

User Instruction Manual

NTG7Q

Infotainment System

Model: NTG7Q MID LF2

Model: NTG7Q HIGH LF2

Model: NTG7Q PREMIUM LF2

Brand: Mercedes-Benz

Version: 1.0 - english

Date: 2022-12-20

1 Technical Information

1.1 Materials

NTG7Q LF2 infotainment system está em conformidade com os mais recentes lançamentos de directivas RoHS (2002/95/EC) e ELV (2000/53/EC), e também o regulamento REACH (CE) No. 1907/2006. Marcação de polímero partes acc. a VDA 260, respectivamente EN ISO 1043. Declaration of Conformity to RED regulation

1.2 Declaration of Conformity to RED regulation 2014/53/EU



Declaration of Conformity (DoC)

English:

Hereby, CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH declares that the radio equipment type

NTG7Q MID LF2, NTG7Q HIGH LF2, NTG7Q PREMIUM LF2 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet Address: (*1)

Bulgarian:

С настоящото CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH декларира, че този тип радиосъоръжение **NTG7Q MID LF2, NTG7Q HIGH LF2, NTG7Q PREMIUM LF2** and е в съответствие с Директива 2014/53/ ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: (*1)

Spanish:

Por la presente, CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH declara que el tipo de equipo radioeléctrico **NTG7Q MID LF2, NTG7Q HIGH LF2, NTG7Q** es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: (*1)

Czech:

Tímto CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH prohlašuje, že typ rádiového zařízení

NTG7Q MID LF2, NTG7Q HIGH LF2, NTG7Q PREMIUM LF2 je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: (*1)

Danish:

Hermed erklærer CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH, at radioudstyrstypen **NTG7Q MID LF2, NTG7Q HIGH LF2, NTG7Q PREMIUM LF2** er i overensstemmelse med direktiv 2014/53/EU. EU- overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: (*1)

German:

Hiermit erklärt CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH, dass das Gerät mit Funkfunktion

NTG7Q MID LF2, NTG7Q HIGH LF2, NTG7Q PREMIUM LF2 der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU- Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: (*1)

Estonian:

Käesolevaga deklareerib CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH, et käesolev raadioseadme tüüp **NTG7Q MID LF2, NTG7Q HIGH LF2, NTG7Q PREMIUM LF2** vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: (*1)

Greek:

Με την παρούσα ο/η CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH, δηλώνει ότι ο ραδιοεξοπλισμός **NTG7Q MID LF2, NTG7Q HIGH LF2, NTG7Q PREMIUM LF2** πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: (*1)

French:

Le soussigné, CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH, déclare que l'équipement radioélectrique du type **NTG7Q MID LF2, NTG7Q HIGH LF2, NTG7Q PREMIUM LF2** est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante: (*1)

Croatian:

CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH ovime izjavljuje da je radijska oprema tipa **NTG7Q MID LF2, NTG7Q HIGH LF2, NTG7Q PREMIUM LF2** u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: (*1)

Italian:

Il fabbricante, CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH, dichiara che il tipo di apparecchiatura radio **NTG7Q MID LF2, NTG7Q HIGH LF2, NTG7Q PREMIUM LF2** è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: (*1)

Latvian:

Ar šo CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH deklarē, ka radioiekārta **NTG7Q MID LF2, NTG7Q HIGH LF2, NTG7Q PREMIUM LF2** atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: (*1)

Lithuanian:

Aš, CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH, patvirtinu, kad radijo įrenginių tipas **NTG7Q MID LF2, NTG7Q HIGH LF2, NTG7Q PREMIUM LF2** atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: (*1)

Hungarian:

CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH igazolja, hogy a **NTG7Q MID LF2, NTG7Q HIGH LF2, NTG7Q PREMIUM LF2** típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: 2014.5.22. L 153/104 Az Európai Unió Hivatalos Lapja HU: (*1)

Maltese:

B'dan, CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH, niddikjara li dan it-tip ta' tagħmir tar-radju **NTG7Q MID LF2, NTG7Q HIGH LF2, NTG7Q PREMIUM LF2** huwa konformi mad-Direttiva 2014/53/UE. It-test kollu tad- dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej: (*1)

Dutch:

Hierbij verklaar ik, CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH, dat het type radioapparatuur **NTG7Q MID LF2, NTG7Q HIGH LF2, NTG7Q PREMIUM LF2** conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU- conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: (*1)

Polish:

CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH niniejszym oświadcza, że typ urządzenia radiowego **NTG7Q MID LF2, NTG7Q HIGH LF2, NTG7Q PREMIUM LF2** jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: (*1)

Portuguese:

O(a) abaixo assinado(a) CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH declara que o presente tipo de equipamento de rádio **NTG7Q MID LF2, NTG7Q HIGH LF2, NTG7Q PREMIUM LF2** está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: (*1)

Romanian:

Prin prezenta, CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH declară că tipul de echipamente radio **NTG7Q MID LF2, NTG7Q HIGH LF2, NTG7Q PREMIUM LF2** este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: (*1)

Slovak:

CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH týmto vyhlasuje, že rádiové zariadenie typu **NTG7Q MID LF2, NTG7Q HIGH LF2, NTG7Q PREMIUM LF2** je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: (*1)

Slovenian:

CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH potrjuje, da je tip radijske opreme **NTG7Q MID LF2, NTG7Q HIGH LF2, NTG7Q PREMIUM LF2** skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: (*1)

Finnish:

CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH vakuuttaa, että radiolaitetyypin **NTG7Q MID LF2, NTG7Q HIGH LF2, NTG7Q PREMIUM LF2** on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: (*1)

Swedish:

Härmed försäkrar CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH att denna typ av radioutrustning **NTG7Q MID LF2, NTG7Q HIGH LF2, NTG7Q PREMIUM LF2** överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: (*1)

(*1) <https://www.continental-homologation.com>

1.3 Used Frequency spectrum

Bluetooth:	2400-2483.5 MHz	<10dBm
WLAN:	2,4 GHz (2400 MHz – 2483.5 MHz)	<20dBm
WLAN:	5 GHz (5150-5250 MHz, 5725 MHz – 5875 MHz)*	<20dBm <14dBm
GNSS:	1575,42 MHz +/- 2 MHz (Receiving only)	-----
AM:	531-1602 kHz (Receiving only)	-----
FM:	87.5-108 MHz (Receiving only)	-----
DAB:	174-240 MHz (Receiving only)	-----
DVB:	170-230 MHz (Receiving only)	-----
	470-694 MHz (Receiving only)	-----

* for Indonesia, please see 1.11

1.4 Manufacturer

CONTINENTAL AUTOMOTIVE
TECHNOLOGIES GMBH
VDO-Strasse 1, 64832 Babenhausen,
Germany

1.5 FCC/ISED statements (North America)

NTG7Q

FCC ID: 2AOUZNTG7QMIDLF2	&	IC: 23650-NTG7QMIDLF2
FCC ID: 2AOUZNTG7QHIGLF2	&	IC: 23650-NTG7QHIGLF2
FCC IC: 2AOUZNTG7QPRELF2	&	IC: 23650-NTG7QPRELF2

Modification statement:

The party responsible for the compliance has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment.

Le responsable de l'homologation de ce produit n'approuve aucune modification apportée à l'appareil par l'utilisateur, quelle qu'en soit la nature. Tout changement ou modification peuvent annuler le droit d'utilisation de l'appareil par l'utilisateur.

Wireless notice:

This device complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the ISED radio frequency (RF) Exposure rules. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device will be installed into different car models, using a specific installation setup for each carline. The device has two different antennas that will be installed into different car positions resulting in a distance minor to 20 cm to the closest passenger:

- "Pin3/Co-pilot" antenna will be installed at distances between 13.17 cm and more than 20 cm to the closest car passenger depending on the carline model.
- "Pin4/Pilot" antennas will be installed at distances between 17.125 cm and more than 20 cm to the closest car passenger depending on the carline model.

Le présent appareil est conforme à l'exposition aux radiations FCC / ISED définies pour un environnement non contrôlé et répond aux directives d'exposition de la fréquence de la FCC radiofréquence (RF) et RSS-102 de la fréquence radio (RF) ISED règles d'exposition. L'émetteur ne doit pas être colocalisé ni fonctionner conjointement avec à autre antenne ou autre émetteur.

Cet appareil sera installé dans des carlines spécifiques, avec une configuration d'antenne qui, dans le pire des cas, sera à une distance minimale de 13,17 cm de l'utilisateur final.

CAN ICES-3 (B) / NMB-3 (B)

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

Cet appareil numérique de classe B est conforme à la norme canadienne ICES-003.

FCC Class B digital device notice

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by

one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

1.6 Argentina



X-AAAAA

ID NOT KNOWN

1.7 China (Mainland)

Part name	Toxic and hazardous substances and elements					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
Bottom Chassis, Chassis Top, Rear Cover, Screws, Labels, Gapfiller, etc	0	0	0	0	0	0
Connectors	X	0	0	0	0	0
PCB ASY	X	0	0	0	0	0
Fan	X	0	0	0	0	0
This table was developed according to the provisions of SJ/T 11364. O: The content of such hazardous substance in all homogeneous materials of such component is below the limit required by GB/T 26572 X: the content of such hazardous substance in a certain homogeneous material of such component is beyond the limit required by GB/T 26572 (Enterprises may further explain the technical reasons for ticking "X" in the table above according to their actual situation herein.						

1.8 Taiwan

following information has to be included in the user's manual:

1. Product name
2. Model name
3. Trade mark or applicant name
4. For BSMI safety, rating (voltage and current) and operation temperature.
5. NCC caution statement. The following warning statement should be written in traditional Chinese.

1. 中文名稱：信息娛樂系統

2. Model 型號: NTG7Q MID LF2 / NTG7Q HIGH LF2 / NTG7Q PREMIUM LF2¹

3. CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH

4. 12V DC , 12A, -20°C – 55°C

¹ Different for each Model!

5. "Without permission granted by the NCC, any company, enterprise, or user is not allowed to change frequency, enhance transmitting power or alter original characteristic as well as performance to a approved low power radio-frequency devices. The low power radio-frequency devices shall not influence aircraft security and interfere legal communications; If found, the user shall cease operating immediately until no interference is achieved. The said legal communications means radio communications is operated in compliance with the Telecommunications Management Act. The low power radio-frequency devices must be susceptible with the interference from legal communications or ISM radio wave radiated device."

"The operations near the radar system shall not be influenced."

In Chinese language, the warning would be:

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。」

應避免影響附近雷達系統之操作。

限用物質含有情況標示聲明書 / Declaration of the Presence Condition of the Restricted Substances

設備名稱：n信息娛樂系統 · 型 Equipment name Type designation						
單元Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛 Lead (Pb)	汞Mercury (Hg)	鎘Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr ⁶⁺)	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ether (PBDE)
金屬(上/下外 殼、後面板、螺 絲和標籤等等)	○	○	○	○	○	○
連接器	-	○	○	○	○	○
電路板	○	○	○	○	○	○
風扇 (Fan)	-	○	○	○	○	○
備考1. “超出0.1 wt %”及“超出0.01 wt %”係指限用物質之百分比含量超出百分比含量基準值。 Note 1: “Exceeding 0.1 wt %” and “exceeding 0.01 wt %” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition. Note 2: “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence. 備考2. “○”係指該項限用物質之百分比含量未超出百分比含量基準值。 Note 3: The “-” indicates that the restricted substance corresponds to the exemption. 備考3. “-”係指該項限用物質為排除項目。						

進口商 / Importer - 進口商地址 / Importer address

XXXXXXXXXX

1.9 Mexico declaration:

Modelo: NTG7Q MID LF2
Modelo: NTG7Q HIGH LF2
Modelo: NTG7Q PREMIUM LF2

Marca: Mercedes-Benz

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada”

1.10 Japan MIC declaration (HIGH and PREMIUM ONLY)

In order to prevent users from accidentally connecting appliances directly to telecommunications line facilities without any approval this note has to be granted:
This product cannot be connected directly to the telecommunications lines (or public wireless LANs) of any telecommunication carriers (e.g., mobile communications carriers, fixed communications carriers, or internet providers). in the case of connecting this product to the internet, be sure to connect it via a router

1.11 Indonesia

Used Frequency spectrum in country INDONESIA

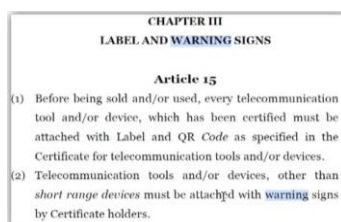
Bluetooth:	2400-2483.5 MHz	<10dBm
WLAN:	2,4 GHz (2400 MHz – 2483.5 MHz)	<20dBm
WLAN:	5 GHz (5150-5250 MHz, 5725 MHz – 5825 MHz)*	<20dBm <14dBm
GNSS:	1575,42 MHz +/- 2 MHz (Receiving only)	-----
AM:	531-1602 kHz (Receiving only)	-----
FM:	87.5-108 MHz (Receiving only)	-----
DAB:	174-240 MHz (Receiving only)	-----
DVB:	170-230 MHz (Receiving only)	-----
	470-694 MHz (Receiving only)	-----

Model / Product	Cert.-Label info	U/M info, QR code	U/M alert sign
NTG7Q MID LF2 production: Hungary			 Peringatan: peralatan komunikasi yang tidak memenuhi persyaratan ini tidak boleh dimasukkan ke dalam kendaraan.
NTG7Q HIGH LF2 production: Hungary			 Peringatan: peralatan komunikasi yang tidak memenuhi persyaratan ini tidak boleh dimasukkan ke dalam kendaraan.
NTG7Q PREMIUM LF2 production: Hungary			 Peringatan: peralatan komunikasi yang tidak memenuhi persyaratan ini tidak boleh dimasukkan ke dalam kendaraan.

The warning sign must be included for devices that are not short range devices.

All NTG products are not considered short range devices, because they support BT & WLAN.

In articles 16 and 17 it says that the warning and the QR must be placed in the packaging; but since the devices are integrated in the cars at the time of importing and they do not have boxes, the authority accepts to be placed in the UM.



NOMOR 16 TAHUMPM_Kominfo_No_16
2018.pdf _Tahun_2018 (Englis

1.12 Samoa

The trademark will be highlighted on the packaging, warranty forms, instruction manual and leaflets, websites, and equipment or device. A height of at least 3mm is recommended.

