



SpaTunes™ Audio System & iPod Controller

Rev 3

Introduction:

The SpaTunes™ Audio System is a complete high-fidelity solution for your spa and backyard entertainment needs. SpaTunes provides a safe enclosure and optional remote control for your iPod music player. SpaTunes is optimized for driving Poly-Planar's water-proof speaker enclosures and subwoofers.



Features:

- Built in AM/FM radio
- iPod controller
- Charges the iPod
- Infrared remote with spa controller (optional)
- 4 X 40 Watt per channel amplifier
- Auxiliary input for other audio devices
- Keeps the iPod safe
- Supports Optional Remote Loudspeakers

Controls



- | | |
|----------------------------|------------------------------------|
| 1 Presets | 8 Menu/Category/Preset Scan |
| 2 Display Options | 9 Audio Controls |
| 3 Tune/Track Up | 10 Audio Source Select |
| 4 Tune/Track Down | 11 Power On/Off |
| 5 AM/FM Bank Select | 12 Mute |
| 6 Scan Channels | 13 External Speaker On/Off |
| 7 Volume Control | 14 Infrared Port |

- 1 Presets (1-6):** Tune to a desired AM or FM station and hold the desired preset button for at least 2 seconds. The display will change to show which preset was programmed.
- 2 Display:** Reserved for future use.
- 3 Up:** Tunes Radio frequencies or changes tracks higher. Press and hold to manually tune or fast forward an iPod track.
- 4 Down:** Tunes Radio frequencies and changes tracks lower. Press and hold to manually tune or fast forward an iPod track.
- 5 Band/Bank Select:** Choose between FM, AM, as well as multiple banks of presets for each band. Each bank has six presets. The banks are FM1, FM2, FM3, AM1, and AM2.
- 6 Scan:** AM/FM mode. Tunes and stops at available stations for a few seconds. Press scan a second time, or one of the tune buttons, to stop scanning.
- 7 Volume:** Adjusts volume by toggling the knob right or left. Turn to the left and hold to decrease volume or right and hold to increase volume. This knob is self-centering.
- 8 Menu/Category/Preset Scan:** Operates as the MENU button on an iPod. When an AM/FM tuner is the source, press once to scan through the preset stations and press again to stop the scan. Press and hold to automatically assign presets to the current bank starting with the next station found.
- 9 Audio Controls:** Pressing this button will cycle through the audio functions of the unit. Use the Volume knob to adjust the function up, down or On/Off. The functions vary slightly between products. After waiting 3 seconds, the radio will exit the menu.
- 10 Source:** Cycles between audio sources Local Input (3.5mm jack inside the SpaTunes enclosure), Radio and iPod dock.
- 11 Power:** Powers on and off the unit.
- 12 Mute:** Mutes the audio.
- 13 Speaker Select:** Allows switching between spa and external speakers using an optional relay harness. Hold the button for 3 seconds to activate.
- 14 Infrared Port:** Receiver for the remote control.

Water-Proof Remote Control (optional)

The remote control duplicates the functions found on the control panel.

It is also able to run spa functions if your spa is so equipped.

Simply point the remote at a Poly-Planar IR equipped speaker or at the SpaTunes enclosure.

Audio & Function Controls.

See page 3 for descriptions.

Spa Controls.

See instructions specific to your model.



Note: Power to the SpaTunes audio system must be ON to use the spa functions

iPod Dock

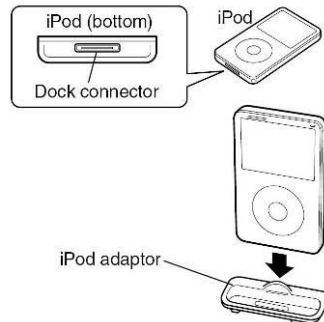
Change the SOURCE to iPod.

With **DRY** hands, lift the edge of the protective rubber cover.

Install the iPod adaptor tray that came with your iPod and snap it into the dock.

Insert the iPod. The display should say "iPod".

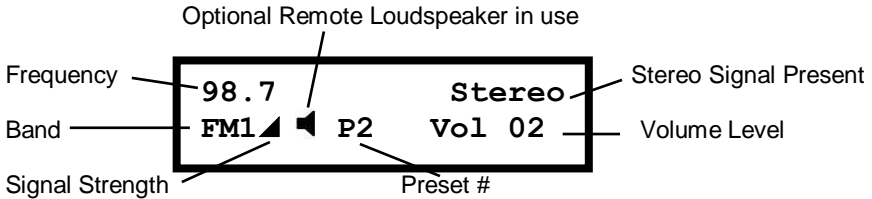
The iPod will start charging.



You can operate the iPod from its own controls, the control panel or the remote control.

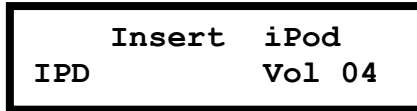
Display Screens

AM/FM Tuner Screen



iPod Screen

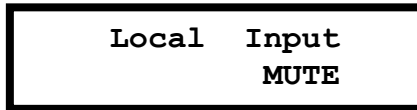
No iPod detected



iPod Detected



Local Input Screen











Local Input



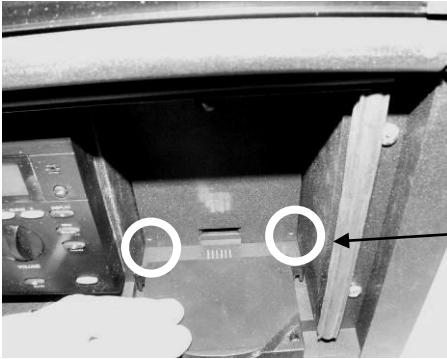
iPod Shuffle and other MP3 players can plug in here. (1/8" cable not included)

Set SOURCE to "Local Input".

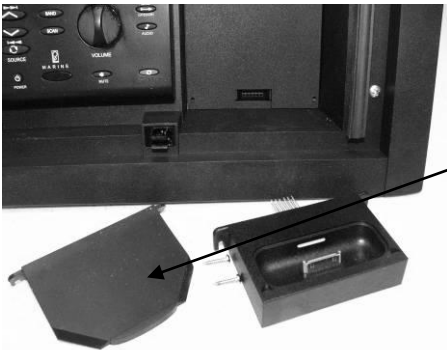
Screen	Button	Description
<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">iPod</p> <p>IPD Vol 15</p> </div>		Power On start-up screen <i>Volume is displayed 0 min – 31 max</i>
<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">iPod</p> <p>IPD Bass 0</p> </div>		Push 1 time to adjust Bass <i>-5 min to + 5 max, 0 = flat</i>
<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">iPod</p> <p>IPD Treb 0</p> </div>		Push 2 times to adjust Treble <i>-5 min to + 5 max, 0 = flat</i>
<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">iPod</p> <p>IPD Bal 00</p> </div>		Push 3 times to adjust Balance <i>-10 min to +10 max, 00 = balanced</i>
<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">iPod</p> <p>IPD Fad 00</p> </div>		Push 4 times to adjust Fader <i>-10 min to +10 max, 00 = balanced</i>
<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">iPod</p> <p>IPD Space 1</p> </div>		Push 5 times to set Spatial <i>This broadens the stereo image. 0=OFF, 1=Low, 2= High</i>
<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">iPod</p> <p>IPD LoudON</p> </div>		Push 6 times to set Loudness ON/OFF <i>ON Enhances audio at low volumes</i>
<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">iPod</p> <p>IPD EQ ON 2</p> </div>		Push 7 times to set Equalizer ON/OFF <i>ON enables the equalizer selected.</i>

Replacing the Dock

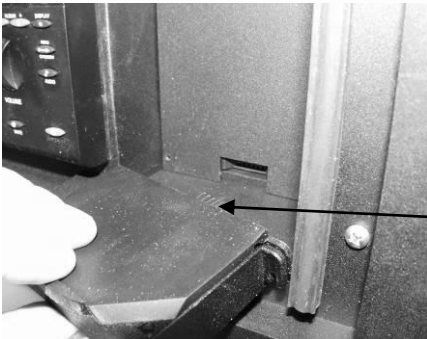
If the iPod connector becomes damaged it can be replaced by contacting poly-planar (410-761-4000).



Remove two screws as shown and slide Dock out.



Reuse the rubber dock cover



Put the rubber cover on top of the new dock. Make sure the screw slots line up and slide the dock in until it seats against the back wall.

Be careful not to bend the metal pins. Insert screws.

Specifications

Speaker Impedance	2 – 8 ohm
Output Power (2 ohm load)	25 W RMS x 4
(4 ohm load)	15 W RMS x 4
Frequency Response	20 Hz – 20 kHz
Operating Voltage	13.8V (10V – 16V) DC
Idle Current (no signal)	10 mA
Maximum current draw (full power)	7 A

Compatibility

Compatible with most iPod models that have the dock connector. iPod Shuffle and other MP3 players can use the Local Input jack just above the iPod Dock.

WARRANTY

Poly-Planar marine audio systems are warranted to be free of defects in materials and workmanship for a period of two years. Warranty is subject to proper installation and operation within published specifications. Poly-Planar will repair or replace, at its discretion, any unit returned prepaid to its factory and determined to be defective. Poly-Planar Inc. is not liable for consequential damages.

Legal Notices

“Made for iPod” means that an electronic accessory has been designed to connect specifically to iPod and has been certified by the developer to meet Apple performance standards.

Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

iPod is a registered trademark of Apple Inc., registered in the U.S. and other countries.