

Important Safety Precautions

- Use only an approved power cable and plug or distribution board to connect your amplifier to a power outlet. Do not use an extension cable.
- Never touch the mains plug if your hands are wet.
- Do not attempt to open the equipment. Refer servicing and repair to qualified service personnel. Touching live components inside the case can result in a fatal electrical shock!
- Read the Owner's Manual and Safety Precautions before operating the equipment.
- Keep this Manual in a safe place so that you can refer to it later.
- Please heed all warnings on the equipment itself and in the Owner's Manual.
- Please follow the instructions contained in your Owner's manual and never use this equipment for any purpose other than is explained in this Owner's Manual.
- Only connect this equipment to a power source of the type described in the Owner's Manual and specified for this equipment.
- Make sure that there is adequate ventilation around the equipment to allow proper cooling. Keep the equipment away from direct sunlight. Avoid installing the unit close to sources of heat or in spaces such as bookshelves or cupboards where heat radiation may be obstructed. Avoid excessive temperatures in the room, as these could ultimately damage sensitive components and reduce the service life of your player.
- Never use the unit in damp rooms, at temperatures of below 15°C, or in the open air. When bringing your amplifier in from the cold, allow it time to achieve room temperature before plugging it in.
- Always switch the unit off before removing or inserting interconnects. Doing this with the amplifier switched on can damage not only the amplifier itself but also equipment connected to it.
- If you ever spill water or any other liquid onto the equipment: Do not touch the case! Remove the plug from the wall outlet and contact your dealer or our service department.
- Never remove the earth connection from the plug. It is there to ensure your safety.
- Arrange the power cable so that no one can accidentally stand on it. Avoid locating it under objects that might put pressure on the cable. Pay particular attention to areas where the cable exits from plugs, AC outlets and from the unit itself.
- Never operate the unit without being present. Disconnect the plug from the wall outlet and remove all aerial connections (including cable aerials) when: you clean the unit, you do not expect to use the unit for long periods of time, during an electrical storm.
- If you have an external antenna or cable antenna connected to your hi-fi system, we recommend that you use a signal isolating filter to avoid interference or damage during thunderstorms.
- Problems: If you lose the sound while the amplifier is operating, or if you notice smoke or burning, switch the unit off immediately and contact your dealer or our service department.
- Only replace defective fuses after you have traced and removed the cause of the fault and then only with a fuse of the same rating. Remove the mains plug before changing fuses. Use an insulated screwdriver to remove and replace the fuse.

Dear Music Lover,

Congratulations on becoming the owner of this new Integrated Amplifier. The 885 is an exclusive high-end audio component, built in Germany in limited quantities.

Our team designed this integrated amplifier to the highest standards so that you could enjoy the highest level of audio reproduction. Because we use only the finest components and the most modern production technologies, we confidently guarantee that our products will retain their superb qualities for many years.

Keep the carton and packaging materials that your 885 came in. They will protect your integrated amplifier should you need to transport it in the future. Transporting the 885 in anything other than the original packaging may result in physical damage not covered by your warranty.

A final note: Please take the time to read this Owner's Manual before using the equipment for the first time. It contains a number of useful tips gathered from our many years of experience, which will help you get the most from your hi-fi system.

Copyright and trade mark acknowledgements

This manual is provided for informational use only. Its content is subject to change without notice and should not be construed as a commitment on the part of Lindemann audiotechnik GmbH. The publisher assumes no responsibility or liability for any errors or inaccuracies that may appear in this manual.

Copyright and trademark information

Copyright © 2011 Lindemann audiotechnik GmbH. All rights reserved.

No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical or otherwise, without the prior written permission of the publisher.

Table of Contents

Copyright and trade mark acknowledgements	3
Table of Contents	4
Accessories supplied	4
Front view	6
Rear view	8
Remote control	10
Using the 885 for the first time	11
Basic amplifier controls	12
Switching on and off	12
Input select	12
Adjusting the volume	13
Balance	13
Mute	13
Speakers	13
Cooling	14
Protection circuits	14
Configuration menu	15
Balance	16
Volume Display	16
Max. Volume	16
Mute level	16
Display Brightness	16
Reset to default (factory settings)	16
Inputs	17
Name (input name)	17
Enable (activating inputs)	17
Link Mode	17
Troubleshooting	18
Specifications	19
CE declaration of conformity	20
Guarantee and Service	21
Directive on waste electrical and electronic equipment	22

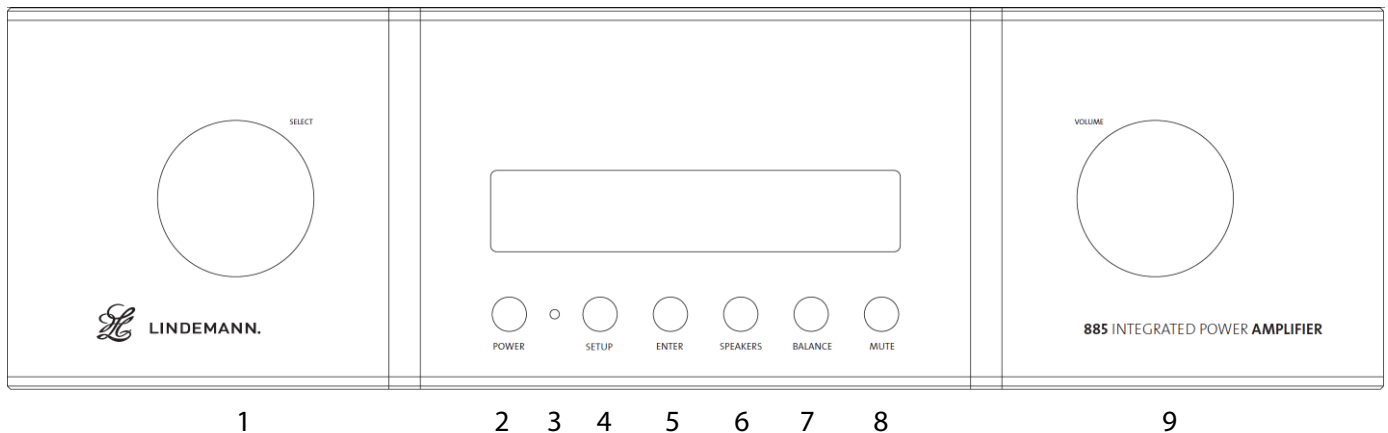
Accessories supplied

- 885 Integrated Power Amplifier
- System remote control
- Power cable, 2 metres
- SYSCOM cable, 1 metre
- Owner's Manual

We recommend that you keep the packaging for use when transporting the 885 in the future.

- Place your integrated amplifier on a stable support and use a spirit level to make sure it is perfectly level. We recommend the use of a solidly constructed hi-fi rack with adjustable shelves. In our experience, you will achieve good results with racks using MDF shelves. Glass, metal or stone being less suitable for use as hi-fi equipment supports. Avoid placing the integrated amplifier close to loudspeakers or any other source of vibration. The 885 will respond to these measures by performing at its best. Never stack the 885 directly on other items of equipment. Vibrations from mains transformers and electro-magnetic interference from other components can have a negative impact on the integrated amplifier's sound quality. 800 series products are not suitable for installation in enclosures such as 19" racks or cabinets. The on/off switch at the rear of the unit must always be accessible.
- Take some time to organize your cabling. Try to keep power cables away from interconnect and speaker cables. The included SYSCOM cable is used to connect all other components to the 885. Warning: never connect the amplifier to any non compatible equipment like telephones or computers. Doing so might destroy all connected components.
- Make sure that the polarity of the mains wiring is the same for all system components. You can achieve this by connecting all system components through a **single** high quality mains distribution board. The lower the contact resistance between the power outlets of your signal source and your integrated amplifier, the less the audio signal will be polluted and the better your hi-fi system will sound. Connecting your components with the correct mains polarity is particularly important. Use a phase tester to determine which pole is live. Mark the appropriate side.
- Cleaning and maintenance: To clean your integrated amplifier, use a soft cloth. Use a proprietary glass cleaner to remove stubborn dirt from the front panel. Do not use water! Never use solvents or white spirit. These will cause irreparable damage to the surface of the unit.

Front view



1	Input Select	6	Speakers
2	Power	7	Balance
3	Standby LED	8	Mute
4	Setup	9	Volume Control
5	Enter		

Input selector

Turn this knob to select the source you require. The operation of the input selector is described in more detail under **Basic Amplifier Controls - Input selector**.

The input selector is the equivalent of the *LEFT/RIGHT* buttons on the remote control.

Power

Press the *POWER* button to turn the unit on and off. The 885 must be connected to the mains, with the power switch on the rear panel in the 'on' position (position I).

Standby LED

When you switch the 885 on using the power switch on the rear panel, the unit initially enters its standby mode and the standby LED illuminates. As soon as the 885 is ready for use, the standby LED extinguishes and the display becomes active. When you switch the integrated amplifier off, the LED flashes for approximately 5 seconds, during which time you cannot switch the unit back on again.

Setup

This button opens the configuration menu and provides access to the more advanced integrated amplifier functions. To quit, press the *SETUP* button repeatedly until the standard display reappears.

Enter

Confirm your input. This is the equivalent of the *OK* button on the remote control.

Speakers

Control the speaker outputs. You will find a description of how to adjust the speaker outputs in **Configuration menu – Speakers**.

Balance

Adjust the soundstage balance. To quit the balance menu, press the *BALANCE* button a second time.

You will find a description of how to adjust the balance in **Configuration menu – Balance**.

Mute

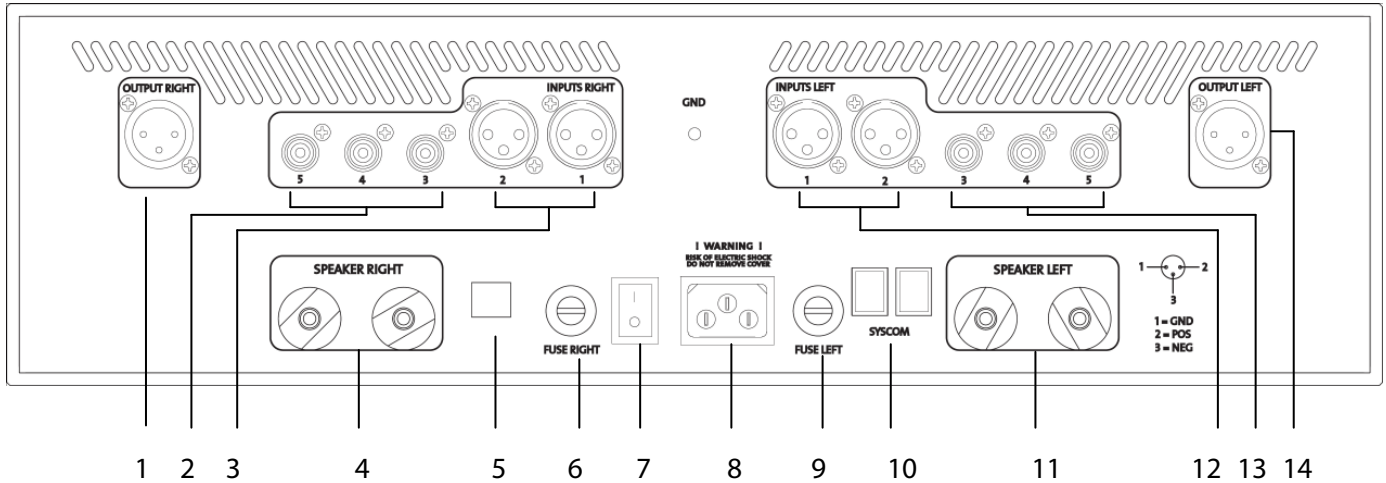
Select the mute function. To cancel muting, press the *MUTE* a second time, or alter the volume.

Volume control

The volume control knob adjusts the listening volume. Turning the knob clockwise increases the volume.

The volume control is the equivalent of the *UP/DOWN* buttons on the remote control.

Rear view



- | | | | |
|---|-----------------------------|----|------------------------|
| 1 | Analog output XLR right | 8 | AC power socket |
| 2 | Inputs 3-5 RCA right | 9 | Fuse left |
| 3 | Inputs 1-2 XLR right | 10 | SYSCOM |
| 4 | Speaker terminals right | 11 | Speaker terminals left |
| 5 | USB port (maintenance only) | 12 | Inputs 1-2 XLR left |
| 6 | Fuse right | 13 | Inputs 3-5 RCA left |
| 7 | Power (on/off) switch | 14 | Analog output XLR left |

Analog inputs

The 885 is equipped with both balanced (XLR) and unbalanced (RCA) analog inputs. Connect the outputs from your source equipment to the appropriate inputs on your integrated amplifier.

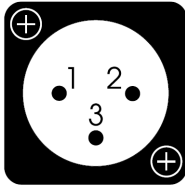
Make sure that the plugs are a snug fit! Poorly fitting RCA plugs can detract considerably from the sound quality of your hi-fi system. Use gold-plated plugs whenever possible, as these have the lowest contact resistance.



- Pin 1: Ground
- Pin 2: Signal +
- Pin 3: Signal -

Analog outputs

The 885 is equipped with a volume controlled balanced (XLR) output, level adjusted at the factory to match power amplifiers with a gain of 26dB. When you connect an 852 or 855 amplifier, or any other power amplifier with a gain of 26dB, it will produce exactly the same voltage at the speaker outputs as the 885. This is useful for bi-amping setups or when playing music in two rooms.



Pin 1: Ground

Pin 2: Signal +

Pin 3: Signal -

Speaker terminals

The speaker outputs on the 885 are in the form of terminal posts. These are for use with cables terminated with spades or 4mm (banana) plugs.

Please remember: the 885 is a fully balanced amplifier! This means that both the red and the black speaker terminals on each channel are connected directly to an amplifier output. Never connect the black terminal to ground – this will damage the power amplifier!

Power switch

The power switch fully disconnects the 885 from the AC mains supply.

SYSCOM

SYSCOM allows you to network several 800 Series components (link mode). It provides central control of switch-on and the display functions. To use this facility, you must be using the appropriate power amplifiers or CD/SACD player. Please ensure that **all** system components are switched off before changing any SYSCOM connections. Use only the SYSCOM cables supplied. Do not use any other type of cable, as this could damage your equipment! If you need longer SYSCOM cables, please contact Lindemann audioteknik directly (see back page for contact details) or your dealer. You will find a detailed description of all link mode functions in the link mode section of this manual.

Remote control

① **ON button**

Switches the unit on and off from standby.

② **Navigation cluster**

Normal operation:

UP/DOWN: Volume adjustment +/-
LEFT/RIGHT: Input selection
OK: Confirms your selection

Menu selection:

UP/DOWN/LEFT/RIGHT: Selects menu items
OK: Confirms your selection

③ **Menu selection**

SET A:

Selects the amplifier's configuration menu.

④ **MUTE button**

Reduces the level of the outputs to zero.

⑤ **INFO button**

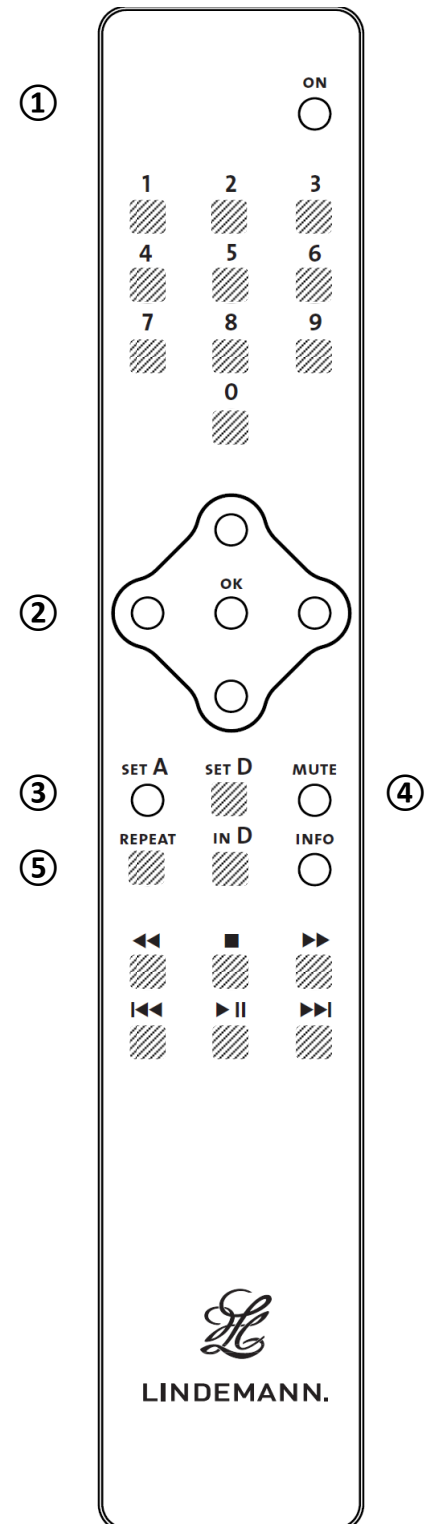
Press the INFO button to see all the important basic settings in the alpha-numeric display.

When using the remote control, always point it directly at the Integrated Amplifier. Please remember that direct sunlight or artificial light (particularly fluorescent lighting) can affect the signal.

If you notice a decrease in the range of the remote control, this is normally a sign that the batteries are weak. Always replace batteries with new ones of the same type.

To change the batteries, open the battery compartment cover on the rear of the remote handset. Take out the discharged batteries and replace them with new ones of the same type (Alkaline AAA), making sure that they are positioned as shown on the drawing in the battery compartment.

Please dispose of your used batteries carefully. Stores that sell batteries should provide containers for the collection of used batteries. You can also dispose of them at your nearest recycling centre.



Using the 885 for the first time

- Turn the power switch (on the rear panel) to its off position.
- When connecting source equipment to your integrated amplifier, always use good quality XLR or RCA phono interconnects. We recommend the use of the Lindemann "Kind of Blue" signal interconnect, which is perfectly suited to this amplifier.
- Also, use a high quality power cord from the AC mains supply to your integrated amplifier. The cable supplied with your amplifier is for testing purposes only. We recommend the Lindemann "Kind of Blue" unscreened power cord. When you do later change your power cord, please remember to switch the amplifier off first – otherwise, you could damage it.
- We have provided controls on the front panel to allow you to access the important control functions of the 885. The remote control allows you to access these and all the other functions of the unit.
- Switch on the unit using the power switch on the rear panel. Your integrated amplifier is now in standby mode and ready for use. This is indicated by the blue Standby LED.

Basic amplifier controls

Switching on and off

To switch the unit on, press the *POWER* button on the front panel or on the remote control.

To switch the integrated amplifier off, press the *POWER* button a second time. This will switch the unit into standby mode. You will see the message: *Power Down...* in the display.

After a short interval this will disappear and the blue standby LED will flash for about 5 seconds. It is not possible to switch the component on again during this time.

Use the *POWER* button to switch the unit on and off in everyday use. If the integrated amplifier is connected to a Lindemann power amplifier and/or CD player, the power amplifier and/or CD player will be powered up and down at the same time as the integrated amplifier.

Input select

Remote control:

Use the *LEFT/RIGHT*- button to select the signal source.

Front panel:

Turn the input selector knob to select the signal source.

If you have deactivated certain inputs using the *Input Enable* menu option, these will not be shown and cannot be selected.

Adjusting the volume

To adjust the volume, use the *UP* or *DOWN* buttons on the remote control, or the volume control knob on the front panel. The volume control provides an adjustment range of 100 dB in 1 dB steps. The actual volume setting will appear in the display in figures or dB (depending on the setting). When *min* appears in the display, you have reached the lower volume adjustment limit. When *max* appears in the display, you have reached the upper volume limit.

You can reduce the maximum volume setting by up to 20dB using the *Max. Volume* menu. This menu allows you to adjust or limit the volume adjustment range to suit your normal listening levels.

Balance

You will find a description of how to adjust the balance in **Configuration menus – Balance**.

Mute

You can activate the mute function by pressing the *MUTE* button on the remote control. To cancel muting, press the *MUTE* button a second time, or alter the volume.

Speakers

The *SPEAKERS* button disconnects the speakers from the amplifier. Press the *SPEAKERS* button again to reconnect the loudspeakers. This facility can be useful, for example, in systems where a second power amplifier is connected to the preamplifier output.

Cooling

The amount of heat generated by the 885 depends on how hard it is driven. It is very important to ensure that there is unimpeded circulation of fresh air from below and that hot air can escape behind and above the unit. When you install your amplifier, therefore, make sure to provide adequate clearance above and behind the unit. Make sure also that the location is protected against direct sunlight. Operating the amplifier at room temperatures higher than 30°C can lead to heat dissipation problems and is not recommended. The 885 is equipped with active cooling via a speed-controlled fan, which switches on according to the ambient temperature and how hard the amplifier is driven. At normal listening volumes, however, this is unlikely to happen.

Protection circuits

Intelligent protection circuits constantly ensure the proper functioning of the 885 Integrated Amplifier. If a fault such as a DC, under-voltage or over-temperature should occur, power to the electronics is immediately shut down to prevent damage to the amplifier and speakers. A built-in inrush current limiter operates at turn-on to protect the amplifier's components and prevent the mains circuit breaker or fuse from tripping.

Over-temperature

If the operating temperature becomes too high while the amplifier is running, the fan will attempt to cool the amplifier down to a safe temperature. If this is not successful and the temperature is rising further, the amp will be shut down and an error message will be displayed.

DC voltage

If a DC voltage is detected at the output, the 885 disconnects the power to the amplifier circuits and displays an error message. If this happens, the amplifier must be switched off at the rear side and restarted. However, if the amplifier will not restart, it has been damaged and must be serviced!

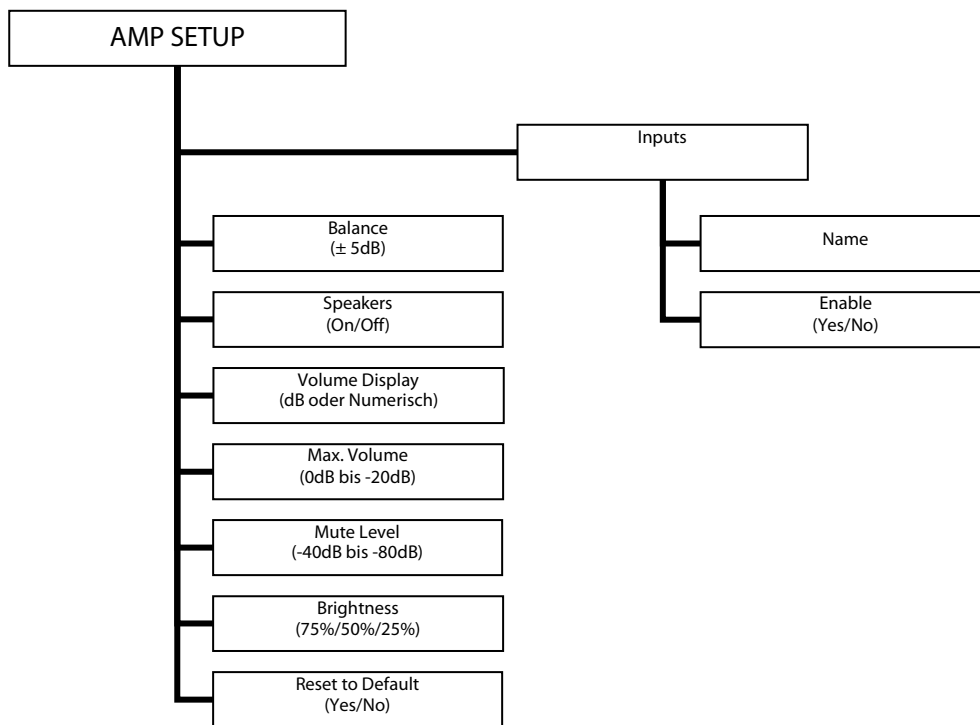
Under-voltage

If the supply voltage of the amplifier is not high enough for safe operation or a mains fuse is broken, the 885 disconnects the power to the amplifier circuits and an error message is displayed. If this happens, the amplifier must be switched off at the rear side and restarted.

Configuration menu

The 885 provides many adjustment options in addition to the basic controls. You can access these functions in *AMP Setup*. To open the menu, press the *AMP* or *SETUP* buttons. To navigate within the Setup, use the *LEFT* or *RIGHT* buttons on the remote control, or use the input selector on the front panel. Press the *OK* or the *ENTER* button to confirm a setting. The new setting will then be applied. In the menu you can use the *SETUP* button to navigate back, i.e. to move back one level without changing any settings. To quit Setup, press the *SETUP* button repeatedly until the standard display reappears.

The available settings are shown as follows:



Balance

Adjust the balance with the *LEFT* or *RIGHT* button on the remote, or the input selector knob on the front panel. The balance can be adjusted to the left or right in ten steps. The centre is the neutral setting. One step alters the balance by 0.5 dB. The maximum available adjustment is ± 5 dB. Press *OK* to confirm your selection.

Volume Display

You can display the volume either as a number or in dB. In *Numeric* mode, the volume is shown from 0 to 100. In *Decibel* mode, the volume is shown from -100 to 0dB. Choose the type of display you prefer using the *LEFT* or *RIGHT* buttons. Press *OK* to confirm your selection.

Max. Volume

Max. Volume lets you limit the maximum listening volume anywhere between 0dB (max. volume) and -20dB (party setting/child-proofing). Set the maximum volume in 1dB steps using the *UP* or *DOWN* button. Press *OK* to confirm your selection.

Mute level

Set the mute level in 1dB steps using the *UP* or *DOWN* button. Press *OK* to confirm your selection.

Display Brightness

When you start using the 885, its display is set to maximum brightness. After about 15 seconds, the display changes to the brightness setting you have specified in the display brightness menu. To avoid wearing out the display prematurely, do not set the display brightness too high.

You can choose three brightness levels (75%, 50% or 25%) using the *LEFT* or *RIGHT* buttons. Press *OK* to confirm your selection.

Reset to default (factory settings)

Use this option to restore the configuration menu to the standard settings. To carry out a reset, choose *Yes* following the warning message, and confirm with the *OK* button.

Inputs

In addition to the general configuration described earlier, which works equally on all inputs, you also have the option of adjusting individual inputs to match different signal sources.

Name (input name)

You can assign whatever name you wish to the inputs. Press the *LEFT* or *RIGHT* button to select the desired input (1-5) and confirm by pressing *OK*. Now select a name from the list or enter a name, by confirming *CUSTOM*. *A<* will now appear in the display, at which point you can enter the name you want to use. Use the *UP* or *DOWN* button to select letters or special characters. Use the *LEFT* or *RIGHT* button to move to the letter you wish to change. Names may be up to 8 characters in length. Once you have finished entering the name, confirm it with the *OK* button.

Possible names to use:

CUSTOM	SAT
CD	PC
SACD	MAC
DVD	D680
TUNER	820
PHONO	820S
TAPE	822
AV	825
TV	USBDAC

Enable (activating inputs)

It is always advisable to disable any inputs that are not being used. When selecting inputs, any input that has been disabled will be skipped.

Link Mode

The 885 is able to communicate with other Lindemann components of the 800 range via SYSCOM. This Link Mode allows a single remote control to be used for all Lindemann components.

To use this feature, all components must be linked with a SYSCOM cable (see diagram below). You must switch off all components before changing any SYSCOM connections, as a re-start is required to ensure that the system recognizes all of the components.

Troubleshooting

The display is dark and the unit does not work:

- The 885 is in standby mode. -> Press the *POWER* button.
- The 885 is not connected to a power outlet, or the power switch (on the rear panel) is in the off position. -> Plug the 885 into a power outlet and switch the unit on.

The display illuminates but there is no sound:

- The volume setting is too low. -> Turn up the volume.
- There is no signal from the source component or the wrong source has been selected.
- The unit is in mute mode. -> Press the *MUTE* button.
- The Speaker outputs are disabled. -> Press the *SPEAKERS* button.

The unit does not respond to the remote control.

- The remote control battery is discharged or has been inserted incorrectly. -> Change the battery.
- The distance, or angle, between the remote control handset and the 885 is too great.
- The IR receiver on the 885 is obstructed. -> make sure that there is clear line of sight between the remote control and the IR receiver.

Specifications

Measuring conditions: 22°C, 230V supply voltage, Audio Precision AP2522

Input sensitivity	500 mV balanced for 200 W @ 4 Ω
Input impedance	20 k Ω balanced
Voltage gain	35 dB
Maximum input voltage	6,0 V balanced
Adjustment range volume	100 dB in 1 dB-steps
Adjustment range Balance	-5 dB.....+5 dB
Level accuracy	0.05 dB min.
Channel balance	< 0.05 dB
Maximum output voltage speakers	-26 dB _r speaker-level
Minimum speaker impedance	2 Ω
Output power	140 W/channel @ 8 Ω, 260 W/channel @ 4 Ω
Frequency response	1 Hz –200 kHz (-3 dB)
THD	< 0.01%
Signal to noise	>106 dB (A-weighted, related to 200 W @ 4 Ω)

Crosstalk L>>R	> 100 dB @ 1kHz
Crosstalk inputs	> 90 dB @ 1kHz
Dimentions	440 x 135 x 360 mm (W x H x D incl. feet)
Weight	20.0 kg
Power supply	100 V, 120 V, 230 V (50-60Hz) Factory set for destination country
Power consumption (idle)	75 W
Power consumption (full power)	1000 W max.
Power consumption (stand-by)	1.0 W
Inputs	2 line inputs (XLR) 3 line inputs (RCA)
Outputs	1 line outputs (XLR) 1 pair speaker terminals
Other connectors	1 SYSCOM, RJ-45 1 IEC Power inlet

CE declaration of conformity

Product type: Integrated Amplifier

Model: 885 Stereo Integrated Power Amplifier

LINDEMANN audiotechnik GmbH declares that this product complies with the Low Voltage Directive 73/23/EEC and the Electromagnetic Compatibility Directive 89/336/EEC, amended by the directives 92/31/EEC and 93/68/EEC.

The conformity of the designated product with the provisions of directive number 73/23/EEC is proved by full compliance with the following standards:

EN 60065 (Date of issue 1998)
EN 61000-3-2 (Date of issue 2000)
EN 61000-3-3 (Date of issue 2001)

The conformity of the designated product with the provisions of directive number 89/336/EEC is proved by full compliance with the following standards:

EN 55013 (Date of issue 2001)
EN 55020 (Date of issue 2002)

Guarantee and Service

At Lindemann we value our customers. When a Lindemann product leaves our factory we do not see this as the last step of the process, rather it is the beginning of our long-standing relationship with you. Thereafter we seek to support you in every way that we can. Should you require any further information feel free to contact us at Lindemann audiotechnik.

This product is guaranteed under the conditions that apply in the country of purchase and your statutory rights are not limited. In addition to any statutory rights you may have, Lindemann undertake to replace any parts that have failed due to faulty manufacture. To help us, please ask your Lindemann retailer about the Lindemann warranty scheme in operation in your country.

In parts of Europe and some other markets, extended warranty may be available to customers who register their purchase with the local Lindemann distributor. A warranty registration card is included with the product and should be stamped by your retailer and returned to the local distributor as soon as possible.

Warning

Unauthorised servicing or dismantling of the product invalidates the manufacturers warranty. There are no user serviceable parts inside the product and all enquiries relating to product servicing should be referred to authorised retailers only.

Technical support and information

For technical support, product queries and information, please contact either your local retailer, the local Lindemann distributor or Lindemann audiotechnik. Full details of your local distributor can be found on the Lindemann website: www.lindemann-audio.de

Important

- Please keep a copy of the sales receipt to establish the purchase date of the product.
- Please ensure that your equipment is insured by you during any transit or shipment for repair.

Lindemann audiotechnik GmbH

Felix-Wankel-Str.4

D-82152 Krailling

Germany

Tel: +49 (0)89 8913679-0

Fax: +49 (0)89 8913679-29

Website: www.lindemann-audio.de

E-mail: info@lindemann-audio.de
service@lindemann-audio.de

Directive on waste electrical and electronic equipment

Electronic equipment should not be disposed of with household waste but in compliance with the Directive 2002/96/EU of the European Parliament and of the Council of 27 January 2003 on waste electrical and electronic equipment. When this equipment reaches the end of its working life, please take it to one of the available collection points.

The symbol (below) is attached to this product.

