



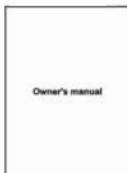
Owner's Manual



P2002ABTI

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
- Two (2) Rack mount brackets with screws-----2



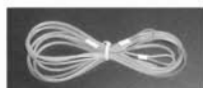
Owner's manual



Remote control



One (1) AC Power Cord



One (1) FM Antenna



One (1) AM Antenna



One (1) MP3 input cable



Two (2) Rack mount brackets with screws

Foreword

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, headphone input jack. It is a product of the finest accompanying acoustic amplifier, when applied to TUNER、IPOD/MP3、BLUETOOTH、DVD/CD etc. The brings you the first ever Hybrid Amplifier with designed Sub out and Pre out to adjust to every situation.

Features

- Ipod docking station (Ipod not included)
- Bluetooth function
- Powers 4 loudspeakers
- Separate gain control for preamp and subwoofer
- Inputs: RCA (1 audio sources)
- Outputs: Banana binding post (to speakers)
- 1 RCA dedicated for record line output
- 2 mono RCA dedicated for subwoofer output
- 1 RCA dedicated for preamp output
- Digital fluorescent output display meter
- iPod / MP3 input with cable
- 110-220V Switchable
- AM/FM Quartz Synthesized Tuner
- Auto Station Seek

Precautions

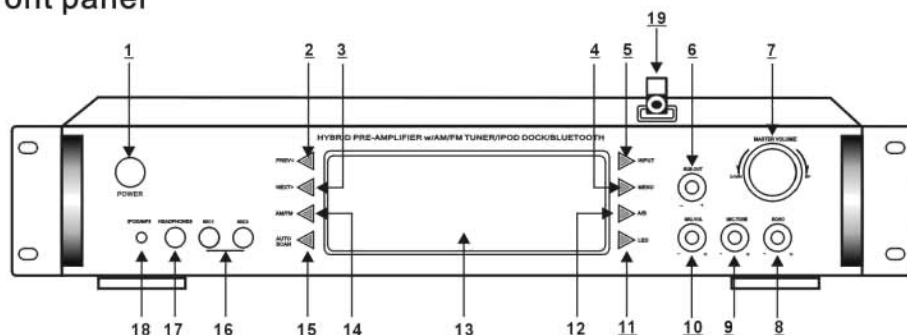
1. Power source-The unit should be connected to a power supply AC~110/60Hz, AC~220V/50Hz.
2. Ventilation-The unit should be situated so that its location or position does not interfere with its proper ventilation. Place the unit at least 10cm away from the walls.
3. Water and moisture-The unit should 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.

Technical Specifications

Technical	P2002ABTI
Main Channel Power Output PMPO, 8 Ohms, 1KHz test	2000Wx2
THD(1KHz)	<1%
Normal Load Impedance	8 Ohm
Input Sensitivity Impedance DVD/CD AUX Microphone	400mV/33k Ohm 6mV/600 Ohm
Signal to Noise Ratio Pure Amplifier KARAOKE	76dB 71dB
Frequency Range Frequency Response(40Hz-15KHz)	± 2 dB
Tone Characteristic(100Hz-10KHz)	± 14 dB
Power Requirements	AC~110V/60Hz AC~220V50Hz
Dimension	19" (w)x13.2" (d)x3.5" (h)
Weight	15.9 lbs

※ Specifications subject to change without prior notice

Front panel



(1) POWER SWITCH

Press to switch the power unit ON or OFF.

(2) PREV <

This knob is used to select the preview station which has been kept in system.

(3) NEXT >

This knob is used to select the next station which has been kept in system.

(4) MENU CONTROL

This is used to increment and decrement level for the selected function of Master Volume, Bass, Treble, Balance, Auto station seek.

(5) INPUT

This is used to select the input sources DVD/CD, TUNER, IPOD/MP3, BLUETOOTH

(6) SUB.OUT VOLUME CONTROL

(7) MASTER VOLUME CONTROL

Adjusts the volume level. Turn the knob clockwise to increase the volume.

(8) ECHO CONTROL

Turn the knob to adjust the MIC echo level.

(9) MIC TONE

Adjusts the tone of MIC.

(10) MIC VOLUME

Adjusts the volume level. Turn the knob clockwise to increase the MIC volume.

(11) LED

Adjust the blue lights and blue rings.

(12) A/B SPEAKERS OUTPUT SELECTOR

Three modes: A, B, A+B

(13) FUNCTION DISPLAYED FLUORESCENT WINDOW

(14) AM/FM

Press it to select AM/FM

(15) AUTO SCAN

AM/FM auto scan selector, scan and store stations automatically. Can store 50 stations.

(16) MIC INPUT JACKS 1&2

KARAOKE MIC connect to these jacks.

(17) HEADPHONE JACK

Headphone connect to this jack.

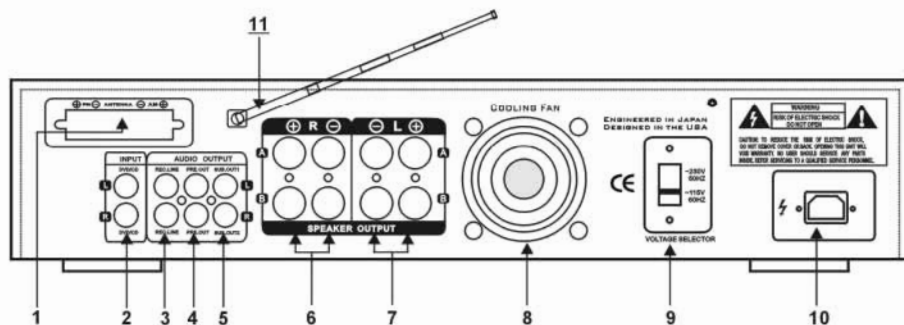
(18) IPOD/MP3 JACK

IPOD/MP3 connect to this jack.

(19) IPOD DOCK

Connect IPOD to the dock.

Rear panel



(1) TUNER ANT

Connect for AM and FM antennas.

(2) AUDIO INPUT JACKS

Connect the audio output jacks of DVD/CD, to these jacks.

(3) REC. LINE OUTPUT JACKS

Connect the RECORD input jacks to these jacks.

(4) PRE OUTPUT JACKS

Connect the professional input jacks to these jacks.

(5) SUB-WOOFER OUTPUT JACKS 1&2

(6) A B (Right) SPEAKER OUTPUT TERMINALS

Connect your speaker system to these terminals.

(7) A B (Left) SPEAKER OUTPUT TERMINALS

Connect your the other speaker system(s) to these terminals.

(8) COOLING FAN

(9) 110V/220V SWITCH

According to power voltage ,push this button to the station of the 110V or 220V.

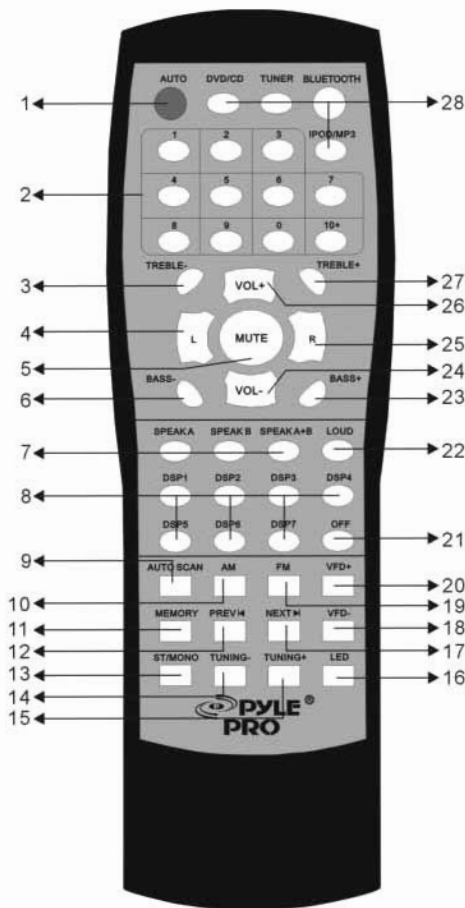
(10) POWER CORD

Connect to AC 110V/60Hz&220V/50Hz outlet.

(11) BLUETOOTH ANTENNA

Pease pull the antenna out when using Bluetooth input

Remote



1. **AUTO**
Automatically search the signal source when power on.
2. **DIGITAL**
Tuning am/fm number butto
- 3/27. **TREBLE- TREBLE+**
Master treble down and up
- 4/25. **L/R**
Left / Right Balance Control
5. **MUTE**
Mute Selector
- 6/23. **BASS- BASS+**
Master bass down and up
7. **SPEAKER**
Speaker (A\B\A+B) selector
8. **DSP**
Music dsp selector
9. **AUTO SCAN**
AM/FM auto scan selector, scan and store stations auto matically. Can store 50 stations.
10. **AM**
Multi-functional key, it is AM selector when it is TUNER,
11. **MEMORY**
After a station has been found, you can store the station by pressing the MEMORY button, and the screen will display SAVE.
- 12/17. **PREV◀ NEXT▶**
Station preview and next selector.
13. **ST/MONO**
Stereo and mono selector.
- 14/15. **TUNING- TUNING+**
The two keys are used to adjust to the best signal of the stations.
16. **LED**
Led mode selector
- 18/20. **VFD- VFD+**
Vfd down and up selector
19. **FM**
Multi-functional key, it is FM selector when it is TUNER.
21. **OFF**
Music dsp off selector
22. **LOUD**
Press the button to increase both bass and treble.
- 24/26. **VOL- VOL+**
Master volume down and up
28. **DVD/CD TUNER BLUETOOTH 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.

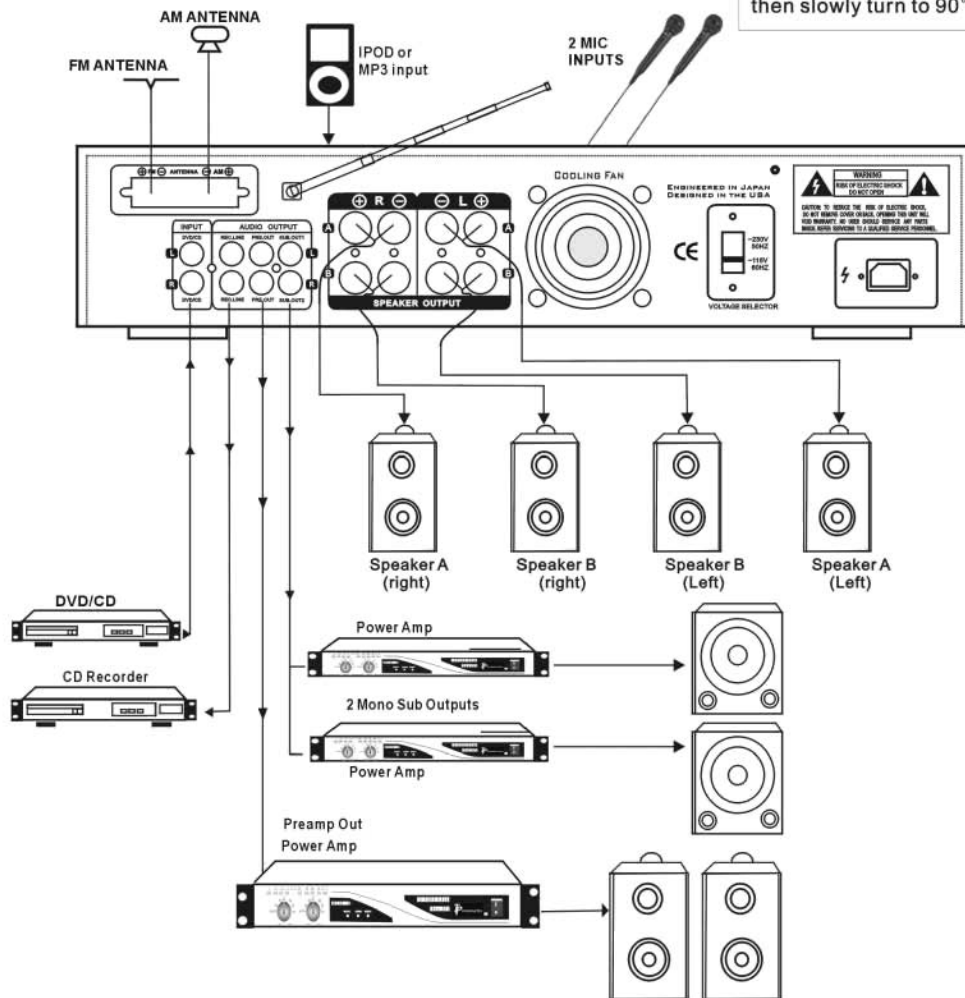
Connecting to amplifier



Play music via bluetooth



NOTES: Please connect
IPOD to the dock from 45°
then slowly turn to 90° .



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.

BLUETOOTH FUNCTION

1. Turn on the unit and adjust the volume to a suitable level then select Bluetooth input channel. Pull the Bluetooth antenna out on rear panel of the unit.
2. Active Bluetooth function on your mobile, play the music you want, then press **OPTIONS**, select **PLAY VIA BLUETOOTH**, your mobile will search Bluetooth device, after finding the device named "NAO Music", enter password "0000" then your mobile will connect to the device and play music on the unit. (For the first time you need to enter password to match the unit. After that when you play music via Bluetooth your mobile will connect to the unit automatically.)

NOTES:

1. Available operation range of Bluetooth function of the unit is 10 meters. Be sure there are no obstacles between the unit and your mobile phone or it will affect the Bluetooth effect then cause the sound brokenly.
2. This operation only available for mobiles with Bluetooth function.
3. Above operation is based on NOKIA 6500s. Other mobiles may have different setting and step to play music via Bluetooth, please have a look at Bluetooth setting in the mobiles' manual.