



# C E R T I F I C A T E

of Conformity

EC Council Directive 89/336/EEC  
as last amended by EC Directive 93/68/EEC  
Electromagnetic Compatibility

Registration No.: AE 50063163 0001

Report No.: 13004394 001

Holder: LG Electronics Inc.  
Changwon Plant 2  
76, Seongsan-dong, Changwon  
Gyeongsangnam-do 641-713  
Rep. of Korea

Product: Data Processing Device  
Remote Controller and Protocol Interface (for multi air conditioner)

Identification: Type Designations: PQCSWxyz0, PQNFGuvw0, PQNFPuvw0  
PMNFPuvw0, PHNFPuvw0, PSNFPuvw0  
u = 0 or 1, v = 0, 1 or 4, w = A or B  
x = 1 - 5, y = 01 - 08 or 0A  
z = A, B, C or D  
Serial Numbers: n.a. (prototypes)  
Classification: Class B ITE

Tested acc. to: EN 61000-3-2:2000  
EN 61000-3-3:1995+A1  
EN 55022:1998+A1+A2  
EN 55024:1998+A1+A2

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex III of Council Directive 89/336/EEC., in its latest amended version, referred to as the EMC Directive. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Article 10.1 of the Directive.

Cologne, 19.05.2005

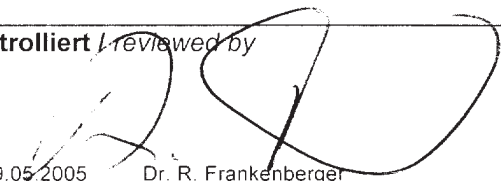
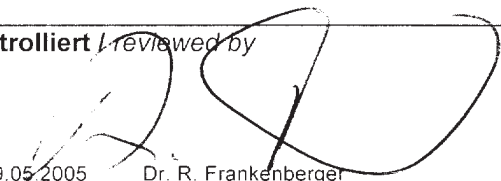


Certification Body

Dr. R. Frankenberger

TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln

CE The CE marking may only be used if all relevant and effective EC Directives are complied with. CE

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| <b>Prüfbericht - Nr.:</b> 13004394 001                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                      | Seite 1 von 23<br>Page 1 of 23                                                                                                    |                                                                                                                                            |
| <i>Test Report No.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                      |                                                                                                                                   |                                                                                                                                            |
| <b>Auftraggeber:</b><br><i>Client:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                       | LG Electronics Inc. Changwon Plant 2 Airconditioners OBU<br>76, Seongsan-dong, Changwon, Gyeongsangnam-do 641-713 R.O.K.             |                                                                                                                                   |                                                                                                                                            |
| <b>Gegenstand der Prüfung:</b><br><i>Test item:</i>                                                                                                                                                                                                                                                                                                                                                                                                                          | Remote Controller and Protocol Interface(for multi air conditioner)                                                                  |                                                                                                                                   |                                                                                                                                            |
| <b>Bezeichnung:</b><br><i>Identification:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                | PQCSWxyz0, PQNFGuvw0, PQNFPuvw0<br>PMNFPuvw0, PHNFPuvw0, PSNFPuvw0                                                                   | <b>Serien-Nr.:</b><br><i>Serial No.</i>                                                                                           | N/A(Prototypes)                                                                                                                            |
| <b>Wareneingangs-Nr.:</b><br><i>Receipt No.:</i>                                                                                                                                                                                                                                                                                                                                                                                                                             | N/A                                                                                                                                  | <b>Eingangsdatum:</b><br><i>Date of receipt:</i>                                                                                  | N/A                                                                                                                                        |
| <b>Prüfart:</b><br><i>Testing location:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                  | refer to section 2.1                                                                                                                 |                                                                                                                                   |                                                                                                                                            |
| <b>Prüfgrundlage:</b><br><i>Test specification:</i>                                                                                                                                                                                                                                                                                                                                                                                                                          | EN 61000-3-2:2000<br>EN 61000-3-3:1995+A1:2001<br>EN 55022:1998+A1:2000+A2:2003 Class B<br>EN 55024:1998+A1:2001+A2:2003             |                                                                                                                                   |                                                                                                                                            |
| <b>Prüfresultat:</b><br><i>Test Result</i>                                                                                                                                                                                                                                                                                                                                                                                                                                   | Der vorstehend beschriebene Prüfgegenstand wurde geprüft und entspricht oben genannter Prüfgrundlage.<br>The a. m. test item passed. |                                                                                                                                   |                                                                                                                                            |
| <b>erstellt / compiled by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>kontrolliert / reviewed by</b>                                                                                                    |                                                                                                                                   |                                                                                                                                            |
| <br>19.05.2005<br><b>Datum</b><br><i>Date</i>                                                                                                                                                                                                                                                                                                                                             | <br>Tag-Sun Park<br><b>Name</b><br><i>Name</i>    | <br>19.05.2005<br><b>Datum</b><br><i>Date</i> | <br>Dr. R. Frankenberger<br><b>Name</b><br><i>Name</i> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Unterschrift</b><br><i>Signature</i>                                                                                              |                                                                                                                                   | <b>Unterschrift</b><br><i>Signature</i>                                                                                                    |
| <b>Sonstiges / Other Aspects:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                      |                                                                                                                                   |                                                                                                                                            |
| u stands for 0 or 1, v stands for 0, 1 or 4, w stands for A or B, x stands for 1 to 5, y stands for 01 to 08 or 0A and z stands for A, B, C or D.<br><br>Model PQCSW502A0, PQNFG00A0, PQNFP00A0, PMNFP14A0, PHNFP14A0 and PSNFP14A0 were tested as representative for these six series model.                                                                                                                                                                                |                                                                                                                                      |                                                                                                                                   |                                                                                                                                            |
| Abkürzungen:<br>OK, Pass = entspricht Prüfgrundlage<br>Fail = entspricht nicht Prüfgrundlage<br>N/A = nicht anwendbar                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                      | Abbreviations:<br>OK, Pass = passed<br>Fail = failed<br>N/A = not applicable                                                      |                                                                                                                                            |
| <b>Dieser Prüfbericht bezieht sich nur auf den o.g. Prüfgegenstand und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b><br>This test report relates to the a. m. test item. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark on this or similar products. |                                                                                                                                      |                                                                                                                                   |                                                                                                                                            |
| Authorized format 16.12.1996, R.M.<br>TÜV Rheinland Product Safety GmbH · Am Grauen Stein · D - 51105 Köln · Tel.: +49 221 806-1371 · Fax: +49 221 806-3909<br>Mail: trps-certification@de.tuv.com · Web: <a href="http://www.tuv.com">www.tuv.com</a>                                                                                                                                                                                                                       |                                                                                                                                      |                                                                                                                                   |                                                                                                                                            |