USER'S MANUAL

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Planet Audio®

PHP32

Wireless Dual Channel Headphones

CE e1

PHP32
Dual Channel Wireless Headphones (for use with Planet Audio PHP32-IR and Planet Audio Monitors with Infrared Audio Transmission)

Congratulations on your purchase of a Planet Audio Wireless Infrared Headphone System.

It has been designed, engineered and manufactured to bring you the highest level of performance and quality, and will afford you years of listening pleasure.

Thank you for making Planet Audio your choice in car audio and video entertainment!

USER'S MANUAL

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General precautions

Please read this manual completely and carefully prior to attempting to install your new Planet Audio mobile audio/video equipment. Installed correctly, your Planet Audio equipment will provide you with years of enjoyable and safe usage.

Installation of this equipment in any portion of a vehicle which impairs or distracts the driver is improper and dangerous. Planet Audio assumes no liability whatsoever for failure to follow the proper installation of this product.

Please keep this manual in a safe place for future reference.

Safety precautions

• Do not operate this equipment while driving – safe driving should always be your highest priority.

• Do not open or attempt to repair this unit yourself. Dangerous high voltages may be present which may result in electric shock. Refer any repairs to a qualified service technician.

• Do not attempt to repair a damaged, broken or faulty power cord. Replace it with a new one immediately.

• If there is smoke or any peculiar odor present during use or if there is damage to any of the component enclosures, immediately unplug the power cord and send the product to your local dealer or service center as soon as possible.

Installation precautions

Do not install components in areas which are susceptible to rain, moisture, direct sunlight, extreme heat or cold, excessive dust, dirt or humidity.

Use only the installation parts and hardware provided with the unit to ensure proper installation. Using other parts can cause malfunction and possible damage to your Planet Audio headphone system.

Use only a power source with 12 Volts DC (negative ground).

Before final installation, temporarily connect the wiring according to the diagram near the end of this manual, check it to ensure that it has been connected properly, and test the unit to make sure it is working correctly.

What is included?

The PHP32 wireless infrared audio system includes:

• **wireless headphones**

The PHP32 is an **additional set of wireless headphones** for use with the PHP32-IR system or Planet Audio monitors with wireless infrared audio transmission capability.

Notes

Troubleshooting

If you experience operation or performance problems with this product, compare your installation with the electrical wiring diagram on the previous page. If problems persist, read the following troubleshooting tips which may help eliminate the problems.

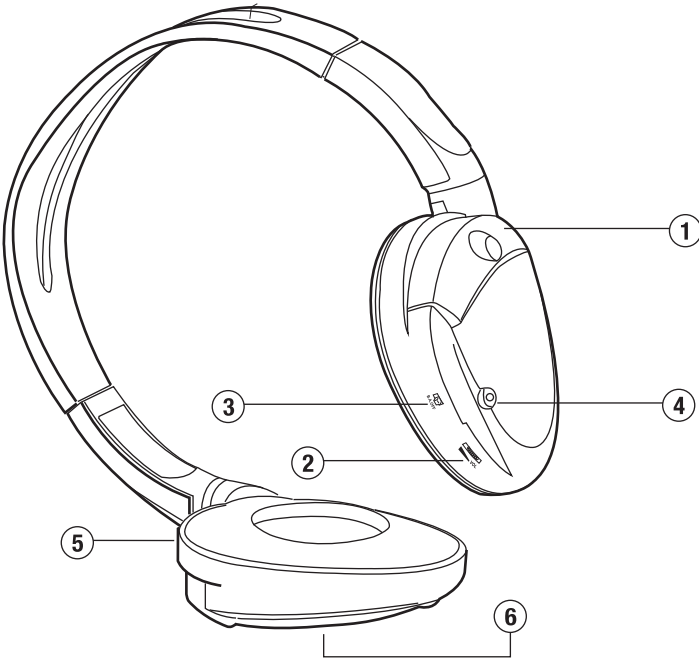| SYMPTOM	CAUSE	REMEDY
No audio present in headphones.	Power cord is not properly connected.	*Check that power connections are properly made and all fuses are in functioning condition.*
	Audio input cables not properly connected.	*Check all cables.*
	Audio input source is not operating properly.	*Replace or repair A/V source (DVD player, video game, etc.)*
	Batteries are dead.	*Replace headphone batteries.*
Sound is of poor quality or has interruptions and dropouts.	Headphone is not being used in direct line-of-sight with the player or remote IR sensor. Transmission is best within 6 feet/35° angle of IR sensor on the monitor.	*Move to a better location. If this is not possible, consider a more suitable location for the transmitter.*

Specifications

Planet Audio®

MODEL	PHP32 *Wireless Headphones*
HEADPHONES	
Transmission system	Infrared light
Carrier frequencies	2.3/3.2 MHz (left channel), 2.8/3.8 MHz (right channel)
Distortion	greater than 60 dB
S/N ratio	greater than 40 dB
Channel separation	less than 1%
Frequency response	30Hz - 20kHz
Power source	(2) x AAA batteries
Current consumption	25 mA max (during play) / 15mA (muted)

All specifications subject to change without notice.

PHP32 Headphone Controls and Features

① ⑤ IR SENSORS

② VOLUME CONTROL KNOB

③ POWER B/A/OFF SWITCH
This button turns the headphone b/a and off.

In addition, if headphones do not receive any infrared audio signal after a short period of time, they will shut off automatically to conserve battery life.
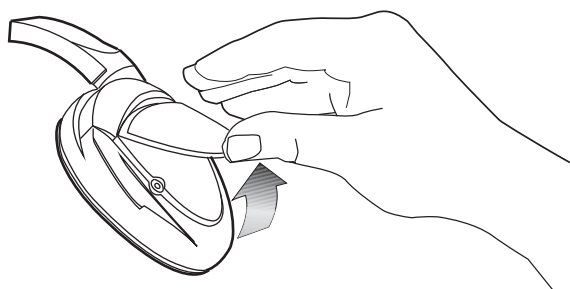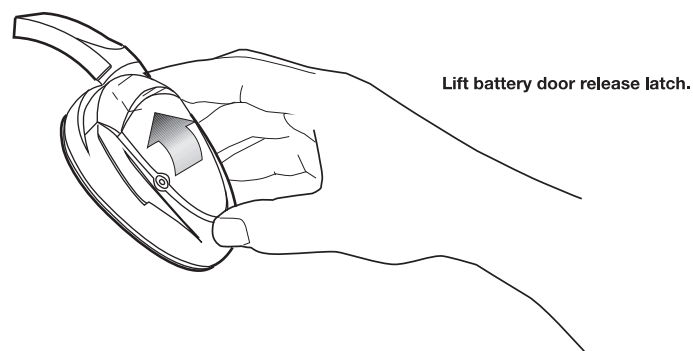
④ POWER LED

⑥ BATTERY COVER
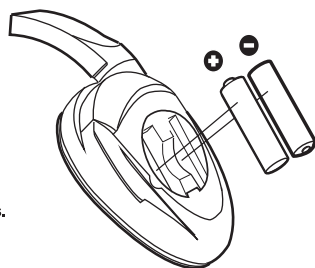See the section of this manual about battery replacement for more details.

Installing or replacing headphone batteries

The wireless headphones use (2) AAA batteries (not included), which are located in one of the earphone housings.

To replace the batteries, follow the diagrams below. To conserve battery life, please be sure to turn off the headphones whenever they are not in use, even though they will turn off after a short period of interrupted IR reception. If you expect the headphones to be unused for several days, remove and store the batteries.

Lift battery door release latch.

Insert two AAA type batteries (not included). Be sure to note proper polarity when installing the batteries.

Using the PHP32 headphones with a Planet Audio Monitor

Several Planet Audio video monitors include a wireless infrared transmitter. The transmitter sends a high-quality stereo signal which can be received the PHP32 wireless infrared headphones.

The infrared signal is emitted from the large dark lens on the front of the monitor console. Best sound will be obtained if you sit directly in front of the monitor within about six feet. If you choose to sit to one side of the monitor, you can expect good reception within 35° to the right or left of the monitor.

6 ft range
35°
35°