

BIXOLON®

Declaration of Conformity



Type of equipment: Bluetooth Interface
Brand Name /Trade Mark: BIXOLON
Type designation /model: IFX-Ba
Manufacturer: BIXOLON CO., LTD. (Address: 344 Pangyo-ro Bundang-gu, Seongnam-si, Gyeonggi-do, 13493, Republic of Korea)

In accordance with the following Directives:

RER 2017 (S.I 2017/1206)	Radio Equipment Regulations 2017
ECR 2016 (S.I 2016/1091)	Electromagnetic Compatibility Regulations 2016
EE(S)R 2016 (S.I 2016/1101)	Electrical Equipment (Safety) Regulations 2016
Regulations 2012 (S.I. 2012/3032)	The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment

The following harmonized UK standards and technical specifications have been applied:

EN 301 489-1 V2.2.3	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
EN 301 489-17 V3.2.4	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems
EN IEC 61000-3-2:2019	Limits for harmonic current emissions (equipment input current up to and including 16 A per phase)
EN 61000-3-3:2013+A1:2019	Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current \leq 16 A per phase and not subject to conditional connection
EN 300 328 V2.2.2	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques;
EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Test report issued by EMC: CTK Co., Ltd. / RF: CTK Co., Ltd.

**This declaration of conformity is issued under the sole responsibility of the manufacturer.
The UKCA Marking on the products and/or their packaging signifies that BIXOLON Co., Ltd. holds the reference technical file available to the UK authorities.**

DoC No.: BXLDoC-24-3037
Place and date of issue: 344 Pangyo-ro Bundang-gu, Seongnam-si, Gyeonggi-do, 13493, Republic of Korea / 2024-10-14
Authorized Signatory: Name: Hyounchall Roh (Title: CEO)
Signature:

Hyounchall Roh
BIXOLON CO., LTD.