



SLS-1PCC
Powered Loudspeaker
UNIT

Handbook

Television Systems Limited.
Vanwall Road, Maidenhead, Berkshire, SL6 4UB
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EC DECLARATION OF CONFORMITY

Application of Council Directives Nos:

EC Low Voltage Directive (73/23/EEC)(OJ L76 26.3.73)(LVD).

Amendment: (93/68/EEC) (OJ L220 30.8.93).

Conformity Standards Declared:

EN 60950

EMC Directive: 89/336/EEC, Amended 92/31/EEC.

Conformity Standards Declared:

EN 50081-1: 1992- EMC- Generic Emissions, Part 1.

EN 50082-1: 1997- EMC- Generic Immunity, Part 1.

EN61000-3-2: 1995- Current Harmonic Emissions.

EN61000-3-3: 1995- Voltage Fluctuations & Flicker.

Manufacturer's Name: Television Systems Ltd
Manufacturer's Address: Vanwall Road
Maidenhead
SL6 4UB
England
United Kingdom

Type of Equipment: Loudspeaker Unit

Model No: SLS-1PCC

Part Number: TSLP- SLS-1PCC

Date CE Mark Affixed: 8/9/05

I, the undersigned, declare that the equipment specified above conforms to the quoted Directives and Standards.

Place: Maidenhead, England

Signature: _____

Date: _____

Print: R CHAMBERS

Position: PRODUCT MANAGER

SAFETY

Installation.

Unless otherwise stated TSL equipment may be installed at any angle or position within an operating temperature range of 5° - 30° C .

All TSL equipment conforms to the EC Low Voltage Directive:

EC Low Voltage Directive (73/23/EEC)(OJ L76 26.3.73)(LVD). Amendment: (93/68/EEC) (OJ L220 30.8.93).

In all cases the frame of the equipment must be earthed on installation.

The earth pin on the IEC mains inlet connector is connected to the metal frame of the equipment, to 0 volts on the internal DC PSU and to signal ground, unless otherwise stated. All metal panels are bonded together.

Check that the voltage selector setting (if fitted) and the fuse rating is correct for the local mains supply.

WARRANTY, MAINTENANCE AND REPAIR

All TSL equipment is guaranteed for one year from the date of delivery to the customer's premises. If the equipment is to be stored for a significant period, please contact TSL concerning a possible extended warranty period.

Failure during warranty

If any TSL product should fail or become faulty within the warranty period, first please check the PSU fuses.

All maintenance work must be carried out by trained and competent personnel.

If equipment has to be returned to TSL for repair or re-alignment, please observe the following overleaf:

TSL Returns Procedure

Please telephone +44 (0)1628 676200 (Fax: +44 (0)1682 676299) and ask for Sales who will provide a Returns Number. This will enable us to track the unit effectively and will provide some information prior to the unit arriving.

For each item, this unique Returns Number must be included with the Fault Report sent with the unit.

A contact name and telephone number are also required with the Fault Report sent with the unit.

Fault report details required.

- Company:
- Name:
- Address:
- Contact Name:
- Telephone No:
- Returns Number:
- Symptoms of the fault (to include switch setting positions, input signals etc):

Packing

Please ensure that the unit is well packed as all mechanical damage is chargeable. TSL recommends that you insure your equipment for transit damage.

The original packaging, when available, should always be used when returning equipment..

If returned equipment is received in a damaged condition, the damage should be reported both to TSL and the carrier immediately.

YEAR 2000 CONFORMITY REQUIREMENTS

This product conforms to the following rules:

- | | |
|--------|--|
| Rule 1 | No value for the current date will cause any interruption in operation. |
| Rule 2 | Date based functionality will behave consistently for dates prior to, during and after the Year 2000. |
| Rule 3 | In all interfaces and data storage, the century in any date is specified either explicitly or by unambiguous algorithms or by inferencing rules. |
| Rule 4 | The Year 2000 is recognised as a leap year. |

Contents

- 1.0 Introduction**
- 2.0 Front Panel Controls**
- 2.1 Input Switch**
- 3.0 Rear panel controls**
- 3.1 LF adjust**
- 3.2 Pin out details**
- 3.21 XLR Connectors**
- 4.0 General Notes**
- 5.0 Specifications**

1.0 Introduction

The SLS-1CC is a 1RU x 270mm deep Loudspeaker Unit with two stereo or independent channel monitoring.

The following features are standard:

- Two switch selectable stereo analogue inputs.
- Independent channel monitoring option
- 20 Watt RMS.
- Headphone output with LS muting.
- 12V DC input.

2.0 Front Panel Controls

2.1 Input Selection Switch

Channel Analogue I/Ps. A1 (Left Channel) is fed to the left speaker and A2 (Right Channel) is fed to right speaker.

Stereo/ left volume Control Allows the audio level to be varied.

Stereo/ Right volume Control switch In independent channel monitoring mode, that is when the **Right** hand control is switched **ON**, the control becomes a **Volume control** for the right hand channel.

3.0 Rear Panel Controls

3.1 LF Adjustment

This allows the amount of low frequency present on the monitored signal to be altered according to the installation acoustics.

3.2 Pin-out Details

3.2.1 Analogue XLR-3 Connectors

XLRS	PIN	FUNCTION
ANALOG 1	1	GND
ANALOG 1	2	1 IN+
ANALOG 1	3	1 IN-
ANALOG 2	1	GND
ANALOG 2	2	2 IN+
ANALOG 2	3	2 IN-

4.0 Notes

Output analogue levels are adjustable over the following range:

0dBm = 0.775V into 600Ω i.e. 1mW power dissipation.

0dBu = 0.775V RMS = PPM 4.

Please note that some American equipment has the function of the XLR pins 2 & 3 reversed.

TSL product is wired to the European standard.

5.0 SLS-1PCC Technical Specifications

Power Supply

Supply Voltage	12V DC
Power Consumption	Less than 30 watts.

Physical Dimensions

Height	44mm (1RU)
Width	483mm (19")
Depth	270mm
Weight	6 kg

Analogue Inputs 1 - 2

Connector Type	XLR Female 3 pin. Pin 1 Gnd, Pin 2 hot, Pin 3 cold.
Signal	Balanced line level audio.
Frequency Response	30Hz to 25kHz
Impedance	>20k Ω

Headphone Output.

Connector	Stereo Jack socket type A
Impedance	50 Ω
Output Levels	Through level control with 0dB gain.

Performance

Response 80Hz to 20KHz

Electrical Distortion Better than 0.1%

Hum and noise Better than -80dB

SPL >98dB at 0.6 m

Power Output 20 watts