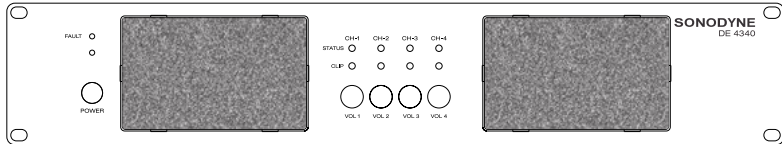


DE 4340

4 channel power amplifier | owners manual



INTRODUCTION

The DE 4340 is a 4 channel amplifier. It has 4 sets of balanced XLR inputs and links. Output is through 4 twist-lock speaker connectors.

SAFETY INFORMATION

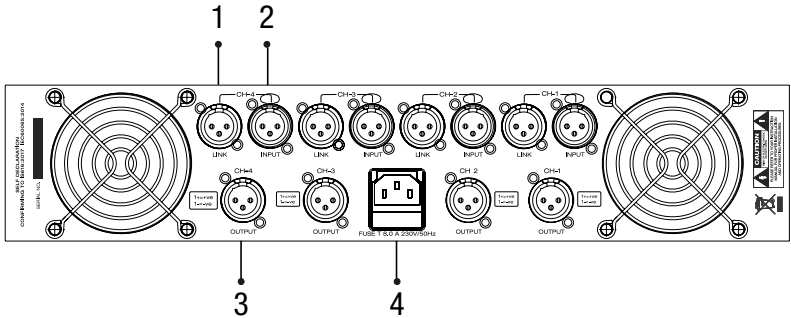
1. Do not place the unit on an unstable surface that may topple and cause the unit to fall, thereby causing injury to the user or other people.
2. Do not place the unit outdoors where it may be exposed to strong sunlight, rain or moisture. Do not place it near a water body or sprinkler.
3. Do not place the unit near heat radiating items like stoves, radiator etc.
4. Do not allow liquid or any chemical to spill on or into the product.
5. Do not open the unit or attempt to service it yourself. There is no user serviceable part inside. Refer servicing to qualified service personnel only.

UNPACKING

To unpack the unit, open the carton by cutting along the edge of the flaps. Push the flaps wide open. Grip the product in the middle using both hands and pull it off the carton along with its protective EPE buffer.

Remove the packing buffer from the two ends, strip it of its protective cover and place it in its intended location. You will find an IEC type mains cord and an owner's manual inside the carton. Do not discard the carton and the packing materials. They will come in handy if you have to transport the unit in future.

● controls & switches - rear ●



1. INPUTS

This is a fully balanced XLR input socket. Each channel has one XLR balanced line level inputs. Pin connections are 1 ground, 2 hot or positive and 3 cold or negative.

2. LINKS (CH1-CH4)

This is wired in parallel to the input XLR socket and is used to looping the signal to another amplifier. Each channel has one fully balanced XLR socket as link.

3. OUTPUTS (CH1-CH4)

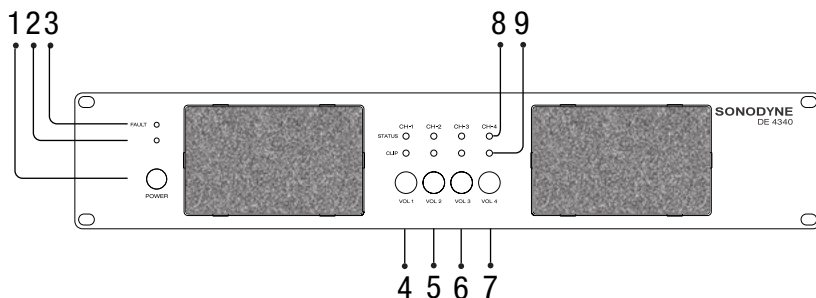
There are 4 sets of speaker outputs in the form of twist lock connector corresponding to each channel. Minimum impedance of load that can be connected to each output is 4Ω .

4. IEC AC SOCKET

This is a fused 3-pin IEC AC receptacle for connecting to a wall outlet with the cable supplied. Please note the following

- Ensure that the wall outlet is properly earthed, that is, the earth must be connected to a earth bus-bar which connects to other audio equipments and is not shared by noisy equipments like computers, air-conditioners, lightning applications etc.
- The earth connection is also required in the interests of your own safety, should any fault occur. Please check that the wall outlet is capable of providing the current requirement of the product, printed on the back panel at the bottom of the socket.

● controls & switches - front ●



- 1. POWER SWITCH**
After you have connected the unit to a mains outlet , press this switch to turn on power to the unit.
- 2. ST-BY / POWER INDICATOR**
A red LED indicates that power has been applied to the unit, but it is on stand-by. Amplifier will be in stand-by mode in absence of input signal. LED colour will change to green once the amplifier is in active mode.
- 3. FAULT**
If the amplifier develops an internal fault, this indicator will glow red
- 4. VOL 1**
Volume control for CH1. This allows you to adjust the volume of CH1
- 5. VOL 2**
Volume control for CH2. This allows you to adjust the volume of CH2
- 6. VOL 3**
Volume control for CH3. This allows you to adjust the volume of CH3
- 7. VOL 4**
Volume control for CH4. This allows you to adjust the volume of CH4
- 8. STATUS INDICATOR**
There are 4 green colour LED for 4 channels on the front panel, labelled as 'Status'. When the output power is 1W or more, the corresponding indicator will glow green.
- 9. STATUS INDICATOR**
There are 4 red colour LED for 4 channels on the front panel, labelled as 'Clip'. When the output power of respective channel reaches its maximum, the corresponding indicator will glow.

SET-UP

Connect the output of a balanced signal source to the balanced input socket with a 2 core shielded cable fitted with an XLR male cable connector at one end having the following pin connections:

- 1= Ground
- 2=(Hot)
- 3=(Cold)

Connect the speaker outputs of 4 channels of DE 4340 to the respective speakers.

1. Connect the supplied mains cable supplied to a utility socket capable of supplying 230V 50Hz AC.
2. Switch on the DE 4340 by pressing the power switch on the front panel. The power led will glow red in colour. This indicates that power has been applied to the unit, but it is on stand by mode.
3. Keep the volume control at mid position.
4. Feed audio signal. The power LED colour will change to green. It indicates the amplifier is in active mode. If there is no audio signal for 5 minutes the unit will go into stand by mode.
5. Check that all speakers are playing.

Your set up is ready. Enjoy the music and adjust the volume of respective channels as per your requirement by varying the volume control of respective channel.

● specifications ●

DESCRIPTION	4 channel power amplifier
AMPLIFIER TYPE	Class D
CONTINUOUS POWER	200W into 4Ω per channel 100W into 8Ω per channel
INPUT	4 x Balanced LINE input via XLR socket 4 x Balanced LINK
SWITCHES	Power switch on front panel
INDICATORS	Power on and Auto power indicator, Status indicator, Clip indicator, Fault indicator
CONTROLS	4 x volume controls on front dial
OUTPUT	Speaker output for 4 channels via twist-lock connector
INPUT SENSITIVITY	700mV
INPUT IMPEDANCE	22kΩ
FREQUENCY RESPONSE	20Hz ~ 20kHz, ± 3dB
SIGNAL TO NOISE RATIO	>90dB
THD (1kHz)	less than 0.5
PROTECTION	DC at amplifier output, Power on/off surge, overheat, short-circuit, RFI
POWER REQUIREMENT	230V AC 50Hz
POWER SUPPLY TYPE	SMPS
FINISH	Chassis and cover black powder coated, aluminium dial black anodised
DIMENSIONS (WxHxD)	483mm x 88mm x 264mm
NET WEIGHT	5.5kg

Due to continuous improvements, all specifications are subject to change

TROUBLESHOOTING

If you have any trouble using the amplifier, look for a solution in this Section. If you can not resolve the issue yourself, contact dealer.

PROBLEM	Power not on
SUGGESTION	Make sure that the power cord is properly plugged into the wall outlet. Unplug the power cord from the wall outlet, wait for 5 seconds or more, then plug it again. Make sure that the music signal is fed to the unit.
PROBLEM	Amplifier automatically goes into stand-by mode
SUGGESTION	DE 4340 has an auto power-on feature. Hence if there is no signal for 10 minutes the unit will go into standby mode
PROBLEM	Status LED does not glow
SUGGESTION	Make sure that the status indicator switch is not in OFF position.

WARRANTY INFORMATION

In substitution of any warranty or condition implied, this equipment is warranted against failure arising through faulty workmanship or material for a period of 24 calendar months from the date of purchase. During this period, subject to the conditions stated here, the manufacturer will replace or repair any defective part free of charge (including parts and labour). This warranty is only given with respect to faulty workmanship and/ or materials and does not cover misuse or consequential damage. Claims under the warranty will be considered only if the product is returned to an authorised SONODYNE Service Centre directly, or through an authorized reseller.

- This warranty is applicable only to the original purchaser when purchase is made directly from SONODYNE or from an authorized SONODYNE reseller. Any claim be accompanied by the original Tax / GST invoice.
- The warranty DOES NOT COVER:
 - a. Damage resulting from incorrect installation or use not in accordance with the operating instruction issued by the manufacturer.
 - b. Consequential damage.
- This warranty will be rendered invalid if any unauthorized alteration, modification or substitution is carried out or if the Serial No. is altered and/ or defaced.
- All equipment for servicing must be sent, carriage paid, to an authorized Service Centre, The Company will accept no responsibility for loss or damage in transit
- If the equipment or any part of it is returned for any cause not covered by the warranty, all costs involved, including charges for inspection and handling will have to be borne by the customer.
- No reseller has the authority to vary the terms of this warranty.

Register your product
to activate your warranty:
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If you have anything less than a 5 star experience,
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