

Declaration of Conformity

We declare that the product

Color LCD Monitor

MultiSync LCD1810 (LA-1831JMW-1 / -1BK) with AC-adaptor, 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: Nov. 24, 1999

Name: Shuichi Kino

EN61000-3-2, EN61000-3-3 and EN55024 were tested by TPS OHTAMA Co., Ltd..

EN55022 was tested by TDK CORPORATION.

- EN61000-3-2	Date: <u>Nov. 9, 1999</u>
- EN61000-3-3	Date: <u>Nov. 9, 1999</u>
- EN55024	Date: <u>Nov. 9, 1999</u>
- EN55022	Date: <u>Oct. 29, 1999</u>

Ref. No.: <u>TOEI0204</u>
Ref. No.: <u>TOEI0204</u>
Ref. No.: <u>TOES0494</u>
Ref. No.: <u>TDC-99-1004(4)</u>

EN60950 is certified by TÜV GS certification of TÜV Rheinland.

- EN60950 (Monitor)	Date: <u>Nov. 2, 1999</u>
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Certificate No.: <u>S 9850473</u>
Report No.: <u>E9860519Z05</u>

Zertifikat Certificate



Zertifikat Nr. Certificate No.
S 9850473

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Ihr Zeichen Client Reference
S.K.

Unser Zeichen Our Reference
00032-RUC/mts E9860519Z05

Ausstellungsdatum Date of Issue
02.11.1999 (day/month/year)

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
EK 1/59-98, EK 1/60-98
ISO 9241-3:1992
ISO 9241-7:1998
ISO 9241-8:1997

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

BILDSCHIRM (18.1 Inches Color LCD Monitor)

Ergänzungen (Additions)

Bezeichnungen : LA-1831JMW-1
(Type Designations) LA-1831JMW-1BK

1
1

Prüfgrundlagen : ISO 9241-3:1992, ISO 9241-7:1998
(Test Requirements) ISO 9241-8:1997

Änderung (Change)

Prüfgrundlagen : ZH 1/618/10.80
(Test Requirements) GS-VW-SG7/01/97
entfällt. (withdrawn)

Vermerk: Nur zur Verwendung mit NEC Netzgerät LA-2032-AC
oder Sanken Electric Netzgerät A2440S01.
(Remark: Only to be used with NEC AC-Adapter LA-2032-AC
or Sanken Electric AC-Adapter A2440S01.)

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 Product 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

Zertifikat Certificate



Zertifikat Nr. Certificate No.
G 9850475

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Ihr Zeichen Client Reference
S.K.

Unser Zeichen Our Reference
00032-RUC/mts E9860520Z07

Ausstellungsdatum Date of Issue
(day/mo/yr)
02.11.1999

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

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

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

BILDSCHIRM (18.1 Inches Color LCD Monitor)

Ergänzung (Addition)

Bezeichnungen : LA-1831JMW-1
(Type Designations) LA-1831JMW-1BK

1
1

Prüfgrundlage : ISO 9241-7:1998
(Test Requirement)

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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



THE CONSUMER PROTECTION
(SAFETY REQUIREMENTS) REGISTRATION SCHEME

GRANT OF APPROVAL AND REGISTRATION



SAFETY AUTHORITY

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

⑤ 3/15/99

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)

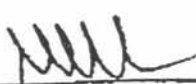
issued by: Underwriters Laboratories Inc., the product

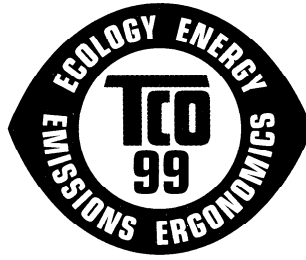
described above has been considered as being in compliance with the safety requirements of
the Standard: IEC 60950: 1991 with Amendment 1, Amendment 2, Amendment 3 and

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



CERTIFICATE

No. 99:9912:554

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

Product: 18" LCD colour
Brand name: NEC
Type /Model: MultiSync LCD1810
LCD panel: NEC NL128102AC28-01E
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: December 28, 1999

Martin Söderberg
Project Manager, TCO Development