



Inputs for User Manual

MGU21A

User Instruction

Recommendation for Manual out of homologation requirements

MGU Infotainment System

Model: MGU21A

Brand: BMW

Version: 1.3
Date: 2022-01-27

**European target market (EU and EFTA countries)
Declaration of Conformity to RED regulation 2014/53/EU**

Declaration of Conformity (DoC)



English:

Hereby, Harman Becker Automotive Systems GmbH declares that the radio equipment type **MGU 21A** 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 Harman Becker Automotive Systems GmbH декларира, че този тип радиосъоръжение **MGU21A** 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, Harman Becker Automotive Systems GmbH declara que el tipo de equipo radioeléctrico **MGU21A** 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 Harman Becker Automotive Systems GmbH prohlašuje, že typ rádiového zařízení **MGU21A** 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 Harman Becker Automotive Systems GmbH, at radioudstyrstypen **MGU21A** er i overensstemmelse med direktiv 2014/53/EU. EU- overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: (*1)

German:

Hiermit erklärt Harman Becker Automotive Systems GmbH, dass das Gerät mit Funkfunktion **MGU21A** der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU- Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: (*1)

Estonian:

Käesolevaga deklareerib Harman Becker Automotive Systems GmbH, et käesolev raadioseadme tüüp **MGU21A** vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: (*1)

Greek:

Με την παρούσα ο/η Harman Becker Automotive Systems GmbH, δηλώνει ότι ο ραδιοεξοπλισμός **MGU21A** πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: (*1)

French:

Le soussigné, Harman Becker Automotive Systems GmbH, déclare que l'équipement radioélectrique du type **MGU21A** 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:

Harman Becker Automotive Systems GmbH ovime izjavljuje da je radijska oprema tipa **MGU21A** u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: (*1)

Italian:

Il fabbricante, Harman Becker Automotive Systems GmbH, dichiara che il tipo di apparecchiatura radio **MGU21A** 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 Harman Becker Automotive Systems GmbH deklarē, ka radioiekārta **MGU21A** atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: (*1)

Lithuanian:

Aš, Harman Becker Automotive Systems GmbH, patvirtinu, kad radijo įrenginių tipas **MGU21A** atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: (*1)

Hungarian:

Harman Becker Automotive Systems GmbH igazolja, hogy a **MGU21A** 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, Harman Becker Automotive Systems GmbH, niddikjara li dan it-tip ta' tagħmir tar-radju **MGU21A** 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, Harman Becker Automotive Systems GmbH, dat het type radioapparatuur **MGU21A** conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU- conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: (*1)

Polish:

Harman Becker Automotive Systems GmbH niniejszym oświadcza, że typ urządzenia radiowego **MGU21A** 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) Harman Becker Automotive Systems GmbH declara que o presente tipo de equipamento de rádio **MGU21A** 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, Harman Becker Automotive Systems GmbH declară că tipul de echipamente radio **MGU21A** este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: (*1)

Slovak:

Harman Becker Automotive Systems GmbH týmto vyhlasuje, že rádiové zariadenie typu **MGU21A** je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: (*1)

Slovenian:

Harman Becker Automotive Systems GmbH potrjuje, da je tip radijske opreme **MGU21A** skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: (*1)

Finnish:

Harman Becker Automotive Systems GmbH vakuuttaa, että radiolaitetyyppi **MGU21A** on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: (*1)

Swedish:

Härmed försäkrar Harman Becker Automotive Systems GmbH att denna typ av radioutrustning **MGU21A** överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: (*1)

Ukrainian:

Цим компанія Harman Becker Automotive Systems GmbH заявляє, що радіобладнання, тип **MGU21A**, відповідає положенням Директиви 2014/53/EU. Повний текст Декларації про відповідність директивам ЄС міститься за таким посиланням: (*1)

(*1) <http://www.harman.com/compliance>

Used Frequency spectrum

Bluetooth:	2,402-2,480 GHz	<10dBm
WLAN:	2,4 GHz (2,4 GHz – 2,49 GHz)	<10dBm
WLAN:	5 GHz (5,725 GHz – 5,875 GHz)	<14dBm
WLAN:	5 GHz (5,150 GHz – 5,250 GHz)	<14dBm
GPS:	1559 – 1610 MHz (Receiving only)	-----

Manufacturer

Harman Becker Automotive Systems GmbH
Becker-Goering-Strasse 16
76307 Karlsbad,
Germany



target market North America FCC / ISED statement

Model: MGU21A
FCC ID: T8GMGU21A
IC: 6434A-MGU21A

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 specific carlines, with an antenna configuration that as worst case will be at a minor distance of 5.10 cm from the end user.

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 5,10 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.

Interference statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation,

Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil contient un ou plusieurs émetteurs/récepteurs exempts de licence qui sont conformes au(x) RSS exempts de licence d'Innovation, Science et Développement économique de Canada. Le fonctionnement est soumis 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 radio transmitter 6434A-MGU21A has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

Permitted Antenna

This radio transmitter has been approved by the ISED to operate with the antenna types listed below with the maximum permissible gain indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Interface and frequency range (MHz)	Type	Max Gain
2400-2495; 5150-5850	$\lambda/4$; $5/8 \lambda$ Monopole	-2.5 dBi for 2.4 GHz Band -2.8 dBi for 5 GHz Band

Target market CHINA:

China Restriction of certain Hazardous Substances (China RoHS)

DRAFT

Part name	Toxic and hazardous substances and elements					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
Chassis	0	0	0	0	0	0
connectors	0	0	0	0	0	0
PCB ASY	0	0	0	0	0	0

Pollution control label



Target market Mexico:

Modelo: MGU21A

Marca: BMW

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”.

Target market Taiwan:

第十二條：經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得得擅自變更頻率、加大功率或變更通原計之特性及功能。

第十四條：低功率射頻電機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。

前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機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。

Materials

MGU21A 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

Target market Bolivia:

MGU21A: Dimensions/Dimensiones: 200mm x 160mm x 39.5mm

Weight/peso: 644.3 gr

3.2.1 Target market Ukraine:**Використовуваний частотний спектр**

Bluetooth:	2,402-2,480 GHz	<10dBm
WLAN:	2,4 GHz (2,4 GHz – 2,49 GHz)	<10dBm
WLAN:	5 GHz (5,725 GHz – 5,875 GHz)	<14dBm
WLAN:	5 GHz (5,150 GHz – 5,250 GHz)	<14dBm
GPS:	1559 – 1610 MHz (Тільки для отримання)	-----

Target market Brazil:**MODELO: MGU 21A**

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados