# UL International Services Ltd. - Taiwan Branch

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## NOTICE OF AUTHORIZATION TO APPLY THE UL MARK

### TAIWAN OFFICE - July 9, 2002

TO:

Proview Electronics Co., Ltd. 6th Fl 1 Pau Sheng Rd Yung-Ho

Taipei Hsien Taiwan 234

Attention:

Mr. W. H. Chen

Our Reference:

File E134827 Project 02NK93712, 02NK93711

Product:

1. CRT Monitor, Model 786N, 986N, 572N, and AF7XX Employing the Alternate Power Supply Cord. 2. LCD Monitor, Model 5XX Employing the Alternate Enclosure Material, Power Adapter, Inverter. 3. LCD Monitor, Model 7XX Employing the Alternate Enclosure Material, Power Adapter, Invertor.

#### Gentlemen:

This letter is sent on behalf of Underwriters Laboratories Inc. pursuant to the Corporate Services Agreement between UL International Services Ltd. - Taiwan Branch and UL.

UL's Investigation of your products has been completed under the above project number and the subject products were determined to comply with the applicable requirements.

This letter temporarily supplements the UL Follow-Up Services Procedure and serves as authorization to apply the UL and C-UL Listing Marks only at the factory under UL's Follow-Up Services Program to the subject products which are constructed as described below:

- 1. Similar to CRT Monitor, Model 786N, 986N, 572N, and AF7XX covered in the UL Follow-Up Services Procedure, File E134827, Volume 1, Section 42, except for employing the alternate power supply cord, see temporary procedure attached (Total 2 pages)
- 2. Similar to LCD Monitor, Model 5XX covered in the UL Follow-Up Services Procedure, File E134827, Volume 1, Section 43, except for employing the alternate components, see temporary procedure attached (Total 7 pages).
- 3. Similar to LCD Monitor, Model 7XX covered in the UL Follow-Up Services Procedure, File E134827, Volume 1, Section 44, except for employing the alternate components, see temporary procedure attached (Total 5 pages).

To provide the manufacturer with the intended authorization to use the UL Marks, the addressee must send a copy of this Notice and all attached material to each manufacturing location as currently authorized in File E134827, Volume 1.

This authorization is effective for 90 days only from the date of this Notice and only for products at the indicated manufacturing locations. Records in the Follow-Up Services Procedure covering the products are now being prepared and will be sent to the indicated manufacturing locations in the near future. Please note that Follow-Up Services Procedures are sent to the manufacturers only unless the Applicant specifically requests this document,

Products that bear the UL Mark shall be identical to those that were evaluated by UL and found to comply with UL's requirements. If changes in construction are discovered, appropriate action will be taken for products not in conformance with UL's requirements and continued use of the UL Mark may be withdrawn.

Very truly yours,

Jay Hsu (Ext. 62236)

Engineer

Conformity Assessment Services, 3000ATPI

An affiliate of

Underwriters Laboratories Inc.

Reviewed by:

Frank Liu (Ext. 62170) Project Engineer

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Conformity Assessment Services, 3000ATPI An independent,

not-for-profit organization testing for public safety

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Issued: 10-31-01

Revised: 07-19-02

DESCRIPTION

PRODUCT COVERED:

UL/CUL

LCD Monitor, Models 5XX where X may be any alphanumeric character

or blank.

ELECTRICAL RATE

Input

Model 5XX

Current

12 V d

ENGINEERING CONSIDERATIONS (NOT EFFICE REPRESENTATIVE'S USE):

Special Considerations - The following items are considerations that were used when evaluating this product.

USL/CNL indicates investigation to the U.S. and Canadian (Bi-National) Standard for Safety of Information Technology Equipment, Including Electrical Business Equipment, CAN/CSA C22.2 No. 950 \* U. 1950, Third Edition, including Revisions through revision date January 31, 2001, which are based on the Fourth Amendment to IEC 60950 Second Edition.

The equipment was submitted and tested for a making manufacturer's recommended ambient (Tmra) of 40°C.

The equipment is considered movable, Class III (supplied by SELV).

Limited Current Circuits: The following accessible locations are part of a limited current circuits:

Location

Secondary side of inverter

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## ALTRNATE ENCLOSURE FOR LCD MONITOR MODEL 5XX - FIG. 3

General - Fig. 3 illustrates the overall view of alternate Enclosure for Model 5XX. The general design, shape and arrangement shall be as illustrated except where variations are specifically described.

Enclosure Two pieces construction, molded of (QMFZ2), as shown in Fig. 3, rated min. overall measured 403 by 300 by 55 mm, 1.5 mm thick minimum.

Ventilation Openings - Provided with numerous openings on the rear, each opening measured 155 mm, location as shown in Fig. 3.

Base - Material same as enclosure, the figure of conical, overall 240 by 145 by 185 mm high, sedured to enclosure by screws. Provided with weight, riveted onto base, to meet the straight requirement.

ALTRNATE ENCLOSURE FOR ADMINIOR MODEL 5XX - FIG. 5 and FIG. 6

General - Fig. 5 & 6 illustration to rall view of alternate Enclosure for Model 5XX. The general design, shape an adjustent shall be as illustrated except where variations are specifically described.

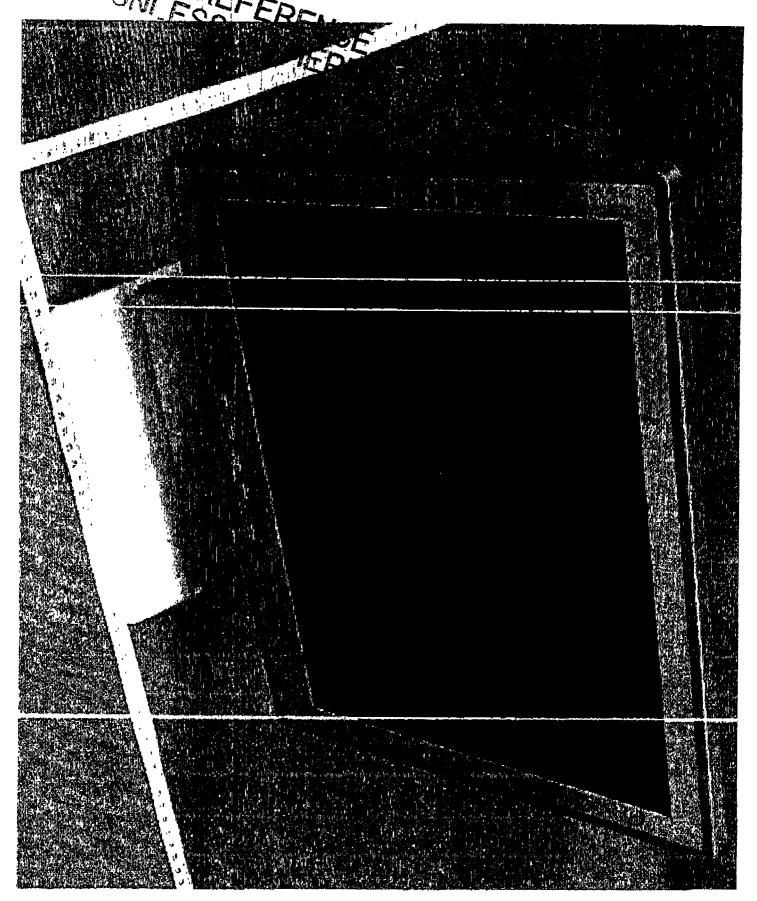
Englosure - Two pieces construction, molded of (OMFZ2), as shown in Fig. 5 & 6, rated minimum HB for front enclosure and alumnium alloyed for rear enclosure, overall measured 352 by 288 By 53 4 mm, 1 mm thick minimum.

Base - Material same as rear enclosure, the floare of conical, overall 201 by 150 by 220 mm high, secured to enclosure by chick a metal plate overall 92.4 by 90.2 by 7.2 mm which screws to enclosure. The base provided with weight 0.49 kg, to meet the stability requirement.

Speaker enclosure - Two pieces construction, molded of (QMF22), as shown in Fig. 5 & 6, alumnium alloyed for rear enclosure, overall measured 42.8 by 27.7 by 201.0 mm, 1 mm thick minimum. Secured by clip to bottom of the unit.

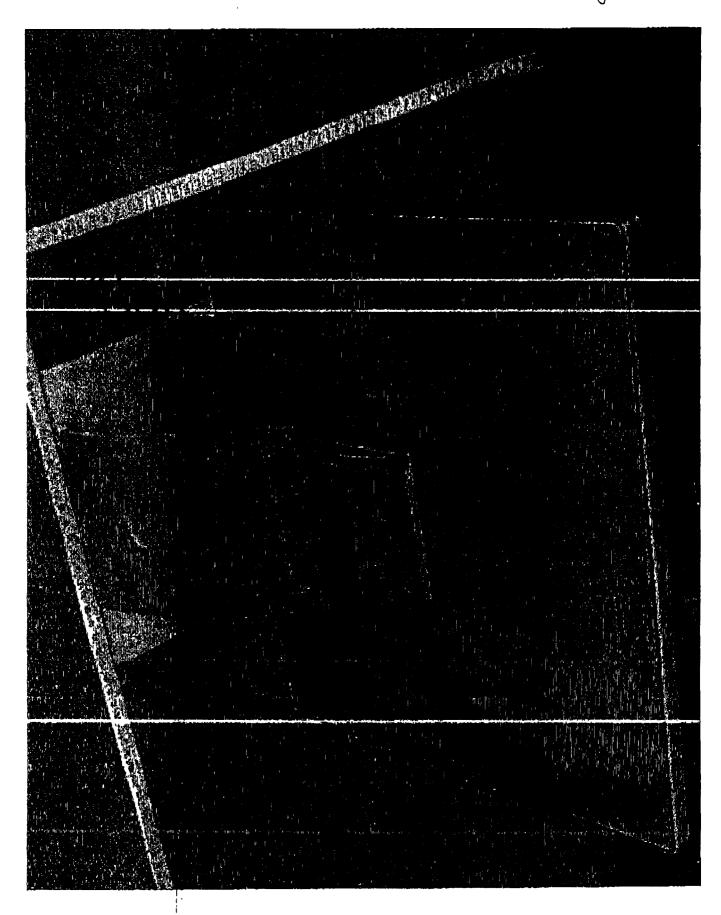
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ALTRNATE ENCLOSURE FOR LCD MONITOR MODEL 5XX - FIG. 4

General - Fig. 4 illustrates the overall view of alternate Enclosure for Model 5XX.

Enclosure Two pieces construction, molded of (QMFZ2), as shown in Fig. 4, rated min. Land measured 380 by 330 by 50.5 mm, 1.5 mm thick minimum.

Ventilation openings Provided with numerous openings on the rear, each opening measured 20.1 2.0 mm, location as shown in Fig. 4.

Base - Material same as enclosure, the figure of conical, overall 200 by 200 by 130 mm high, secured to enclosure by screws. Provided with weight, riveted onto base, to meet the stability requirement.

## INVERTER ASSEMBLE FOR MODEL 5XX

General The inverter assembly of LCD display employs the entities!

Capacitors (C14, C15) - Rated 22 In Miv.

Transformers (PT1, PT2) Constructed as follows:

A. Core Ferrite, open type, each measure 14.7 by 19.7 by 4.5 mm.

B. Bobbin Phonolic, nine-flange type, minimum 0.3 mm thick.

C.Windings (OBMW2), rated minimum 130°C, palyalethane covered copper wire, winding information given below:

<u>Winding</u>	- Diamoter (mm) by No. of Wires	o. of Turno
		<u> </u>
Pin-1-6		<del>3</del>
- Pin 2-4	0.27 by UEW	
-Pin 5-3	0.27 by UEW	
Pin 8-9	0.05 by UEW	1530
1 1 1 0 J	0.03 54 05%	

Alternate Invertor Assembly - P/N L0067A is identical to L0067 except for model designation.

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INVERTER ASSEMBLY FOR MODEL 5XX, SAMPO CORPRATION, P/N L0067

General - The inverter assembly of LCD display employs the critical components as follows:

Capacitors (C14, C15) - Rated 22 pF, 3 kV.

Transformers (PT1, PT2) - Constructed as follows:

Core, Trite, open type, each measured 14.7 by 19.7 by 4.5 mm.

Bobby Prenolic, nine-flange type, minimum 0.71 mm thick.

Windings (DB), rated maximum 130°C, polyurethane covered copper wire, winding mation given below:

Winding	Diameter (mm) by No. of Wires	No. of Turns
Din 1 6		
Pin 1-6	I I DEW	3
Pin 2-4	UEW UEW	9
Pin 5-3	b. 7	9
Pin 8-9	0.05 THE TIEN	1520

Alternate Inverter Assembly - P/N Los Ass identical to L0067 except for model designation.

ALTERNATE INVERTER ASSEMBLY FOR MODEL 5XX (SAMPO CORPRATION, P/N 13/35)

General - The inverter assembly of LCD display employs the critical components as follows:

Capacitors (C12, C13) - Rated 22 pF, 3 kV.

Printed Wiring Board - See Section General for details. See ILL. 1 for trace layout.

Transformers (PT1) -Open type construction as follows:

Core - Ferrite, open type, each measured 27 by 20 by 4.3 mm.

Bobbin - LCP, ten-flange type, minimum 0.3 mm thick, maximum 130°C.

Windings - (OBMW2), rated maximum 130°C, polyurethane covered copper wire, winding information given below:

Winding	Diameter (mm) by No. of Wires	No. of Turns
Pin 1-6	0.40 by UEW	3
Pin 2-4	0.50 by UEW	10
Pin 5-3	0.50 by UEW	10
Pin 8-9	0.06 by UEW	1920

