

Radio Equipment Directive 2014/53/EU



Supplement to Owner's Manual

Importer:
Opel / Vauxhall, Bahnhofsplatz, 65423 Ruesselsheim am Main, Germany.

Antenna module

ASK Automotive Pvt. Ltd.
Unit 2 Plot No. 30-31, Fathepur-Nawada, Manesar, Gurugram,
Haryana 122050 - India

INFAC ELECS

Saneop-ro 155beon-gi Gwonseongu, Suwon city, Gyeonggi-do, Korea

Kathrein Automotive GmbH
Roemerring 1, D-31137 Hildesheim, Germany

Laird
Daimlerring 31, D-31135 Hildesheim, Germany

Yokowo Manufacturing of America, LLC.
28221 Beck Road, Unit A-21, Wixom, MI 48394, U.S.A.

DAB+ module

Panasonic Automotive & Industrial Systems Europe GmbH
Robert-Bosch-Straße 27-29, D-63225 Langen, Germany

Electronic key receiver

Continental Automotive
1 Rue de Clairefontaine, 78120 Rambouillet, France
Operation frequency: 125 kHz; Maximum output: 42 dBµA/m @ 10 m

Denso Corporation
Waldeckerstraße 11, D-64546 Mörfelden-Walldorf, Germany
Operation frequency: 125 kHz; Maximum output: -0.14 dBm

Hella KGaA Hueck & Co.
Rixbecker Straße 75, D-59552 Lippstadt, Germany
Operation frequency: 125 kHz; Maximum output: 22.665 dBµA/m @ 10 m

Visteon Electronics
04 Rue Nelson Mandela, Zone Industrielle Borj Cedria, 2055 Bir El Bey, Tunisia
Operation frequency: 125 kHz; Maximum output: 42 dBµA/m @ 10 m

Electronic key transmitter

ALPS ELECTRIC EUROPE GmbH
Ohmstrasse 4, D-85716 Unterschleissheim, Germany
Operation frequency: 433 MHz; Maximum output: 10 mW ERP

Continental Automotive
1 Rue de Clairefontaine, 78120 Rambouillet, France
Operation frequency: 433 MHz; Maximum output: 10 mW ERP

Denso Corporation
1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661, Japan
Operation frequency: 433.92 MHz; Maximum output: -5.88 dBm

Hella KGaA Hueck & Co.
Rixbecker Straße 75, D-59552 Lippstadt, Germany
Operation frequency: 433.92 MHz; Maximum output: 0.050 mW

Valeo
43 Rue Bayen, 75017 Paris, France
Operation frequency: 433.92 MHz; Maximum output: 10 dBm

Immobiliser

ALPS ELECTRIC EUROPE GmbH
Ohmstrasse 4, D-85716 Unterschleissheim, Germany
Operation frequency: 125 kHz; Maximum output: 42 dBµA/m @ 10 m

Continental Automotive GmbH
Siemensstrasse 12, D-93055 Regensburg, Germany
Operation frequency: 125 kHz; Maximum output: 5.1 dBµA/m @ 10 m

Continental Automotive GmbH
1 Rue de Clairefontaine, 78120 Rambouillet, France
Operation frequency: 125 kHz; Maximum output: 42 dBµA/m @ 10 m

Delphi Deutschland GmbH
Delphiplatz 1, D-42119 Wuppertal, Germany
Operation frequency: 125 kHz; Maximum output: 42 dBµA/m @ 10 m

KOSTAL of America, Inc.
350 Stephenson Hwy, Troy MI 48083, USA
Operation frequency: 125 kHz; Maximum output: 5 dBµA/m @ 10 m

Robert Bosch GmbH
Robert Bosch Platz 1, D-70839 Gerlingen, Germany
Operation frequency: 125 kHz; Maximum output: 5.1 dBµA/m @ 10 m

Infotainment systems

Harman International Industries
Becker-Goering-Str. 16, D-76307 Karlsbad, Germany

Operation frequency (MHz)	Maximum output (dBm)
2400.0 - 2483.5	9
2400.0 - 2483.5	19
5725.0 - 5875	13.9

LGE
LG Electronics European Shared Service Center B.V., Krijgsman 1, 1186 DM
Amstelveen, The Netherlands

Operation frequency (MHz)	Maximum output (dBm)
2400.0 - 2483.5	4
2400.0 - 2483.5	13
5725.0 - 5850.0	13

Continental Automotive
1 Rue de Clairefontaine, 78120 Rambouillet, France
Operation frequency: 2400 - 2483.5 MHz; Maximum output: 100 mW EIRP

Infotainment system CD 3.0 BT/ R 3.0 / CD 400+
Humax Automotive Co. Ltd.
2, Yeongmun-ro, Cheoin-gu, Yongin-si, Gyeonggi-do, Korea
Operation frequency: 2402 - 2480 MHz; Maximum output: 4 dBm EIRP

Infotainment system CD 300 / CD 400
Panasonic Automotive & Industrial Systems Europe GmbH
Robert-Bosch-Straße 27-29, D-63225 Langen, Germany

Infotainment system CD50 MP3
Delphi Deutschland GmbH
Delphiplatz 1, D-42119 Wuppertal, Germany
Operation frequency: 2402 - 2480 MHz; Maximum output: 6 dBm

Infotainment system CD 600
Panasonic Automotive & Industrial Systems Europe GmbH
Robert-Bosch-Straße 27-29, D-63225 Langen, Germany
Operation frequency: 2402 - 2480 MHz; Maximum output: 7.67 dBm

Infotainment system IntelliLink Touch
Continental Automotive GmbH
1 Rue de Clairefontaine, 78120 Rambouillet, France

Infotainment system IntelliLink-e
LGE
LG Electronics European Shared Service Center B.V., Krijgsman 1, 1186 DM
Amstelveen, The Netherlands

Operation frequency (MHz)	Maximum output (dBm)
2400.0 - 2483.5	4
2400.0 - 2483.5	13
5725.0 - 5850.0	13

Infotainment system Navi 50 / Navi 80 IntelliLink
LGE
LG Electronics European Shared Service Center B.V., Krijgsman 1, 1186 DM
Amstelveen, The Netherlands
Operation frequency: 2400 - 2483.5 MHz; Maximum output: 100 mW EIRP

Infotainment system Navi 650 / Navi 950
Panasonic Automotive & Industrial Systems Europe GmbH
Robert-Bosch-Straße 27-29, D-63225 Langen, Germany
Operation frequency: 2402 - 2480 MHz; Maximum output: 7.67 dBm

Infotainment system Navi 900 IntelliLink
Robert Bosch Car Multimedia GmbH
Robert-Bosch-Straße 200, D-31139 Hildesheim, Germany

Operation frequency (MHz)	Maximum output (dBm)
2400 - 2480	10
2400 - 2480	20

Delphi Deutschland GmbH
Delphiplatz 1, D-42119 Wuppertal, Germany

Infotainment system R16 / R16 BT USB / CD18 BT USB
Visteon Electronics
04 Rue Nelson Mandela, Zone Industrielle Borj Cedria, 2055 Bir El Bey, Tunisia
Operation frequency: 2400 - 2483.5 MHz;
Maximum output: 100 mW EIRP

Infotainment system R300 / R300 BT

Humax Automotive Co. Ltd.

2, Yeongmun-ro, Cheoin-gu, Yongin-si, Gyeonggi-do, Korea

Operation frequency: 2402 - 2480 MHz; Maximum output: 4 dBm EIRP

Infotainment system R 4.0

Clarion

244 rue du Pré à Varois, 54670 Custines - France

Operation frequency: 2400 - 2480 MHz; Maximum output: 4 dBm

Infotainment system R 4.0 / Navi 4.0 IntelliLink

LGE

LG Electronics European Shared Service Center B.V., Krijgsman 1, 1186 DM

Amstelveen, The Netherlands

Operation frequency (MHz)	Maximum output (dBm)
2400.0 - 2483.5	4
2400.0 - 2483.5	13
5725.0 - 5850.0	13

Infotainment system Navi 5.0 IntelliLink

Continental

LCIE Bureau Veritas-Site de Fontenay aux Roses, 33 avenue du général Leclerc,

92260 Fontenay aux Roses, France

Operation frequency: 2400 - 2483.5 MHz; Maximum output: 2.2 dBm

Operation frequency: 2400 - 2483.5 MHz; Maximum output: 15 dBm

Infotainment system Stereo-CD-Radio

Robert Bosch Car Multimedia GmbH

Robert-Bosch-Straße 200, D-31139 Hildesheim, Germany

OnStar module

LGE

LG Electronics European Shared Service Center B.V., Krijgsman 1, 1186 DM

Amstelveen, The Netherlands

Operation frequency (MHz)	Maximum output (dBm)
2402 - 2480	4
2412 - 2462	18
880 - 915	33
1710 - 1785	24
1850 - 1910	24
1920 - 1980	24
2500 - 2570	23

Parking heater remote control receiver

Eberspaecher Climate Control Systems GmbH & Co. KG

Eberspaecherstrasse 24, D-73730 Esslingen, Germany

Webasto Thermo & Comfort SE

Friedrichshafener Str. 9, D-82205 Gilching, Germany

Parking heater remote control transmitter

Eberspaecher Climate Control Systems GmbH & Co. KG

Eberspaecherstrasse 24, D-73730 Esslingen, Germany

Operation frequency: 434.6 MHz; Maximum output: 10 dBm

Webasto Thermo & Comfort SE

Friedrichshafener Str. 9, D-82205 Gilching, Germany

Operation frequency: 869 MHz; Maximum output: 14 dBm

Radar unit

Autoliv B.V. & Co. KG

Postfach 1320, D-85203 Dachau, Germany

Operation frequency: 24.05 - 24.25 GHz; Maximum output: 16 EIRP dBm

Continental Automotive GmbH

ADC Automotive Distance Control Systems GmbH, Peter-Dornier-Strasse 10,

D-88131 Lindau, Germany

Operation frequency: 76 - 77 GHz; Maximum output: 30 EIRP dBm

Operation frequency: 76 - 77 GHz; Maximum output: 35 EIRP dBm

Delphi Deutschland GmbH

Delphiplatz 1, D-42119 Wuppertal, Germany

Operation frequency: 76 - 77 GHz; Maximum output: 55 EIRP dBm

Hella KGaA Hueck & Co.

Rixbecker Straße 75, D-59552 Lippstadt, Germany

Operation frequency: 24.05 - 24.25 GHz; Maximum output: 20 EIRP dBm

ZF TRW Autocruise SAS

Secteur de la Pointe du Diable, Avenue du technopôle, 29280 PLOUZANE, France

Operation frequency: 24.15 - 24.25 GHz; Maximum output: 20 dBm

Smart phone remote module

Denso Corporation

Waldeckerstraße 11, D-64546 Mörfelden-Walldorf, Germany

Operation frequency: 2400 - 2482 MHz; Maximum output: 3 dBm

Radio remote control receiver

Continental Automotive GmbH

Siemensstraße 12, D-93055 Regensburg, Germany

Operation frequency: 433.92 MHz; Maximum output: N/A

Delphi Deutschland GmbH

Delphiplatz 1, D-42119 Wuppertal, Germany

Operation frequency: 433.92 MHz; Maximum output: N/A

Delphi European, Middle Eastern & African Regional Offices

Customer Technology Center, Avenue de Luxembourg,

L-4940 Bascharage G.D. of Luxembourg

Operation frequency: 119.0 - 128.6 kHz; Maximum output: 16 dBµA/m @ 10 m

Robert Bosch GmbH

Robert Bosch Platz 1, D-70839 Gerlingen, Germany

Operation frequency: 433.92 MHz; Maximum output: N/A

Visteon Electronics

04 Rue Nelson Mandela, Zone Industrielle Borj Cedria, 2055 Bir El Bey, Tunisia

Operation frequency: 433 MHz; Maximum output: 10 mW ERP

Radio remote control transmitter

Continental Automotive GmbH

Siemensstraße 12, D-93055 Regensburg, Germany

Operation frequency: 433.92 MHz; Maximum output: -5.7 dbm

Delphi Deutschland GmbH

Delphiplatz 1, D-42119 Wuppertal, Germany

Operation frequency: 433.92 MHz; Maximum output: 10 mW ERP

Hülsbeck & Fürst GmbH & Co. KG

Steeger Str. 17, D-42551 Velbert, Germany

Operation frequency: 433.92 MHz; Maximum output: 10 dBm

Robert Bosch GmbH

Robert Bosch Platz 1, D-70839 Gerlingen, Germany

Operation frequency: 433.92 MHz; Maximum output: -4 dbm

Visteon Electronics

04 Rue Nelson Mandela, Zone Industrielle Borj Cedria, 2055 Bir El Bey, Tunisia

Operation frequency: 433 MHz; Maximum output: 10 mW ERP

Rear view camera display

Ficosa International

Gran Via de Carles III, 98, 08028 Barcelona, Spain

Operation frequency (MHz)	Maximum output (dBm)
824 - 894	39
880 - 960	39
1710 - 1880	36
1850 - 1890	33

Navigation module

TomTom Int'l BV

De Ruijterkade 154, 1011 AC Amsterdam, The Netherlands

Operation frequency: 2400 - 2483.5 MHz; Maximum output: 100 mW EIRP

Telematics module

MasterNaut International

4 rue Charles Cros, 27400 Louviers, France

Operation frequency: 900 MHz; Maximum output: 33 dBm

Operation frequency: 1800 MHz; Maximum output: 30 dBm

Tyre pressure sensors

Schrader Electronics Ltd.

11 Technology Park, Belfast Road, Antrim BT41 1QS, Northern Ireland, UK

Operation frequency: 433.92 MHz; Maximum output: 10 dBm

Schrader Electronics

Trooperslane Industrial Estate, 2 Meadowbank Rd, Carrickfergus BT38 8YF, UK

Operation frequency: 433 MHz; Maximum output: 10 mW ERP

