shock may result. For families with children, never permit children to put anything, especially metal, inside this unit.
5. Enclosure removal-Never remove the enclosure. If the internal parts are touched accidentally, a serious electric shock might occur.
6. Abnormal smell-if an abnormal smell or smoke is detected, immediately turn the power OFF and pull out the power cord. Contact your dealer or nearest service station.

### **SAFETY INSTRUCTIONS**

1. Make sure that all connections are properly connected and the main volume is set to minimum level before turning on the unit.
2. When more than one pair of speakers are used, (specially the main speaker output) make sure that the speakers used are of the same wattage and impedance, otherwise the unit maybe damaged under high power or long term operation.
3. To avoid humming sounds and unwanted noise, make sure that all the wires are properly inserted.
4. For speaker cords, strip off the vinyl coating and twist the wire tip. Push down the pink jack or loosen the screw terminal, before inserting the wire tip, then fasten it and tighten the screw. Be careful not to let the wires stick out of the terminal otherwise this may cause a short circuit when wires of different terminal contact each other.
5. After the unit is turned on, adjust the main volume to the desired level same is true with the bass and treble volume, etc.



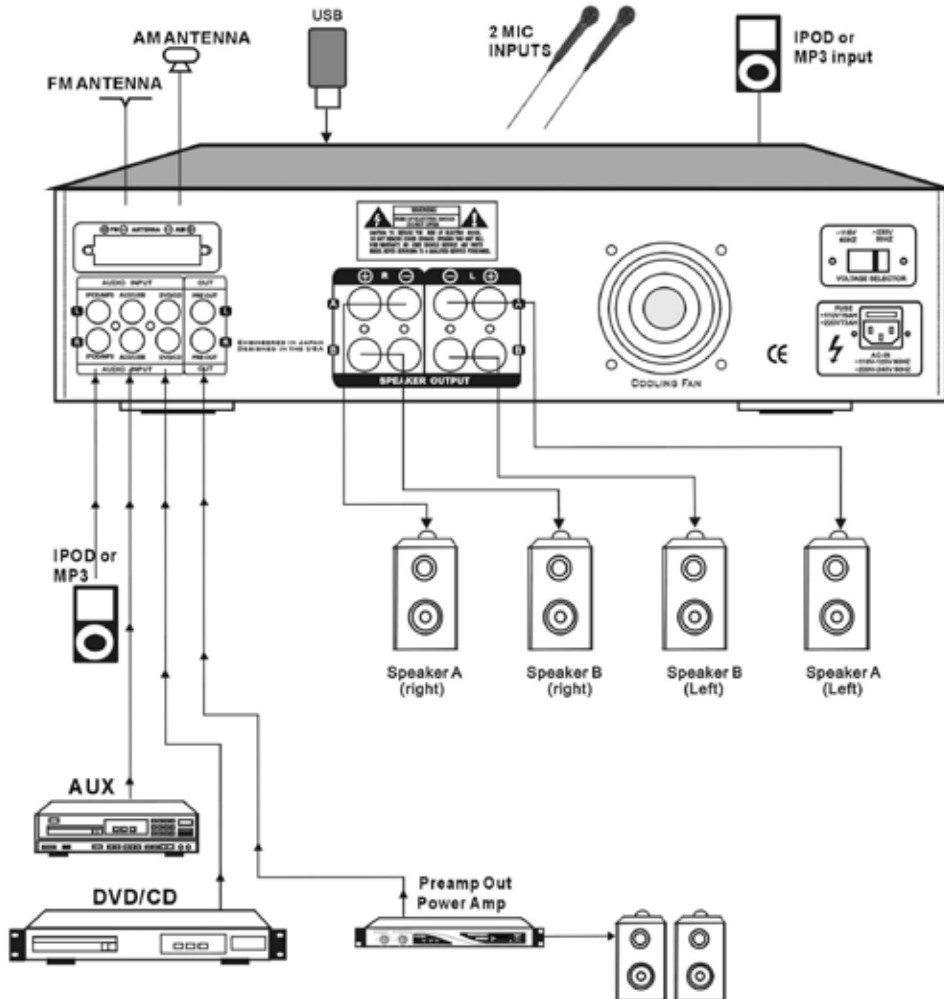
**Technical Specifications**

<b>Technical</b>	
<b>Main Channel Power Output</b> PMPO,8 Ohms, 1KHz test	2000WX2
THD(1KHz)	<1%
<b>Normal Load Impedance</b>	8 Ohm
<b>Input Sensitivity Impedance</b> IPOD/MP3 AUX/USB DVD/CD Microphone	400mV/33k Ohm 6mV/600 Ohm
<b>Signal to Noise Ratio</b> Pure Amplifier KARAOKE	76dB 71dB
<b>Frequency Range</b> Frequency Response(40Hz-15KHz)	±2dB
<b>Tone Characteristic(100Hz-10KHz)</b>	±14dB
<b>Power Requirements</b>	AC~110V/60Hz AC~220V50Hz
<b>Dimension</b>	19'(W)x12.5'(D)x5.9'(H)inch
<b>Weight</b>	6.5kg

※ Specifications subject to change without prior notice

## CONNECTING TO AMPLIFIER

### Connecting to amplifier





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