



CERTIFICATE

No. 99:0002:596

NEC Home Electronics
686-1 Nishioi, Oi-machi
Ashigarakami-gun
Kanagawa 258
Japan

Product: 21" LCD colour
Brand name: NEC
Type /Model: LA-2141JMW (MultiSync LCD2110)
LCD panel: NEC NL160120AC27-01
Comments:

This document confirms the right to market the above-mentioned product as TCO'99 compliant in accordance with the agreement on environmental labelling dated July 8, 1994.

Date of issue: February 7, 2000

Jan Rudling
Managing director, TCO Development

Declaration of Conformity

We declare that the product
Color LCD Monitor
MultiSync LCD2110 (LA-2141JMW / -P) with AC-adapter A2440S01
is in conformity with

89/336/EEC-EMC Directive

- EN 61000-3-2 : Electromagnetic compatibility (EMC); Part 3: Limits; Section 2: Limits for harmonic current emissions (equipment input current $\leq 16A$ per phase).
- EN 61000-3-3 : Electromagnetic compatibility (EMC); Part 3: Limits; Section 3: Limits of voltage fluctuations and flicker in low-voltage supply systems for equipment with rated current $\leq 16A$ per phase.
- EN 55024 : Information technology equipment - Immunity characteristics - Limits and methods of measurement
- EN 55022 : Limits and methods of measurement of radio disturbance characteristics of information technology equipment

73/23/EEC-LVD Directive

- EN 60950 : Safety for information technology equipment including electrical business equipment.

EC conformity marking :



Manufacturer :

NEC Home Electronics, Ltd.
686-1, NISHIOI OI-MACHI, ASHIGARAKAMI-GUN
KANAGAWA 258-8533, JAPAN

Signature:

Date: January 18, 2000

Name: Shuichi Kino

EN61000-3, EN55024 and EN55022 were tested by ZACTA TECHNOLOGY CORPORATION.

- EN61000-3-2	Date: <u>January 17, 2000</u>	Ref. No.: <u>Z01C-00004</u>
- EN61000-3-3	Date: <u>January 17, 2000</u>	Ref. No.: <u>Z01C-00004</u>
- EN55024	Date: <u>January 17, 2000</u>	Ref. No.: <u>Z01C-00003</u>
- EN55022	Date: <u>January 17, 2000</u>	Ref. No.: <u>Z01C-00002</u>

EN60950 is certified by TÜV GS certification of TÜV Rheinland.

- EN60950 (Monitor)	Date: <u>January 13, 2000</u>	Certificate No.: <u>S1 2050051</u>
		Report No.: <u>E9962391E01</u>

Zertifikat Certificate



Zertifikat Nr. Certificate No.
S1 2050051

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Ihr Zeichen Client Reference
S.K.

Unser Zeichen Our Reference
00032-MAK/sot E9962391E01

Ausstellungsdatum Date of Issue
13.01.2000 (day/mo/yr)

Genehmigungsinhaber License Holder
NEC Home Electronics, Ltd.
Shonan Technical Center
686-1 Nishioi, Oi-machi
Ashigarakami-gun, Kanagawa 258-8533
JAPAN

Fertigungsstätte Manufacturing Plant
NEC Nagano, Ltd.

8060 Rokudobara, Misuzu
Ina-shi, Nagano 396-0111
JAPAN

Prüfzeichen Test Mark

Geprüft nach Tested acc. to



EN 60950:1992+A1+A2+A3+A4+A11
EK 1/59-98, EK 1/60-98
ISO 9241-3:1992
ISO 9241-7:1998
ISO 9241-8:1997

Der Anhang I der Richtlinie 73/23/EWG ist eingehalten. Das Zertifikat kann im Rahmen der Konformitätserklärung nach Anhang III verwendet werden.
Annex I of the directive 73/23/EEC is complied with. The certificate can be used in connection with the EC-declaration of conformity acc. to Annex III.

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

BILDSCHIRM (21 inches series Color LCD Monitor)

Bezeichnungen (Type Designations) : MultiSync LCD2110
LA-2141JMW
LA-2141JMW-P

10
2
2

Nennspannung (Rated Voltage) : DC 24V

Nennstrom (Rated Current) : 3,3A

Schutzklasse (Protection Class) : III

Konformitätsklasse ISO 9241-7 Polarität (Compliance Class) (Polarity)
LA-2141JMW : I (pos.), I (neg.)
LA-2141JMW-P : I (pos.), II (neg.)

ANLAGE (Appendix) : 1

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde. Das Zertifikat ist max. 5 Jahre gültig, gerechnet jeweils vom Ausstellungsdatum des letzten Blattes. Produkt und Fertigungsstätte erfüllen Par. 3 Abs. 1 und 4 des Gerätesicherheitsgesetzes. This certificate is based on our Testing and Certification Regulation. The certificate is valid for max. 5 years after the date of issue of the latest page. Product and production fulfill par. 3 Art. 1 and 4 of the German Safety Law.

TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln
Zugelassene Stelle nach Par. 9 Abs. 2 GSG, Registered Authority acc. par. 9 Art. 2 GSG

Zertifizierungsstelle

Dipl.-Ing. M. Borgmann



**THE CONSUMER PROTECTION
(SAFETY REQUIREMENTS) REGISTRATION SCHEME**



SAFETY AUTHORITY

GRANT OF APPROVAL AND REGISTRATION

Issued on behalf of the Director of Consumer Protection, Ministry of Trade and Industry, Singapore, by the Singapore Productivity and Standards Board, the Safety Authority, under the Consumer Protection (Safety Requirements) Regulations 1991 or any amendment Regulations thereto.

Issued to the following Grantee:

Mr Tetsuo Nishimura
NEC (S) Pte Ltd
No. 1 Maritime Square
#12-10
World Trade Centre
Singapore 099253

Ⓢ 3/11/99

Registration Number:

CPA NEC EAD 991761-00

Registration Date:

December 01, 1999

Expiry Date:

November 30, 2002

Description of Product:

AC Adaptor for use with LCD monitor rated 100-240 VAC, 50-60 Hz, 1.2-0.6 A, Class I

Output: 24 VDC 4 A

Trade Name : NEC

Model Number : A2440S01

On basis of the Test Report No.: 99NK10534-052199 (CB Test Certificate: US/3202/UL)

issued by: Underwriters Laboratories Inc., the product

described above has been considered as being in compliance with the safety requirements of
the Standard: IEC 60950: 1991 with Amendment 1, Amendment 2, Amendment 3 and

Amendment 4

and hence approved and entered into the Register of Approved Controlled Goods, pursuant
to the Consumer Protection (Safety Requirements) Regulations 1991.

Signed:


Michael Y S Ong
for Safety Authority

Zertifikat Certificate



Zertifikat Nr. Certificate No.
G 2050016

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Ihr Zeichen Client Reference
S.K.

Unser Zeichen Our Reference
00032- KE/sot E9962392E01

Ausstellungsdatum Date of Issue
13.01.2000 (day/month)

Genehmigungsinhaber License Holder
NEC Home Electronics, Ltd.
Shonan Technical Center
686-1 Nishioi, Oi-machi
Ashigarakami-gun, Kanagawa 258-8533
JAPAN

Fertigungsstätte Manufacturing Plant
NEC Nagano, Ltd.
8060 Rokudobara, Misuzu
Ina-shi, Nagano 396-0111
JAPAN

Prüfzeichen Test Mark



Geprüft nach Tested acc. to

MPR II: MPR 1990:8 / MPR 1990:10
ISO 9241-3:1992
ISO 9241-7:1998
ISO 9241-8:1997
2 PFG 1041/11.97

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

BILDSCHIRM (21 inches series Color LCD Monitor)

Bezeichnungen (Type Designations) : MultiSync LCD2110
LA-2141JMW
LA-2141JMW-P

10
2
2

Flachbildschirm (LCD Module) : NL160120AC27-01 (NEC)

Hinweis (Remark) : Geprüft mit (Tested with)
VESA 60Hz - 1600 x 1200, Large Font 12pt, 16bpp

Konformitätsklasse ISO 9241-7 Polarität (Compliance Class) (Polarity)
LA-2141JMW : I (pos.), I (neg.)
LA-2141JMW-P : I (pos.), II (neg.)

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Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

Zertifizierungsstelle



IEC SYSTEM FOR CONFORMITY TESTING
AND CERTIFICATION OF ELECTRICAL
EQUIPMENT (IECEE)
CB SCHEME

SYSTÈME CEI D'ESSAIS DE CONFORMITÉ
ET DE CERTIFICATION DES ÉQUIPEMENTS
ÉLECTRIQUE (IECEE)
METHODE OC

CB TEST CERTIFICATE CERTIFICAT D'ESSAI OC

Product

Produit

Name and address of the applicant

Nom et adresse du demandeur

Name and address of the manufacturer

Nom et adresse du fabricant

Name and address of the factory

Nom et adresse de l'usine

Rating and principal characteristics

Valeurs nominales et caractéristiques principales

Trade mark (if any)

Marque de fabrique (si elle existe)

Model/type Ref.

Ref. de type

Additional information (if necessary)

Information complémentaire (si nécessaire)

A sample of the product was tested and found
to be in conformity with

*Un échantillon de ce produit a été essayé et a été
considéré conforme à la*

as shown in the Test Report Ref. No.

which form part of this certificate

*comme indiqué dans le Rapport d'essais numéro
de référence*

qui constitue une partie de ce certificat

This CB Test Certificate is issued by the National Certification Body

Ce Certificat d'essai OC est établi par l'Organisme National de Certification



INTERNATIONAL ELECTROTECHNICAL
COMMISSION (IEC)
COMMISSION ELECTROTECHNIQUE
INTERNATIONALE (CEI)