

PHIATON

PHIATON CORPORATION PRODUCT MANUAL



● **Specifications**

- Studio Grade 40 mm Electrodynamic Drivers
- Impedance: 32 Ohm
- Frequency Range : 20 Hz ~ 22,000 Hz
- Sensitivity: 98 dB
- Max input power: 1000 mW
- Cord Length : 3.93 ft / 1.2 m
- Weight: 5 oz / 140 g without cord

● **What's in the Box**

- Compact carrying case
- Owner's Guide
- 1-year warranty

■ **Comfortable Fit**

- ⇒ Soft padded ear cushion for hours of comfortable listening experience
- ⇒ Extreme strength Carbon graphite fiber matched with its ultra light weight
- ⇒ Highly Comfortable, Noise Isolating Pads for original sound quality.

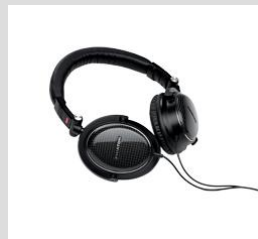
■ **Sound Quality**

- ⇒ Double shelled (2 layer housing) Carbon graphite fiber enclosure prevent sound leakage and low distortion deliver high definition notes.
- ⇒ Deep rich bass, a full-bodied midrange, and sparkling high notes
- ⇒ Optimized airflow delivers concert hall sound quality
- ⇒ Optimal Acoustic impedance control for rich bass and smooth sound at your preferred listening volume.

■ **Exterior (MS Series : Red and Black)**

- ⇒ Carbon graphite fiber enclosure feature
- ⇒ Adjustable headband.
- ⇒ Single audio cable offers greater convenience and durability than standard Y-cables.

MS 400



● Specifications

- Studio Grade 40 mm Electrodynamic Drivers
- Impedance: 32 Ohm
- Frequency Range : 15 Hz ~ 22,000 Hz
- Sensitivity: 98 dB
- Max input power: 1000 mW
- Cord Length : 3.93 ft / 1.2 m
- Weight: 6.5 oz / 185 g without cord

● What's in the Box

- 6.3mm stereo gold plated plug
- Compact carrying case
- Owner's Guide
- 1-year warranty

■ Comfortable Fit

- ⇒ Soft padded ear cushion for hours of comfortable listening experience
- ⇒ Extreme strength Carbon graphite fiber matched with its ultra light weight
- ⇒ Highly Comfortable, Noise Isolating Pads for original sound quality.

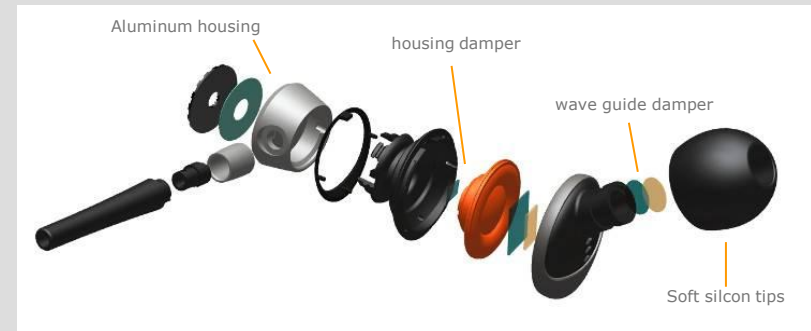
■ Sound Quality

- ⇒ Carbon graphite fiber enclosure with optimized housing units and speakers to prevent sound leakage and low distortion deliver high definition notes.
- ⇒ Deep rich bass, a full-bodied midrange, and sparkling high notes
- ⇒ Optimized airflow delivers concert hall sound quality

■ Exterior (MS Series : Red and Black)

- ⇒ MS 400 was awarded the First Prize at the 2008 International Design Awards (IDA) Competition in the "Media and Home Electronics – TV Video and Audio Equipment" category.
- ⇒ Carbon graphite fiber enclosure
- ⇒ 'Fold and Go' headphones fit conveniently into a compact carrying case for safe storage and easy travel.
- ⇒ Adjustable headband.





● Specifications

- High quality dynamic speakers
- Frequency range: 10 Hz ~ 27,000 Hz
- Impedance: 32 Ohm
- THD: Less than 1% at 1 kHz
- Sensitivity: 98dB at 1 kHz
- Maximum input power: 30 mW
- Weight: 0.29 oz / 8.2 g without cord
- Cord Length : 3.93 ft / 1.2 m

● What's in the Box

- PS 210 Earphones
- 4 sizes of silicon ear tips (XS, S, M, L)
- Carrying case
- Warranty card
- 1-year warranty

■ Comfortable fit

- ⇒ 4 sizes (canal) of soft silicon tip for natural feeling fit and block out external noise for high quality sound.
- ⇒ A more precise fit enhances the PS 210's noise isolating performance with less noise coming in from outside to interfere with your music.
- ⇒ The durable aluminum housing delivers an ultra lightweight design for maximized user comfort.
- ⇒ Ergonomically designed Half-in-ear is improvement to in-ear type earphones.

■ Sound quality

- ⇒ The earphone's feature an Applied Dynamic Speaker Driver using Acoustic transducer technology for rich bass and high range fidelity.
- ⇒ "Half in-ear" type ear buds combines the best features of both "In-ear style" and "Open type" earphones.
- ⇒ The PS 210 produces the great bass response of "in-ear style" buds and the crystal clear highs of "Open ear" earphones.
- ⇒ Superior Sound Isolating Performance
- ⇒ Enjoy rich bass and enhanced high range fidelity without interference from background noise.
- ⇒ Applied Dual-Chamber for rich bass
- ⇒ Promote superior sound with Acoustic damper

■ Exterior (PS Series : Aluminum)

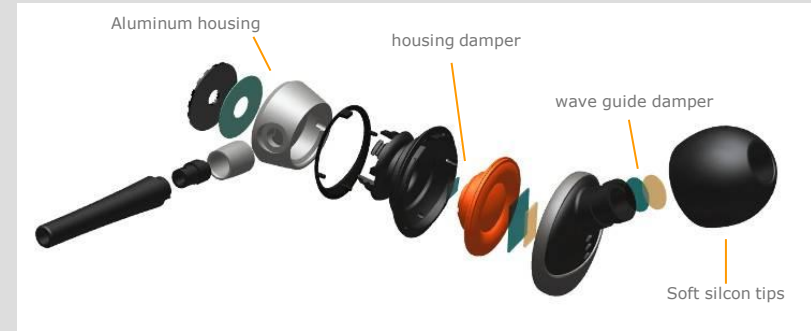
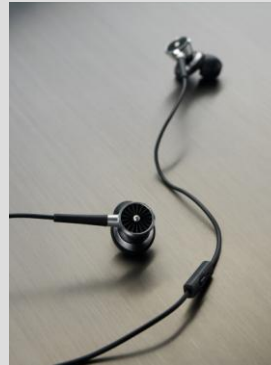
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- ⇒ The PS 210 produces the great bass response of "in-ear style" buds and the crystal clear highs of "Open ear" earphones.
- ⇒ The durable aluminum housing delivers an ultra lightweight design for maximized user comfort
- ⇒ Design inspiration by Jet's turbo engine
- ⇒ Designed for comfortable fit
- ⇒ The cord adjuster ensures that it's always at your personally preferred position.
- ⇒ Comes with a leather carrying case.



reddot design award
winner 2010

PS 210 i

PS 210 with microphone cable for use with Mobile Devices



Specifications

- High quality dynamic speakers
- Frequency range: 10 Hz ~ 27,000 Hz
- Impedance: 32 Ohm
- THD: Less than 1% at 1 kHz
- Sensitivity: 98dB at 1 kHz
- Maximum input power: 30 mW
- Weight: 0.29 oz / 8.2 g without cord
- Cord Length : 3.93 ft / 1.2 m

What's in the Box

- PS 210 i Earphones
- 4 sizes of silicon ear tips (XS, S, M, L)
- Carrying case
- Warranty card
- 1-year warranty

Comfortable fit

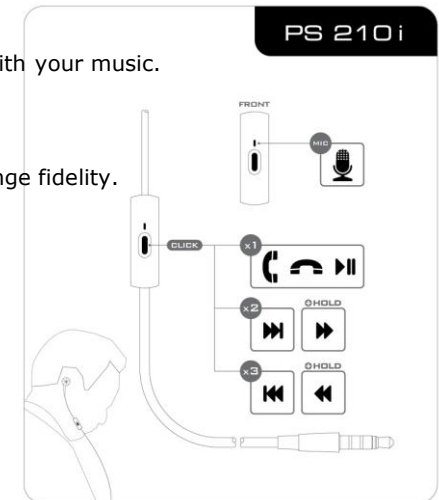
- ⇒ 4 sizes (canal) of soft silicon tip for natural feeling fit and block out external noise for high quality sound.
- ⇒ A more precise fit enhances the PS 210's noise isolating performance with less noise coming in from outside to interfere with your music.
- ⇒ The durable aluminum housing delivers an ultra lightweight design for maximized user comfort.
- ⇒ Ergonomically designed Half-in-ear is improvement to in-ear type earphones.

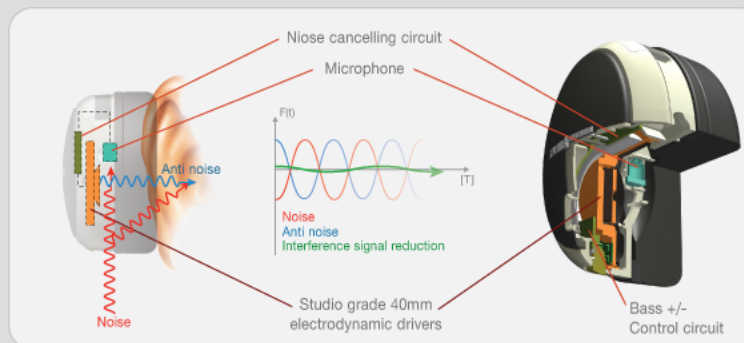
Sound quality

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- ⇒ Promote superior sound with Acoustic damper

Exterior (PS Series : Aluminum)

- ⇒ "Half in-ear" type ear buds combines the best features of both "In-ear style" and "Open type" earphones.
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- ⇒ The cord adjuster ensures that it's always at your personally preferred position.
- ⇒ Comes with a leather carrying case.





● Specifications

- Studio Grade 40 mm Electrodynamic Drivers
- Impedance: 32 Ohm
- Frequency Range : 15 Hz ~ 22,000 Hz
- Sensitivity: 98 dB
- Max input power: 1000 mW
- Weight: 5 oz /140g without cord
- Cord length: 5 ft / 1.5 m

● What's in the Box

- 1 extra rechargeable lithium-polymer battery
- 6.3 mm stereo gold-plated plug adapter
- 5 ft detachable audio cable with mute button
- Dual-plug adapter for airplane
- Adapter clips
- Cradle charger with USB cable
- AC/DC adapter
- Carrying Case
- 1-year warranty

Comfortable Fit

- ⇒ Comfortable and soft cushioned ear pads are excellent for long hours in plane and/or for traveling
- ⇒ Adjustable headband for maximum comfort

Sound quality

- ⇒ Optimized housing and speaker units for sparkling high note and deep rich bass
- ⇒ A full-bodied midrange and deep rich bass
- ⇒ Provide with Bass +/- control for user to set personal preference
- ⇒ Acoustic impedance control provide a deep bass and smooth sound for any volume level
- ⇒ Adaptive Acoustic Impedance Control (airflow control for quality sound)

The Acoustic Impedance Control mechanism opens and closes holes on the rear side of the speaker unit. This changes acoustic impedance of the speaker enclosure and improves low frequency sound to suit the listener's personal preference.

Noise cancelling

The unique PS 300 NC still plays audio even if the Noise Cancelling battery dies

- unlike most other products on the market today.

- ⇒ Reduce noises from Airplane Engine/Subway/Bus/Fan
- ⇒ Valves of the Heart Sound Technology (VH™ST) Patented:
designed to prevent rumpling of diaphragm, reducing air pressure.
- ⇒ Perfect ear pads for noise canceling
- ⇒ Rechargeable batteries for convenience
(USB cradle charger and Universal changing adaptors to use anywhere in the world)

Exterior (PS Series : Genuine leather)

- ⇒ Folder & Go design : Flexible folding design for easy traveling
- ⇒ Adjustable headband
- ⇒ Detachable Audio Cable with In-line Mute Button
Single, detachable audio cable offers greater convenience than standard Y-cables.
The convenient in-line mute button lets you talk and hear conversation even when wearing the headphones.
- ⇒ Genuine Leather Housing with elegant Champaign color trim for an exquisite accent.
- ⇒ Convenient detachable audio-cable and in-line MUTE button
- ⇒ Rechargeable Batteries
The PS 300 NC comes with two rechargeable batteries, a cradle charger with USB cable, and universal AC/DC adapters.
One battery offers 18 hours of noise cancelling function. Even if the battery runs out,
you can still enjoy your music on the PS 300 NC.



• Specifications

- Coaxial dual dynamic driver with optimized passive crossover network [40 mm + 16 mm]
- Total Harmonic Distortion: < 1% at 1 kHz
- Impedance: 32 Ohm
- Frequency Range : 20 Hz ~ 23,000 Hz
- Sensitivity: 102 dB at 1 kHz
- Maximum input power: 500mW
- Cord Length : 3.93 ft / 1.2 m
- Weight: 4.3 oz / 122 g without cord

What's in the Box

- Compact carrying case
- Owner's Guide
- 1-year warranty

■ Comfort Fit

⇒ Light weight and soft ear pads are designed for comfortable wearability

■ Sound

⇒ Coaxial Dual Dynamic Driver [40 mm (middle & Woofer speaker) + 16 mm (tweeter speaker)]
2 speakers connected with crossover network circuit

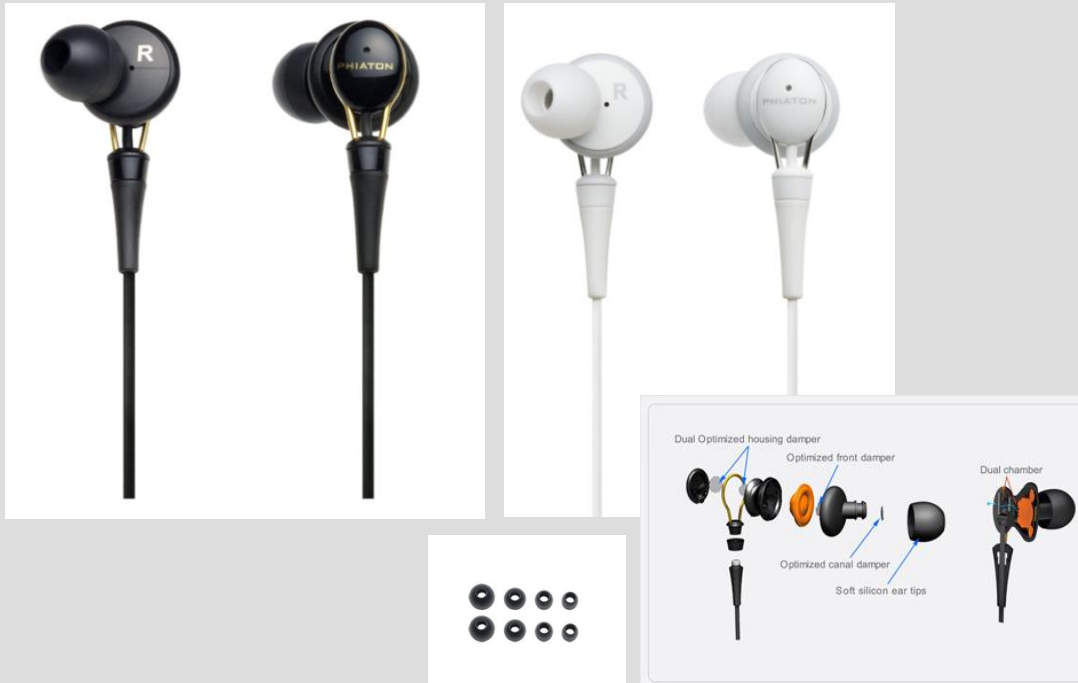
Coaxial dual dynamic driver delivers a wide frequency range with high definition sound, from sparkling high notes to deep bass response.

- ⇒ Installed additional tweeter speaker for high note and wide frequency range
- ⇒ Broad Band and High Resolution, sparkling high notes and deep bass responses

■ Exterior (PS Series : Genuine Leather)

- ⇒ Adjustable head band and housing, metallic chrome deco with genuine leather
- ⇒ 2009 Honoree of Japan's Top design award Good Design (*Network/Personal Audio-Video Equipment Category*)
- ⇒ 'Fold and go' headphones fit conveniently into a compact carrying case for safe storage and easy travel.





● **Specifications:**

- High quality dynamic speakers
- Frequency range: 15 Hz~ 22,000 Hz
- Impedance: 31 Ohm
- THD: Less than 1% at 1 kHz
- Sensitivity: 101dB at 1 kHz
- Maximum input power: 30 mW
- Weight: 13 g
- Cord Length: 1.2 m

● **What's in the Box**

- PS 20 Earphones
- 4 sizes of silicon ear tips (XS, S, M, L)
- Carrying pouch
- Product Registration Card
- 1-year warranty

■ **Comfortable Fit**

- ⇒ “Half In-Ear” Design for Hours of Comfortable Listening
- ⇒ Hours or comfortable listening, 4 sets of silicon eartips
- ⇒ Luxurious glossy finish for classic style

■ **Sound Quality**

- ⇒ Applied Dynamic Speakers for Enhanced Audio
- ⇒ “MAXBASS REFLEX” for powerful low-frequency audio and no vibration



PS 20 NC with Noise-Cancellation



• Specifications

- High quality dynamic speakers
- Frequency range: 15 Hz~ 22,000 Hz
- Impedance: 26 Ohm
- THD: Less than 1% at 1 kHz
- Sensitivity: 101dB at 1 kHz
- Maximum input power: 30 mW
- Weight: 1.15 oz / 32.5 g (with battery)
- Cord Length: 1.5 m

• What's in the Box

- PS 20 NC Earphones
- 4 sizes of silicon ear tips (XS, S, M, L)
- Carrying pouch
- 1 AAA Battery
- Airplane Adaptor
- Owner's Guide
- 1-year warranty



• Comfortable Fit

- ⇒ "Half In-Ear" Design for Hours of Comfortable Listening
- ⇒ Hours of comfortable listening, 4 sets of silicon eartips
- ⇒ Luxurious glossy finish for classic style

• Sound Quality

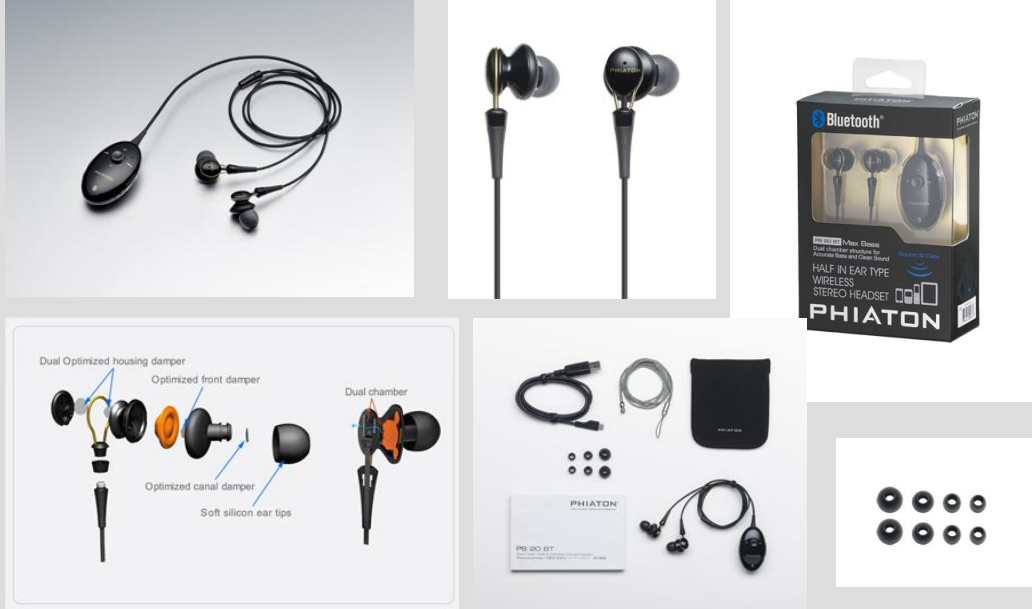
- ⇒ "Noise Blocker" Lets you immerse yourself in Music
- ⇒ Applied Dynamic Speakers for Enhanced Audio
- ⇒ Phiaton's exclusive "Noise Blocker" blocks 95% of outside noise

• Features

- ⇒ "Everplay" Ensures no interruption of music, even if battery runs out.
- ⇒ Snug, "No-Slip" Fit - Perfect for traveling, Exercising or anywhere.



WIRELESS STYLE, FASHIONABLE FUNCTION, SUPERB SOUND QUALITY! PAIR UP TO 8 DEVICES AT ONCE WITH "OMNIPAIR"



● Specifications:

Design : In-Ear

Use : Travel

Features : Sound Isolating, In-Line Remote, In-Line Microphone, Wireless

Communication Network : Bluetooth standard Ver.3.0

Operating Range : Within 10m

Bluetooth Profile : Support A2DP, AVRCP, HFP, HSP

Battery : lithium polymer DC3.7V / 150mA

Microphone Frequency Response : 10 ~ 4,000Hz

Microphone Sensitivity : -40 dB

Dimensions : 51 x 30 x 17(mm)

Weight : 16 g

■ Features

- ⇒ New Bluetooth v3.0 Technology
- ⇒ 14.3 drivers produce powerfully accurate sound.
- ⇒ Answer calls easily without having to remove your earphones.
- ⇒ Full inline musical controls allow you to take charge of your songs without having to find your device. (PLAY, STOP, PAUSE, FF, REW, Vol+, Vol-)
- ⇒ Pair up to eight devices at once and use up to two devices.

Now you can answer calls while listening to music without any interruption.

- ⇒ Phiaton's unique Half In-Ear design provides outstanding comfort and fit.
- ⇒ USA charging cable (Full charge takes 2hrs)
- ⇒ Calling & music play times : 6 hrs / Stand by time : 250 hrs
- ⇒ [Hold key] – Support hold on/off function (Manually & Automatically)
- ⇒ [Clip & Go] – Simply clip controller on your bag or clothing.
- ⇒ Hours of comfortable listening, 4 sets of silicon eartips
- ⇒ Luxurious glossy finish for classic style

■ Sound Quality

- ⇒ Dual chamber structure for Accurate Bass and Clean Sound
- ⇒ Noise reduction technology helps eliminate background noise from the microphone while on call.

● What's in the Box

- PS 20 BT Earphones
- 4 sizes of silicon ear tips (XS, S, M, L)
- Carrying pouch
- Product Registration Card
- Neck Strap
- USB Charging Cable
- Neck Strap
- Owner's Guide
- 1-year warranty