

Declaration of Conformity

We declare that the product
Color LCD Monitor
MultiSync LCD1830 (LA-18S02 /-BK)
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
≤ 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 ≤ 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-Mitsubishi Electric Visual Systems Corporation
686-1, NISHIOI, OI-MACHI, ASHIGARAKAMI-GUN,
KANAGAWA 258-8533, JAPAN

Signature: 

Date: November 24, 2000

Name: Shuichi Kino

EN61000-3 E55024 and EN55022 were tested by ZACTA TECHNOLOGY CORPORATION.

- EN61000-3-2	Date: <u>November 9, 2000</u>	Ref. No.: <u>Z01C-00376</u>
- EN61000-3-3	Date: <u>November 9, 2000</u>	Ref. No.: <u>Z01C-00376</u>
- EN55024	Date: <u>November 9, 2000</u>	Ref. No.: <u>Z01C-00375</u>
- EN55022	Date: <u>November 9, 2000</u>	Ref. No.: <u>Z01C-00373</u>

EN60950 is certified by TÜV-GS certification of TÜV Rheinland.

- EN60950 (Monitor)	Date: <u>November 17, 2000</u>	Certificate No.: <u>S1 2051244</u>
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Zertifikat Certificate



Zertifikat Nr. Certificate No.
S1 2051244

Blatt Page
01

Ihr Zeichen Client Reference
S.K.

Unser Zeichen Our Reference
00060-MAK/mts E2062519E01

Ausstellungsdatum Date of Issue
17.11.2000 (day/mo/yr)

Genehmigungsinhaber License Holder
NEC-Mitsubishi Electric Visual
Systems Corp.
MS Shibaura Bldg.
4-13-23 Shibaura
Minato-ku, Tokyo 108-0023
JAPAN

Fertigungsstätte Manufacturing Plant
NEC Nagano, Ltd.

8060 Rokudobara, Misuzu
Ina-shi, Nagano 396-0198
JAPAN

Prüfzeichen Test Mark



Geprüft nach Tested acc. to

EN 60950:1992+A1+A2+A3+A4+A11
EK1-ITB 2000
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 (18 inches Color LCD Monitor)

Bezeichnungen (Type Designations)	: LA-18S02	12
	MultiSync LCD1830 (NEC)	2
	RDT183S (Mitsubishi)	2

Nennspannung (Rated Voltage) : AC 100-120V/220-240V, 50/60Hz

Nennstrom (Rated Current) : 0,8A/0,4A

Schutzklasse (Protection Class) : I

Konformitätsklasse ISO 9241-7 Polarität (Compliance Class) : I (pos.)
I (neg.)

ANLAGE (Appendix) : 1

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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

Dipl.-Ing. W. Nölke

Tel.: (+49/221) 8 06 - 13 71 Fax: (+49/221) 8 06 - 39 35 e-mail: Althoff@de.tuv.com

Zertifikat Certificate



Zertifikat Nr. Certificate No.
G 2051277

Blatt Page
01

Ihr Zeichen Client Reference
S.K.

Unser Zeichen Our Reference
00060- KE/mts E2062760E01

Ausstellungsdatum Date of Issue
30.11.2000 (day/mo/yr)

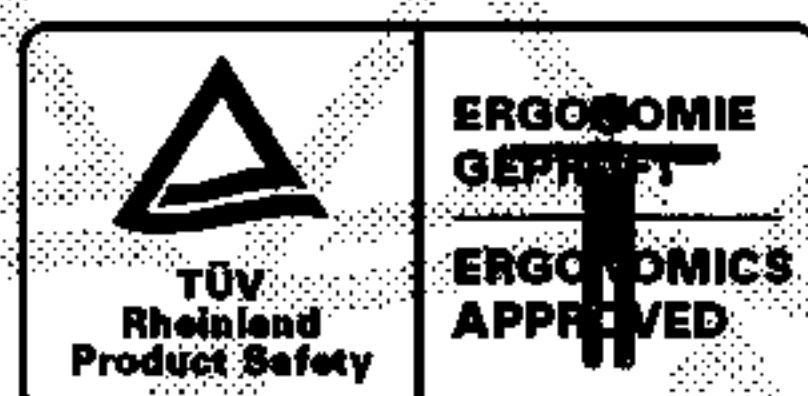
Genehmigungsinhaber License Holder
NEC-Mitsubishi Electric Visual
Systems Corp.
MS Shibaura Bldg.
4-13-23 Shibaura
Minato-ku, Tokyo 108-0023
JAPAN

Fertigungsstätte Manufacturing Plant
NEC Nagano, Ltd.

8060 Rokudobara, Misuzu
Ina-shi, Nagano 396-0198
JAPAN

Prüfzeichen Test Mark

Geprüft nach Tested acc. to



prEN 50279:1998
2 PFG 1041/12.99
ISO/FDIS 13406-2:2000

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

BILDSCHIRM (18 inches Color LCD Monitor)

Bezeichnungen (Type Designations)	: LA-18S02	6
	: MultiSync LCD1830 (NEC)	1
	: RDT183S (Mitsubishi)	1

Flachbildschirm (LCD Module) : LM181E1-K3MN (LG.Philips)

Klassifizierung (Classification)

nach (according to) ISO/FDIS 13406-2:2000

Betrachtungswinkel (Viewing Direction) : IV

Reflexion (Reflection) pos./neg. : I/I

Pixelfehler (Pixel Faults) : II

Design Azimuth/Inclination : 90°/0°

Strahlungskategorie (Emission Category) : A

Hinweise (Remarks) : geprüft mit (Tested with)
VESA 60Hz - 1280 x 1024, Large Font 12pt, 16bpp
Basis : GS-Zertifikat-Nr. (GS-license No.) S1 2051244

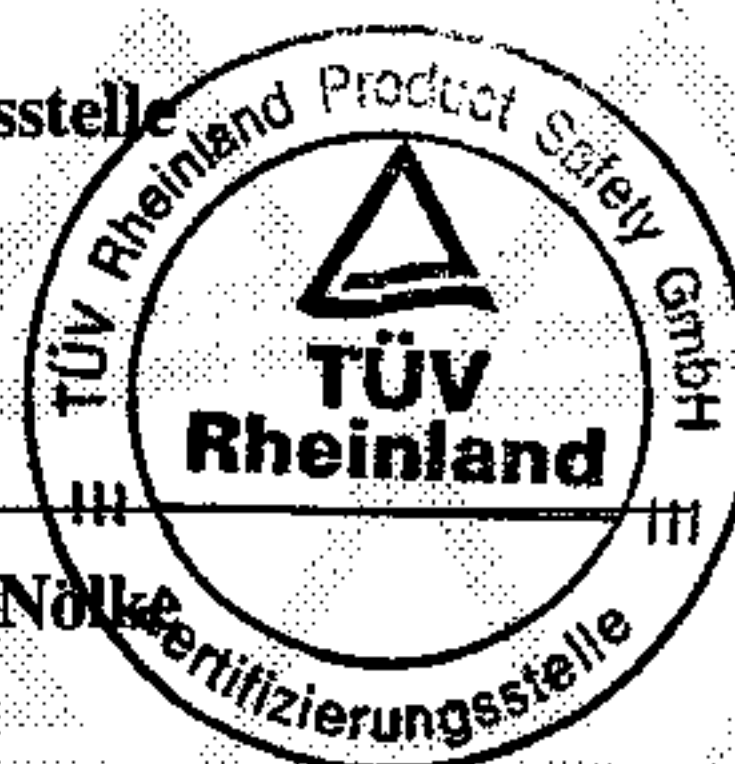
8

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.

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

Zertifizierungsstelle

W. Nölke



Dipl.-Ing. W. Nölke

Zertifikat Certificate



Zertifikat Nr. Certificate No.
R 2051245

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01

Ihr Zeichen Client Reference
S.K.

Unser Zeichen Our Reference

00060-MAK/mts E2063042E01

Ausstellungsdatum Date of Issue
17.11.2000 (day/mo/yr)

Genehmigungsinhaber License Holder

NEC-Mitsubishi Electric Visual
Systems Corp.
MS Shibaura Bldg.
4-13-23 Shibaura
Minato-ku, Tokyo 108-0023
JAPAN

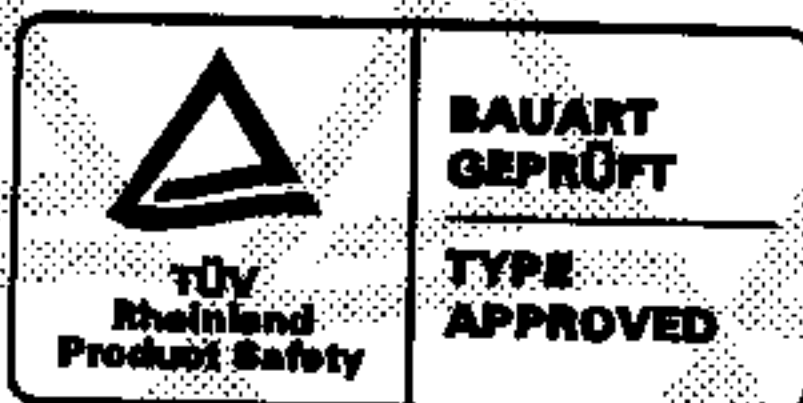
Fertigungsstätte Manufacturing Plant
NEC Nagano, Ltd.

8060 Rokudobara, Misuzu
Ina-shi, Nagano 396-0198
JAPAN

Prüfzeichen Test Mark

Geprüft nach Tested acc. to

EN 60950:1992+A1+A2+A3+A4+A11



Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

BILDSCHIRM (18 inches Color LCD Monitor)

Lizenzentgelte - Einheit
License Fee - Unit

Type Designation : AU-18S02 (NEC)

12

Rated Voltage : AC 100-120V/220-240V, 50/60Hz

Rated Current : 0.8A/0.4A

Protection Class : I

Remark : The unit must be installed in accordance
with the manufacturer's instructions.

ANLAGE (Appendix): 1

12



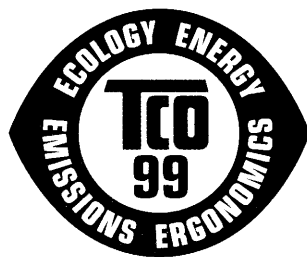
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Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product
fulfills above mentioned requirements, the production is subject to surveillance.

Zertifizierungsstelle

W. Nölke

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

Dipl.-Ing. W. Nölke



CERTIFICATE

No. 99:0012:994

**NEC-Mitsubishi Electric Visual Systems
Corporation**

4-13-23 Shibaura, Minato-ku

108-0023 Tokyo

Japan

Product: 18,1" LCD Colour

Brand name: NEC

Type /Model: MultiSync LCD1830
LG Philips LCD LM181E1 (K3MN)

LCD panel:

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 June 9, 2000.

Date of issue: December 4, 2000

Martin Soderberg

Project Manager, TCO Development

