

Expertise

**Expert Opinion of the Notified Body on the Conformity Assessment
according to Article 10.5 of R&TTE Directive 1999/5/EC**

PHOENIX TESTLAB
EU Identification Number 0700

Recognised by  Bundesnetzagentur

BNetzA-bs-02/51-55

Expertise No.	13-112298
Certificate Holder	Zhejiang Bernal Electric Co., Ltd.
Address	Weishiqi Road (east End) Centrer Industry Zone, Yueqing, Zhejiang, China
Product Description	Wireless doorbell, Non-Specific SRD
Brand Name / Model Name	ZNT / ZTB-83N; ZTB-620N; ZTB-630N; ZTB-660N; ZTB-680; ZTB-82N; ZTB-85N; ZTB-86N; ZTB-88N

Opinion on the Essential Requirements

Article 3.1a): Health and Safety	No remarks
Article 3.1b): Electromagnetic Compatibility	No remarks
Article 3.2: Effective Use of the Radio Spectrum	No remarks

CE-marking

Marking Example (Class 1) **CE 0700**

This certificate is issued in accordance with the Directive 1999/5/EC of the European Parliament and the Council on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity dated 9th March 1999 and is only valid in conjunction with the following annex (2 pages).

Blomberg, 28 May 2013

Place, Date of Issue



Signed by Alan Lane
Notified Body

Technical description

Frequency Range Subclass 20: 433.05-434.79 MHz
Operating Frequency 433.92MHz
Transmitted Power -17.39dBm ERP
Duty cycle <10%

Technical Construction File (TCF):

Technical documentation according to Annex II sub clause 4:

- User Manual
- Operational Description
- Block Diagram
- Circuit Diagram
- Parts Placement
- PCB-Layout
- Parts List

Hardware Version: --

Software Version: --

Applied Standards and Test Reports

Specification	Laboratory	Test Report Number
EN 60950-1:2006+A11:2009+ A1:2010+A12:2011	Keyway Testing Technology Co.,Ltd.	13KWS05504P
EN 62479:2010	Keyway Testing Technology Co., Ltd.	13KWE05575R
EN 301 489-1 V1.9.2 EN 301 489-3 V1.4.1	Keyway Testing Technology Co., Ltd.	13KWE05599R
EN 300 220-1 V2.4.1 EN 300 220-2 V2.4.1	Keyway Testing Technology Co., Ltd.	13KWE05600R

Further Documents

EU Declaration of Conformity, 1 page, 2013-05-03.

Power of Attorney, 1 page, 2013-03-01.

Cover letter, 1 page, 2013-05-03.



Opinion on the Essential Requirements:

The basis of this Expertise is the Technical Construction File (TCF). If the TCF includes test reports issued by laboratories accredited to the standard ISO/IEC 17025, the test results of these reports are considered as a basis for the conformity assessment of the Notified Body.

Article 3.1a): Health and Safety:

- Conform

Article 3.1b): Electromagnetic Compatibility:

- Conform

Article 3.2: Effective Use of the Radio Spectrum:

- Conform

General Remarks:

- This conformity assessment is limited to the essential requirements of the R&TTE Directive. Only products fulfilling all essential requirements of all applicable new approach directives may be placed on the market and put into service. Products in compliance with all provisions of the applicable directives providing for the CE marking must bear this marking.
- The software and hardware may affect the compliance, therefore the software version and hardware shall be stated.
- The Technical Construction File should include all layers of the Parts Placement.
- The Technical Construction File should include all parts of the Parts List and Circuit Diagram.

