

P104 – wireless headphone

User Instruction

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HARMAN description	Harman PN	Daimler PN
Fond Entertainment P104		A 222 820 18 89
SplitView P106		A 222 820 38 89

Content

1	USER INFORMATION	3
1.1	Purpose	3
2	MAIN FEATURES	3
2.1	Product Description	3
2.2	Product Handling	4
3	TECHNICAL INFORMATION.....	7
3.1	Mechanical Features	7
3.2	Materials	7
3.3	Declaration of Conformity to EC regulation R&TTE	7
3.4	FCC statements (North America)	8
3.5	Industry Canada (IC) statement.....	8
3.6	Type of Equipment User’s Guide for KOREA.....	9
3.7	Environmental information.....	9

1 User Information

1.1 Purpose

This document describes the features, functionality and usage of the P104 headphone featured by Klear technology. It contains and specifies all relevant information about the headphone's appearance and the environment it is designated to be used in.

The P104 is designed to combine the comfort and acoustical performance of premium headphones with compliance to automotive requirements.

Two variants are offered; one to be used only in the front and one to be used on every passenger seat in the car.

2 Main Features

- ❖ Small size
- ❖ Folding mechanism for easy storage
- ❖ Rich sound through 40mm transducer
- ❖ High-quality digital audio with Klear technology
- ❖ Comfortable through ergonomic fit and gimbaled earphones
- ❖ Adjustable from children to adults

2.1 Product Description

P104 is wireless stereo headphones, featuring Klear technology for lossless digital audio transmission and operates in 2.4GHz ISM band. They are designed for individual entertainment in vehicles and meets the relevant requirements, such as widened operating temperature range, low battery consumption for longer battery life and low signal latency for lip-sync. The channel switch provides the facility to select between three different sources (front right, rear left, rear right).

P104 is powered with two AAA batteries. Both, disposable and rechargeable can be used. An LED indicates the functional state, but also turns from green to red when the batteries' voltage reaches the low level to signalize that they have to be changed soon.

Acoustical characteristic is semi-closed with supra-aural earphones. Sound radiation to the environment is low, so that other passengers will not be disturbed.

The mechanic design guarantees comfortable wearing constantly for several hours.

Cordless headphones

Overview



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- ▶ Open both sides of the headphones and adjust the fit of the headphones by pulling the headphone band in the direction of the arrow.
 - ▶ By pressing On/Off switch ②, the headphones can be switched on or off. Indicator lamp ① is used to display the charge level of the batteries and quality of the connection. (>>)
 - ▶ Turn volume control ③ until the desired volume has been set. If you have connected corded headphones to a rear-compartment screen, you can adjust the volume using the remote control (> page 7).
- i** To preserve the batteries, the headphones automatically switch off if they have not received an audio signal for approximately three minutes.

Selecting a screen for the headphones



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- ▶ Move push slider ① to **L** (left-hand screen) or **R** (right-hand screen).

- i** Up to two cordless headphones can be used at the same time for each screen.

Indicator lamp displays on the remote control

The colour of the indicator lamps shows whether an entry has been correctly transmitted and displays the charge level of the batteries used.

LED display	Status
Green	The batteries are fine.
Red	The batteries are almost discharged.
Flashing (green)	Entry being transmitted

LED play 	Status
Flashing (orange)	Entry not correctly transmitted
No display (dark)	The remote control is switched off or the batteries are discharged.

i The function of the remote control may be impaired by other radio-based electronic devices such as mobile phones or laptops.

Indicator lamp displays on the cordless headphones

The colour of the indicator lamp shows whether the device is switched on or off and indicates the charge level of the batteries inserted.

LED display	Status
Green	The batteries are fine.
Red	The batteries are almost discharged.
Lit continuously	The headphones are switched on and connected to a screen.
Flashing	The headphones are searching for the connection to a screen.
No display (dark)	The headphones are switched off or the batteries are discharged.

i The function of the headphones may be impaired by other radio-based electronic devices such as mobile phones or laptops.

Connecting additional headphones

Up to two cordless headphones can be used at the same time for each screen.

You can also connect one additional set of corded headphones to each of the two rear-compartment screens (> page 7). The socket

is designed for headphones with a 3.5 mm stereo jack plug and an impedance of 32 ohms.

Replacing batteries

Notes

⚠ WARNING

Batteries contain poisonous substances. Swallowing/ingesting batteries can result in serious personal injury or death. Always keep batteries away from children. If a battery is swallowed, seek immediate medical attention.

Batteries are required for the remote control and for the two sets of cordless headphones. The batteries can be replaced (> page 11).

♻ Environmental note



Dispose of used batteries in an environmentally responsible manner.

On the cordless headphones



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The battery compartment is located on the left headphone. The cordless headphones require 2 type AAA, 1.5 V batteries.

- ▶ **To open the battery compartment:** turn battery compartment cover ① in a clockwise direction and remove.
 - ▶ Remove the discharged batteries from the tray.
 - ▶ Insert the new batteries. Observe the polarity markings on the batteries and battery tray when doing so.
 - ▶ **To close the battery compartment:** replace battery housing cover ① and turn it clockwise until it clips into place. If the batteries have been inserted correctly, the indicator lamp will light up green when the headphones are switched on.
-  The operating duration of the headphones with a set of batteries is up to 40 hours. 

3 Technical Information

3.1 Mechanical Features

- P104 is adjustable in size to fit from children to adults
- Foldable for easy storage
- When placed on the seat, the product will withstand an adult person accidentally sitting on it.
- The headphone features round edges to prevent injury.
- The design of the headphone bears the OEM-logo, printed on both ear cups.

3.2 Materials

P104 is in compliance with the latest releases of directives RoHS (2002/95/EC) and ELV (2000/53/EC), and also the REACH regulation (EC) No. 1907/2006.

Marking of polymer parts acc. to VDA 260 respectively EN ISO 1043.

3.3 Declaration of Conformity to EC regulation R&TTE



Česky [Czech]:	HARMAN tímto prohlašuje, že tento P104-Headphone je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Dansk [Danish]:	Undertegnede HARMAN erklærer herved, at følgende udstyr P104-Headphone overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Deutsch [German]:	Hiermit erklärt HARMAN, dass sich das Gerät P104-Headphone in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
Eesti [Estonian]:	Käesolevaga kinnitab HARMAN seadme P104-Headphone vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
English:	Hereby, HARMAN, declares that this P104-Headphone is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Español [Spanish]:	Por medio de la presente HARMAN declara que el P104-Headphone cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
Ελληνική [Greek]:	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ ΗΛΩΝΕΙ ΟΤΙ Ρ104-Headphone ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
Français [French]:	Par la présente HARMAN déclare que l'appareil P104-Headphone est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Italiano [Italian]:	Con la presente HARMAN dichiara che questo P104-Headphone è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Latviski [Latvian]:	Ar šo HARMAN deklarē, ka P104-Headphone atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Lietuvių [Lithuanian]:	Šiuo HARMAN deklaruoją, kad šis P104-Headphone atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Nederlands [Dutch]:	Hierbij verklaart HARMAN dat het toestel P104-Headphone in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
Malti [Maltese]:	Hawnhekk, HARMAN, jiddikjara li dan P104-Headphone jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Magyar [Hungarian]:	Alulírott, HARMAN nyilatkozom, hogy a P104-Headphone megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.
Polski [Polish]:	Niniejszym HARMAN oświadcza, że P104-Headphone jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC
Português [Portuguese]:	HARMAN declara que este P104-Headphone está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.

Slovensko [Slovenian]:	HARMAN izjavlja, da je ta P104-Headphone v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Slovensky [Slovak]:	HARMAN týmto vyhlasuje, že P104-Headphone spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
Suomi [Finnish]:	HARMAN vakuuttaa täten että P104-Headphone tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Svenska [Swedish]:	Härmed intygar HARMAN att denna P104-Headphone står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
Íslenska [Icelandic]:	Hér með lýsir HARMAN yfir því að P104-Headphone er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC
Norsk [Norwegian]:	HARMAN erklærer herved at utstyret P104-Headphone er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.

3.4 FCC statements (North America)

(§15.19)

"This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and**
- (2) this device must accept any interference received, including interference that may cause undesired operation"**

and (§15.21)

"CAUTION TO USERS" / "FCC WARNING"

"Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment "

3.5 Industry Canada (IC) statement

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et*
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.*

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

3.6 Type of Equipment User's Guide for KOREA

Type of Equipment	User's Guide
A급 기기 (업무용 방송통신기자재)	이 기기는 업무용(A급) 전자파적합기기로서 판매자 또는 사용자는 이 점을 주의하시기 바라며, 가정외의 지역에서 사용하는 것을 목적으로 합니다.
Class A Equipment (Industrial Broadcasting & Communication Equipment)	This equipment is Industrial (Class A) electromagnetic wave suitability equipment and seller or user should take notice of it, and this equipment is to be used in the places except for home.

3.7 Environmental information

Batteries contain harmful substances. Please don't throw into household trash. Use environmental disposal.