

Hersteller/Importeur - EG -Konformitätserklärung

Funktionsbeschreibung:

Die Funkzündanlagen dienen der ferngesteuerten elektrischen Auslösung von Pyrotechnischen Effekten.

Ein „**SYSTEM DBR01-XX**“ besteht immer aus einem Handsender (Fernbedienung) und mindestens einem Empfänger.

Die Fernbedienungen der Systemreihe **DBR01-XX** sind in Technisch Kompatibel mit allen Empfängern der Systemreihe **DBR01-XX** und unterscheiden sich lediglich in Form, Farbe oder Funktionsumfang.

Die Empfänger der Systemreihe **DBR01-XX** sind in Technisch Kompatibel mit allen Sendern der Systemreihe **DBR01-XX** und unterscheiden sich lediglich in Form, Farbe oder Funktionsumfang.

Durch einen verschlüsselten Funkimpuls mittels des Handsenders werden die an dem an dem angelernten Empfänger angeschlossenen Anzünder gezündet. Die Anzünder selbst sind nicht Bestandteil der Funkzündanlagen.

Die Fernbedienung wird nur aktiviert, wenn mindestens eine Taste gedrückt wird. Es handelt sich dabei um kurze Impulse mit einer Dauer von unter 0,5 Sek.

Hiermit erklärt der unten angegebene Hersteller bzw. Importeur, dass sich die Geräte der Systemreihe **DBR01-XX**, zu welchen zum derzeitigen Stand die folgenden Geräte gehören, in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinien 1999/5/EG und RoHS 2011/65/EU befinden.

Artikelbezeichnungen / Nummern **Systeme**: DB01r, DB02r, DB04r, db04r+z, db06r-6+z, db06r-12, db04r-12-lr, DBR01-X1-24, DBR01-X4-24, DBR01-X4-48

Artikelbezeichnungen / Nummern **Fernbedienungen**: DBR01-X, DBR06-14, DBR06-7

Artikelbezeichnungen / Nummern **Empfänger**: db01r_e, db02r_e, db04r_e, db06r_e

Die zu dieser Konformitätserklärung gehörigen Prüfberichte können auf Wunsch beim Hersteller oder dem Importeur unter der E-Mail-Adresse: info@pyrofeuer.de angefordert werden

Diese Erklärung wird verantwortlich abgegeben für den Importeur:

Mayer Martin
Unterbernbacherstr.14
86554 Schnellmannskreuth / Germany
Tel.: +49 (0) 8253 9978700

Hersteller:

Liuyang Happiness Firing System
Factory Handelsname : Smile Face
Fireworks NO.148, Lao Dong Zhong
Road Liuyang,HuNan,China

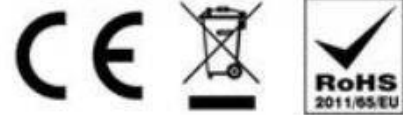
abgegeben durch:

Mayer Martin
Unterbernbacherstr.14
86554 Schnellmannskreuth / Germany
Schnellmannskreuth / Germany am 06.05.2019

Mayer Martin

Auf den Systemen (Sender und Empfänger) befinden sich folgende Label je nach System

Pyrofeuer - Mayer Martin
Unterbernbacherstr.14, 86554 Schnellmannkreuth
Deutschland Tel.: +49 (0) 8253/9978700
System: DBR01 - XX



Pyrofeuer - Mayer Martin
Unterbernbacherstr.14 , 86554
Schnellmannkreuth
Deutschland Tel: +49 (0) 8253/9978700

DB01r-4 - Funk Zündanlage
Empfänger benötigt 4 Stück AAA Batterie
Sender benötigt 1 Stück 12V/23A
BatterieFrequenz: 433MHZ
Reichweite ca. 80M - 100M



Hesteller:
Happiness Firing System
No.148, Mid-Lao Dong Road, Liuyang
Hunan, China



Pyrofeuer - Mayer Martin
Unterbernbacherstr.14 , 86554
Schnellmannkreuth
Deutschland Tel: +49 (0) 8253/9978700

DB06r-12 - Funk Zündanlage
Empfänger benötigt 6 Stück AA Batterie
Sender benötigt 1 Stück 9V Batterie
Frequenz: 433MHZ
Reichweite ca. 100M - 150M



Hesteller:
Happiness Firing System
No.148, Mid-Lao Dong Road, Liuyang
Hunan, China



Pyrofeuer - Mayer Martin
Unterbernbacherstr.14 , 86554
Schnellmannkreuth
Deutschland Tel: +49 (0) 8253/9978700

DB06r - Funk Zündanlage
Empfänger benötigt 6 Stück AA Batterie
Sender benötigt 1 Stück 12V/23A
BatterieFrequenz: 433MHZ
Reichweite ca. 100M - 150M



Hesteller:
Happiness Firing System
No.148, Mid-Lao Dong Road, Liuyang
Hunan, China





Shenzhen Toby Technology Co., Ltd.

1A/F, Bldg. 6, Yusheng Industrial Zone, The National Road, No. 107
Xixiang Section, 467, Xixiang, Bao'an, Shenzhen, Guangdong
Tel: (755) 26509301 Fax: (755) 26509195 www.tobytab.cn

CERTIFICATE OF CONFORMITY

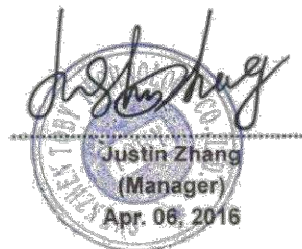
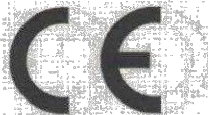
Certificate No.: TB160412426

Applicant : Liuyang Happiness Firing System Factory
Address : No. 148, Lao Dong Zhong Road, Liuyang, Hunan, China
Manufacturer : Liuyang Happiness Firing System Factory
Address : No. 148, Lao Dong Zhong Road, Liuyang, Hunan, China
Product : Wireless Firing System
Trade Name : Smile Face Fireworks
Model(s) : DB06r-6, DB06r-12, DB06r-24, DBR04-X6/6, DBR04-X6/24,
DBR04-X6/48, DBR04-X6/60, DBR01-X
Test Standard(s):

ETSI EN 301 489-1 V1.9.2: 2011;
ETSI EN 301 489-3 V1.6.1: 2013;
ETSI EN 300 220-1 V2.4.1: 2012;
ETSI EN 300 220-2 V2.4.1: 2012;
EN 62479: 2010;
EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013.

The EUT described above has been tested by us with the listed standards according to the Council Directive 2014/53/EU relating to radio equipment, and found in compliance with all essential requirements of the Directive. It is possible to use CE marking to demonstrate the compliance with the Radio Equipment Directive.

The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production. It is only valid in connection with the test report number: TB-EMC147512, TB-RF147513, TB-HEA147514 and TB-LVD147515.





Best Service of Testing
(since 1991)

EC-RED Certificate

No.: BST16065179A0003Y-1EC-1

Submitter : LIUYANG HAPPINESS FIRING SYSTEM FACTORY
No.148, Lao Dong Zhong Road, Liuyang, Hunan,China

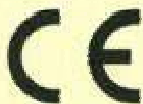
Manufacturer : LIUYANG HAPPINESS FIRING SYSTEM FACTORY
No.148, Lao Dong Zhong Road, Liuyang, Hunan,China

Product : Wireless Firing System
Trade name : Smile Face fireworks, Happiness Firing System
M/N : DB02r-4, DB02r-2, DB01r-4, DB01r-2

Essential requirement		Applied Specifications, Standards	Documentary Evidence	Result
Art.3.1(a)	Health	EN 62479	BST16065179A0003Y-1ER-10	Pass
Art.3.1(a)	Safety	EN 60950	BST16065179A0003Y-1SR-2	Pass
Art.3.1(b)	EMC	ETSI EN 301 489	BST16065179A0003Y-1ER-1	Pass
Art.3.2	Radio	ETSI EN 300 220	BST16065179A0003Y-1ER-7	Pass

The EUT described above has been tested by us with the listed standards and found in Compliance with the council RED directive 2014/53/EU. It is possible to use CE marking to demonstrate the compliance with this Directive.

The scope of evaluation relates to the submitted documents only.



Christine Deng
Manager
July 6, 2016

Shenzhen BST Technology Co.,Ltd.

Add: Building No.23-24, Zhiheng Industrial Park, Guankouer Road, Nanlou, Nanshan District, Shenzhen, Guangdong, China

Certificate Search: <http://www.bst-lab.com>, Tel:400-882-9628, 8009300305, E-mail:christina@bst-lab.com



Best Service of Testing
Since 2005

EC-RED Certificate

No.: BST16065179A0004Y-1EC-1

Submitter : LIUYANG HAPPINESS FIRING SYSTEM FACTORY
No.148, Lao Dong Zhong Road, Liuyang, Hunan,China

Manufacturer : LIUYANG HAPPINESS FIRING SYSTEM FACTORY
No.148, Lao Dong Zhong Road, Liuyang, Hunan,China

Product : Wireless Firing System

Trade name : Smile Face fireworks, Happiness Firing System

M/N : DB04r-4

Essential requirement		Applied Specifications, Standards	Documentary Evidence	Result
Art.3.1(a)	Health	EN 62479	BST16065179A0004Y-1ER-10	Pass
Art.3.1(a)	Safety	EN 60950	BST16065179A0004Y-1SR-2	Pass
Art.3.1(b)	EMC	ETSI EN 301 489	BST16065179A0004Y-1ER-1	Pass
Art.3.2	Radio	ETSI EN 300 220	BST16065179A0004Y-1ER-7	Pass

The EUT described above has been tested by us with the listed standards and found in Compliance with the council RED directive 2014/53/EU. It is possible to use CE marking to demonstrate the compliance with this Directive.

The scope of evaluation relates to the submitted documents only.



Christina Gong

Manager

July 6, 2016

Shenzhen BST Technology Co.,Ltd.

Add: Building No.23-24, Zhixing Industrial Park, Guankouer Road, Nantou, Nanshan District, Shenzhen, Guangdong, China

Certificate Search: <http://www.bst-lab.com> Tel:400-882-9629, 8009890305. E-mail:christina@bst-lab.com



Best Institute of Testing
since 1983

EC-RED Certificate

No.: BST16065179A0002Y-1EC-1

Submitter : LIUYANG HAPPINESS FIRING SYSTEM FACTORY
No. 148, Lao Dong Zhong Road, Liuyang, Hunan, China

Manufacturer : LIUYANG HAPPINESS FIRING SYSTEM FACTORY
No. 148, Lao Dong Zhong Road, Liuyang, Hunan, China

Product : Wireless Firing System

Trade name : Smile Face fireworks, Happiness Firing Sysyem

M/N : DBR04-2/12, DBR04-2/10, DBR04-2/8, DBR04-2

Essential requirement		Applied Specifications, Standards	Documentary Evidence	Result
Art.3.1(a)	Health	EN 62479	BST16065179A0002Y-1ER-10	Pass
Art.3.1(a)	Safety	EN 60950	BST16065179A0002Y-1SR-2	Pass
Art.3.1(b)	EMC	ETSI EN 301 489	BST16065179A0002Y-1ER-1	Pass
Art.3.2	Radio	ETSI EN 300 220	BST16065179A0002Y-1ER-7	Pass

The EUT described above has been tested by us with the listed standards and found in Compliance with the council RED directive 2014/53/EU. It is possible to use CE marking to demonstrate the compliance with this Directive.

The scope of evaluation relates to the submitted documents only.



CE



Christina Deng

Manager

July 6, 2016

Shenzhen BST Technology Co., Ltd.

Add: Building No.23-24, Zhilong Industrial Park, Guanikou Road, Nantou, Nanshan District, Shenzhen, Guangdong, China

Certificate Search: <http://www.bst-lab.com> Tel: +86-882-9528, 8989890, 305 E-mail: christina@bst-lab.com



Test Service of Testing
since 2003

EC-RED Certificate

No.: **BST16065179A0001Y-1EC-1**

Submitter : LIUYANG HAPPINESS FIRING SYSTEM FACTORY
No.148, Lao Dong Zhong Road, Liuyang, Hunan, China

Manufacturer : LIUYANG HAPPINESS FIRING SYSTEM FACTORY
No.148, Lao Dong Zhong Road, Liuyang, Hunan, China

Product : Wireless Firing System

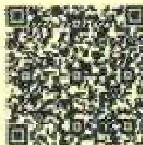
Trade name : Smile Face fireworks, Happiness Firing System

M/N : DBR04-4/12, DBR04-4/8, DBR04-12/24, OBR04-6/12

Essential requirement		Applied Specifications, Standards	Documentary Evidence	Result
Art.3.1(a)	Health	EN 62479	BST16065179A0001Y-1 ER-10	Pass
Art.3.1(a)	Safety	EN 60950	BST16065179A0001Y-1 SR-2	Pass
Art.3.1(b)	EMC	ETSI EN 301 488	BST16065179A0001Y-1 ER-1	Pass
Art.3.2	Radio	ETSI EN 300 220	BST16065179A0001Y-1 ER-7	Pass

The EUT described above has been tested by us with the listed standards and found in Compliance with the council RED directive 2014/53/EU. It is possible to use CE marking to demonstrate the compliance with this Directive.

The scope of evaluation relates to the submitted documents only.



Manager

July 6, 2016

Shenzhen BST Technology Co.,Ltd.

Ad2, Building No.23-24, Zhihong Industrial Park, GuanKouer Road, Nantou Nanshan District, Shenzhen, Guangdong, China

Certificate Search: <http://www.bst-lab.com> Tel:400-882-8528, 8009990305, E-mail:christina@bst-lab.com



Shenzhen Toby Technology Co., Ltd.

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Tel: 0755-26509301 Fax: 0755-26509195 www.toby-lab.cn

CERTIFICATE OF CONFORMITY

Certificate No.: TB13035163

Applicant : Liuyang Happiness Firing System Factory
Address : No. 148, Lao Dong Zhong Road, Liuyang, Hunan, China
Manufacturer : Liuyang Happiness Firing System Factory
Address : No. 148, Lao Dong Zhong Road, Liuyang, Hunan, China
Product : Wireless Firing System
Brand Name : Smile Face Fireworks
Model(s) : DB06r-6, DB06r-12, DB06r-24, DBR04-X676, DBR04-X6724,
DBR04-X6748, DBR04-X6760, DBR01-X

Test Standard(s):

2011/65/EU;
2006/66/EC;
IEC 62321: 2008.

The EUT described above has been examined by us with the listed standards and found in compliance with the Council RoHS Directive 2011/65/EU and Directive 2006/66/EC. It is possible to use RoHS marking to demonstrate the compliance with the RoHS Directive.

The test data obtained and the report issued by laboratories other than TOBY are provided by the applicant to us for data consolidation purpose. The report shall not be reproduced in part without written approval of us. It is only valid in connection with the test report number: TB-RoHS136800.

RoHS



Justin Zhang
(Manager)

Mar. 26, 2013



Shenzhen Toby Technology Co., Ltd.

1A/E, Bldg 6, Yusheng Industrial Zone, The National Road No. 107,
Xixiang Section 467, Xixiang, Bao'an, Shenzhen, Guangdong
Tel: 0755-26509301 Fax: 0755-26509195 www.tobylab.cn

CERTIFICATE OF CONFORMITY

Certificate No.: TB13127117

Applicant : Liuyang Happiness Firing System Factory
Address : No. 148, Lao Dong Zhong Road, Liuyang, Hunan, China
Manufacturer : Liuyang Happiness Firing System Factory
Address : No. 148, Lao Dong Zhong Road, Liuyang, Hunan, China
Product : Wireless Firing System
Brand Name : Smile Face Fireworks
Model(s) : DBR05-X1/20, DBR05-X1/10, DBR05-X1/48, DBR05-X1/96,
DBR05-X1/100, DB01r-1, DB01r-4, DB01r-8, DB01r-10, DB01r-12,
DBR05-X4/48, DBR05-X4/96

Test Standard(s)

2011/65/EU
IEC 62321:2008

The EUT described above has been examined by us with the listed standards and found in compliance with the Council RoHS Directive: 2011/65/EU. It is possible to use RoHS marking to demonstrate the compliance with the RoHS Directive.

The test data obtained and the report issued by laboratories other than TOBY are provided by the applicant to us for data consolidation purpose. The report shall not be reproduced in part without written approval of us. It is only valid in connection with the test report number: TB-RoHS139125.

RoHS



Justin Zhang
(Manager)
Dec. 19, 2013

TOBY

Shenzhen Toby Technology Co., Ltd.

10/F., A Block, Jiada R & D Bldg., No. 5 Songpingshan Road,
Science & Technology Park, Nanshan District, Shenzhen, China

CERTIFICATE OF CONFORMITY

No.: TB12083578

Applicant : Liuyang Happiness Firing System Factory
Address : No. 148, Lao Dong Zhong Road, Liuyang City, Hunan, China
Manufacturer : Liuyang Happiness Firing System Factory
Address : No. 148, Lao Dong Zhong Road, Liuyang City, Hunan, China
Product : Wireless Firing System
Models : DB04r, DB04r-8, DB04r-12, DB04r-24

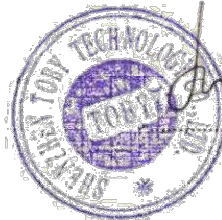
Test Standards:

2011/65/EU;
2006/66/EC;
IEC 62321:2008.

The EUT described above has been examined by us with the listed standards and found in compliance with the Directive 2011/65/EU and Directive 2006/66/EC. It is possible to use RoHS marking to demonstrate the compliance with this RoHS Directive.

The test data obtained and the report issued by laboratories other than TOBY are provided by the applicant to us for data consolidation purpose. The report shall not be reproduced in part without written approval of us. It is only valid in connection with the test report number TB-RoHS124740.

RoHS



Justin Zhang
(Manager)
Aug. 27, 2012

EMC TEST REPORT

Application No. : TB14109293
Applicant : Liuyang Happiness Firing System Factory
Equipment Under Test (EUT)
EUT Name : Remote controller
Model No. : DBR06-7
Serial No. : DBR06-7, DBR06-14
Brand Name : Smile Face Fireworks
Receipt Date : 2014-10-20
Test Date : 2014-10-20 to 2014-10-31
Issue Date : 2014-11-05
Standards : EN 55022: 2010 Class B
ETSI EN 301 489-1V1.9.2:2011
ETSI EN 301 489-3 V1.6.1:2013
EN 61000-4-2: 2009
EN 61000-4-3: 2006+A1: 2008+A2: 2010
Conclusions : **PASS**

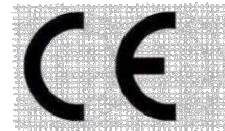
In the configuration tested, the EUT complied with the standards specified above. The EUT technically complies with the R&TTE Directive of 99/5/EC requirements.

Test/Witness Engineer :

WAA SD

Approved & Authorized :

Ray



This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in the report.