

**R&TTE Compliance Information
for 2.4 GHz and 5 GHz
WLAN Products**



1	R&TTE Compliance	5
1.1	EC Declaration of Conformity	5
1.2	CE Marking	8
1.3	National Restrictions and Requirements for Authorization	8
	1.3.1 Belgium	9
	1.3.2 France	9
	1.3.3 Italy	10
1.4	Antennas	10
1.5	Operating Frequency	10
1.6	Changing Output Power	11
1.7	Obtaining Documents from www.funkwerk-ec.com	11

1 R&TTE Compliance

This R&TTE compliance leaflet contains information for Funkwerk EC WLAN products of the brands artem, bintec, and elmeg and their compliance with the EC Directive 1999/5/EC (R&TTE Directive) relevant to the European Union. This document is valid for all single band products (2,4 GHz, IEEE802.11b/g) and for all dual band products (2,4 GHz, IEEE802.11b/g and 5 GHz, IEEE802.11a/h).

1.1 EC Declaration of Conformity

Czech (CS) Česky	Toto zařízení je v souladu se základními požadavky a ostatními odpovídajícími ustanoveními směrnice 1999/5/ES
Danish (DA) Dansk	Dette udstyr er i overensstemmelse med de væsentlige krav og andre relevante bestemmelser i Direktiv 1999/5/EF.
Dutch (NL) Nederlands	Dit apparaat voldoet aan de essentiële eisen en andere van toepassing zijnde bepalingen van de Richtlijn 1999/5/EG
Estonian (ET) Eesti	See seade vastab direktiivi 1999/5/EÜ olulistele nõuetele ja teistele asjakohastele sätetele.
English (EN)	This equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC
German (DE) Deutsch	Dieses Gerät entspricht den grundlegenden Anforderungen und den weiteren entsprechenden Vorgaben der Richtlinie 1999/5/EG
Greek (EL) Ελληνική	Αυτός ο εξοπλισμός είναι σε συμμόρφωση με τις ουσιαστικές απαιτήσεις και άλλες σχετικές διατάξεις της Οδηγίας 1999/5/EK

Finnish (FI) Suomi	Tämä laite täyttää direktiivin 1999/5/EY olennaiset vaatimukset ja on siinä asetettujen muiden laitetta koskevien määräysten mukainen.
French (FR) Français	Cet appareil est conforme aux exigences essentielles et aux autres dispositions pertinentes de la Directive 1999/5/CE
Hungarian (HU) Magyar	Ez a készülék teljesíti az alapvető követelményeket és más 1999/5/EK irányelvben meghatározott vonatkozó rendelkezéseket.
Icelandic (IS) Íslenska	Þetta tæki er samkvæmt grunnkröfum og öðrum viðeigandi ákvæðum Tilskipunar 1999/5/EB
Italian (IT) Italiano	Questo apparato è conforme ai requisiti essenziali ed agli altri principi sanciti dalla Direttiva 1999/5/CE
Latvian (LV) Latviski	Šī iekārta atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Lithuanian (LT) Lietuvių	Šis įrenginys tenkina 1999/5/EB Direktyvos esminius reikalavimus ir kitas šios direktyvos nuostatas.
Maltese (MT) Malti	Dan l-apparat huwa konformi mal-htigiet essenzjali u l-provedimenti l-oħra rilevanti tad-Direttiva 1999/5/KE
Norwegian (NO) Norsk	Dette utstyret er i samsvar med de grunnleggende krav og andre relevante bestemmelser i EU-direktiv.1999/5/EC
Polish (PL) Polski	Urządzenie jest zgodne z ogólnymi wymaganiami oraz szczególnymi warunkami określonymi Dyrektywą UE: 1999/5/WE
Portuguese (PT) Português	Este equipamento está em conformidade com os requisitos essenciais e outras provisões relevantes da Directiva 1999/5/CE

Spain (ES) Español	Este equipo cumple con los requisitos esenciales así como con otras disposiciones de la Directiva 1999/5/CE
Slovenian (SL) Slovensko	Ta naprava je skladna z bistvenimi zahtevami in ostalimi relevantnimi pogoji Direktive 1999/5/ES
Slovak (SK) Slovensky	Toto zariadenie je v súlade so základnými požiadavkami a ostatnými príslušnými ustanoveniami smernice 1999/5/ES
Swedish (SV) Svenska	Denna utrustning är i överensstämmelse med de väsentliga kraven och andra relevanta bestämmelser i direktiv 1999/5/EG

Note The EC declaration of conformity can be found at www.funkwerk-ec.com.

Applied standards for the EC declaration of conformity:

Radio Spectrum:

- Single band and dual band products:
 - EN 300 328 for sub-band a) 2400 - 2483.5 MHz
 - Dual band products only:
 - EN 301 893 for sub-bands b) 5150 - 5250 MHz, c) 5250 - 5350 MHz, d) 5470 - 5725 MHz

Safety:

- Single band and dual band products:
 - EN 60950-1
 - EN 50371

Electromagnetic Compatibility (EMC):

- Single band and dual band products:
 - EN 301 489-1
 - EN 301 489-17

1.2 CE Marking

This Product is intended to be operated in the following countries: BE, DK, DE, EE, FI, FR, GR, IE, IS, IT, LV, LT, LU, MT, NL, NO, AT, PL, PT, SE, CH, SK, SI, ES, CZ, HU, GB, CY.

The following conformity mark is added to the WLAN product in accordance to annex VII of 1999/5/EC:



For some products a Notified Body was consulted. In this case its number is noted between **CE** and the alert symbol **!**. You can find detailed product specific information at www.funkwerk-ec.com.

1.3 National Restrictions and Requirements for Authorization

In accordance to article 6 (3) of 1999/5/EC we herewith inform you about the national restrictions and requirements for authorization in the following countries (see table below). The requirements for any country may evolve. Funkwerk EC recommends that you check with local authorities for the latest status of their national regulations for both 2.4 and 5 GHz wireless LANs.

Frequency Band	Restrictions	RF - Radiated Power	Comments
2400 - 2454 MHz	None	100 mW e.i.r.p.	Class 1
2400 - 2483.5 MHz	None	10 mW e.i.r.p.	Class 1
2454 - 2483.5 MHz	Yes	100 mW e.i.r.p.	Class 2
5150 - 5250 MHz	Yes		Class 2
5250 - 5350 MHz	Yes		Class 2
5470 - 5725 MHz	Yes		Class 2

The following sections identify countries having additional requirements for authorization or restrictions other than those listed in the table above (indicated by "Yes" in the column "Restrictions").

NOTE Please note that this table might not be up to date as you read it. Despite careful research on the subject, there may be regulations in countries which are not mentioned here. If you are uncertain about your national regulations, please contact your national regulatory authority!

1.3.1 Belgium

Outdoor wireless links with a range in excess of 300 meters need to be notified at the Belgian Institute for Postal Services and Telecommunications (BIPT). Please check <http://www.bipt.be> for more details.

Draadloze verbindingen voor buitengebruik en met een reikwijdte van meer dan 300 meter dienen aangemeld te worden bij het Belgisch Instituut voor postdiensten en telecommunicatie (BIPT). Zie <http://www.bipt.be> voor meer gegevens.

Les liaisons sans fil pour une utilisation en extérieur d'une distance supérieure à 300 mètres doivent être notifiées à l'Institut Belge des services Postaux et des Télécommunications (IPBT). Visitez <http://www.ibpt.be> pour de plus amples détails.

1.3.2 France

The use of the band from 5470 to 5725 MHz is not allowed in France. The band from 5150 to 5350 MHz can only be used indoors. In case the product is used outdoors, the usage of any 5-GHz frequency is not allowed, and for 2.4-GHz, the output power is restricted in some parts of the 2.4-GHz band. Please check <http://www.art-telecom.fr> for more details.

L'utilisation de la bande 5470 à 5725 MHz n'est pas autorisée en France. La bande de 5150 à 5350 MHz ne peut être utilisée qu'à l'intérieur d'un bâtiment. Dans le cas d'une utilisation en extérieur aucune fréquence dans les bandes des 5 GHz n'est permise, tandis que la puissance est limitée dans certaines parties de la bande des 2.4 GHz.

Visitez <http://www.art-telecom.fr> pour de plus amples détails.

1.3.3 Italy

This product meets the National Radio Interface specifications and the requirements in the National Frequency Allocation Table for Italy. Operating wireless equipment requires a "general authorization" unless it is operated within the boundaries of the owner's property. Please check with <http://www.comunicazioni.it/it> for more details.

Questo prodotto è conforme alle specifiche di Interfaccia Radio Nazionali e rispetta il Piano Nazionale di ripartizione delle frequenze in Italia. Se non viene installato all'interno del proprio fondo, l'utilizzo di prodotti Wireless LAN richiede una "Autorizzazione Generale". Consultare <http://www.comunicazioni.it/it> per maggiori dettagli.

1.4 Antennas

This Product is to be operated with the antennas supplied with the equipment. Other antennas may be used, but then the operator is responsible for fulfilling the local regulations. In general this means that, when high gain antennas are used, the output power must be decreased accordingly.

1.5 Operating Frequency

The operating frequency is determined by the access point to which the client is associated. The operating frequency of the client cannot be set manually. It is important that the Access Point is correctly configured to meet the local regulations. Please select your country in the country settings of the Access Point.

1.6 Changing Output Power

Please refer to the manual of your device in order to manually reduce the output power.

1.7 Obtaining Documents from www.funkwerk-ec.com

Please browse to <http://funkwerk-ec.com>. For further questions you can also contact

hotline@funkwerk-ec.com

