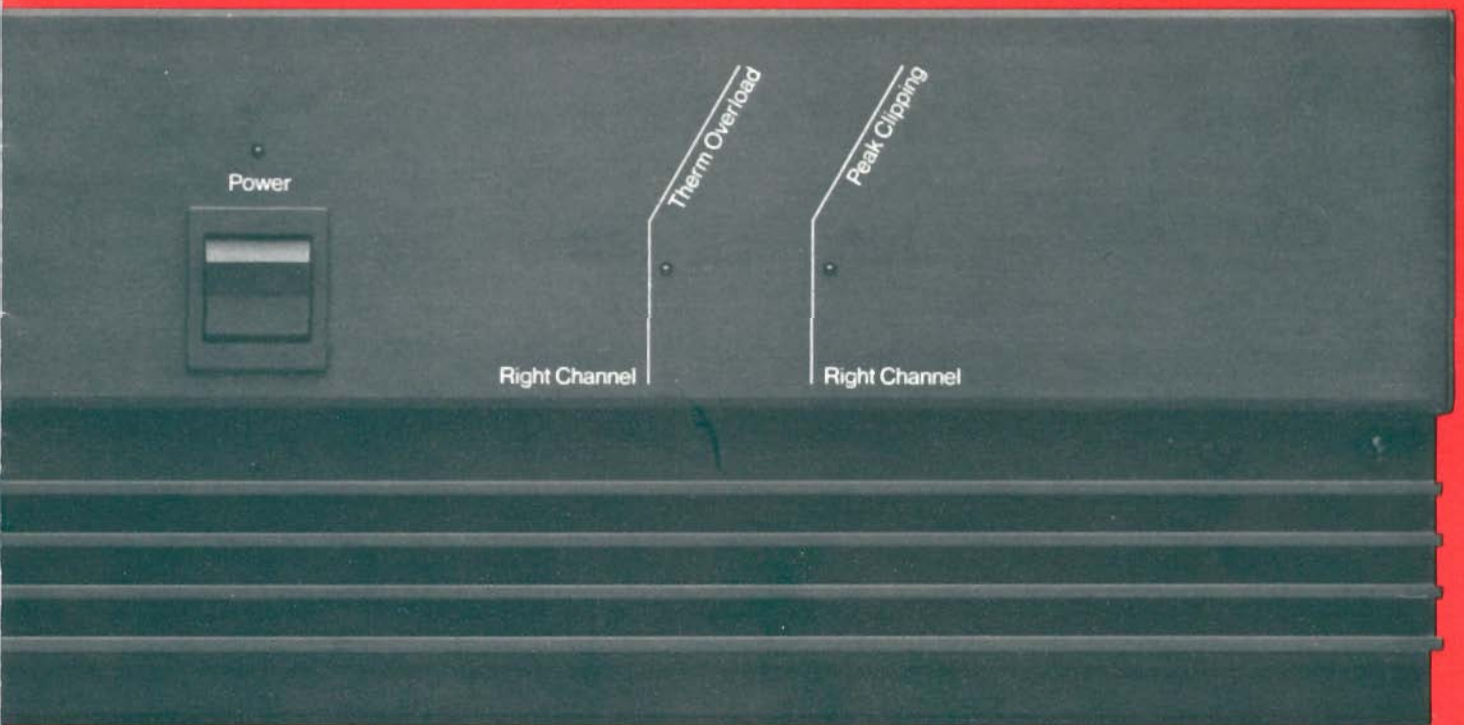

TANDBERG® TPA 3026A

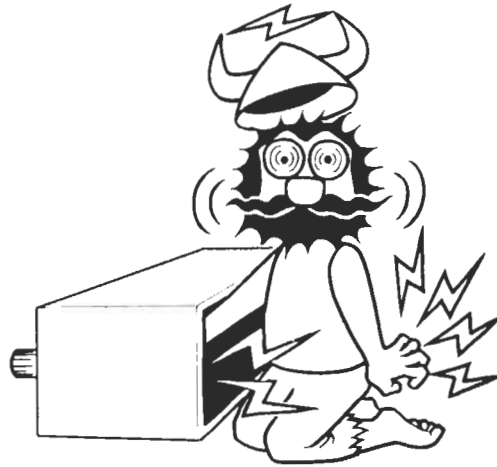
Operating Instructions



For your safety!

To prevent electrical shock or fire, do not expose electronic products to rain or moisture, and do not remove covers (or back). If anything fails, leave the repair to a qualified technician.

Pull out the power plug during thunder storms and when you are away for a long time (e.g. holidays, etc.).



Contents

	Page
Power requirements	3
Connections	3
Power switch	4
Peak Clipping indicators	4
Thermal Overload indicators	5
Accessories (extras)	6
Technical data	7

Power requirements

Check that the voltage selector is set to the correct position. (For USA and Canada the equipment is set to 115 V.)

230 V, 50 Hz:

When the deck is set to 230 V position it should be fitted with a 4 A fuse. On this setting any mains voltage between 207 V and 253 V can be used.

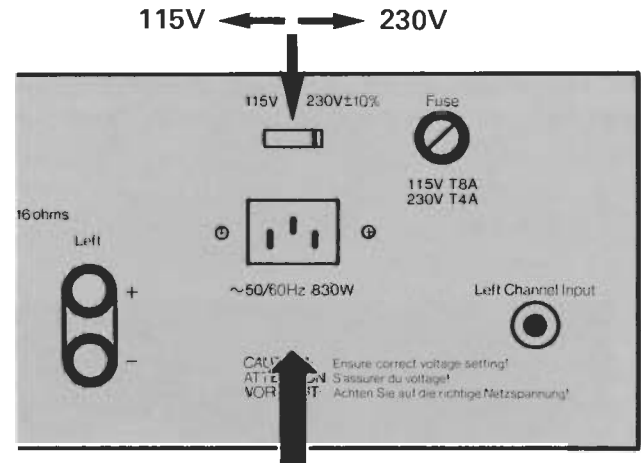
115 V, 60 Hz:

In 115 V position the equipment should be fitted with a 8 A fuse. On the 115 V setting any mains voltage between 103 V and 127 V can be used.

Fuses:

230 V, 50 Hz: 4 A, slow blow, 5 x 20 mm.

115 V, 60 Hz: 8 A, slow blow, 5 x 20 mm.



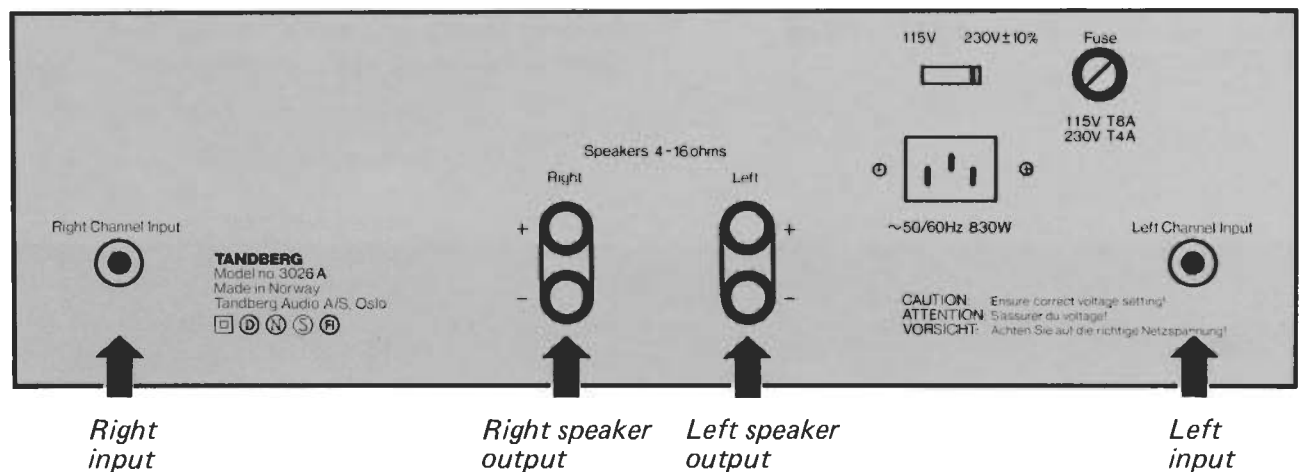
Power requirements

Connections

IMPORTANT! All connections should be carried out **before** the Power is switched on.

NOTE! Check the speaker polarity.

- Connect signal source to the input connectors.
- Connect speakers to the speaker terminals.
- Plug in the mains lead.

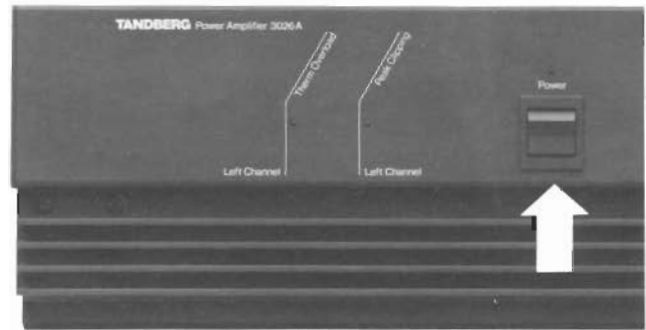


IMPORTANT! When placing this power amplifier in a rack or on a shelf, **always** be sure that sufficient ventilation is available.

Power switch

Turn on the mains with the switch marked Power.

NOTE! When switching on, some of the LEDs may flash on. This is normal.



Peak Clipping indicators

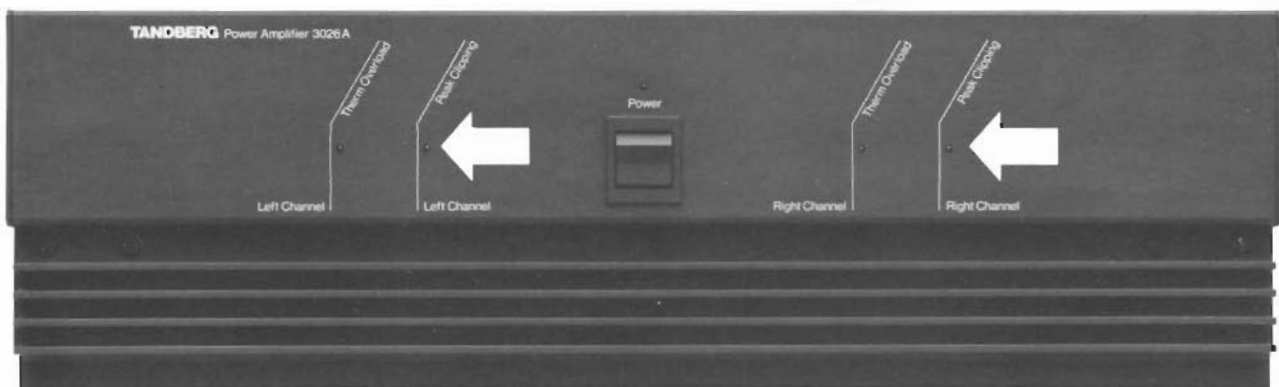
The indicators (one for each channel) will flash when peak clipping of the signal occurs.

Protection circuits

Electronic circuits will protect the power amplifier against:

- Overload and short-circuiting of the speaker terminals.
- Flashback from inductive speaker loads.

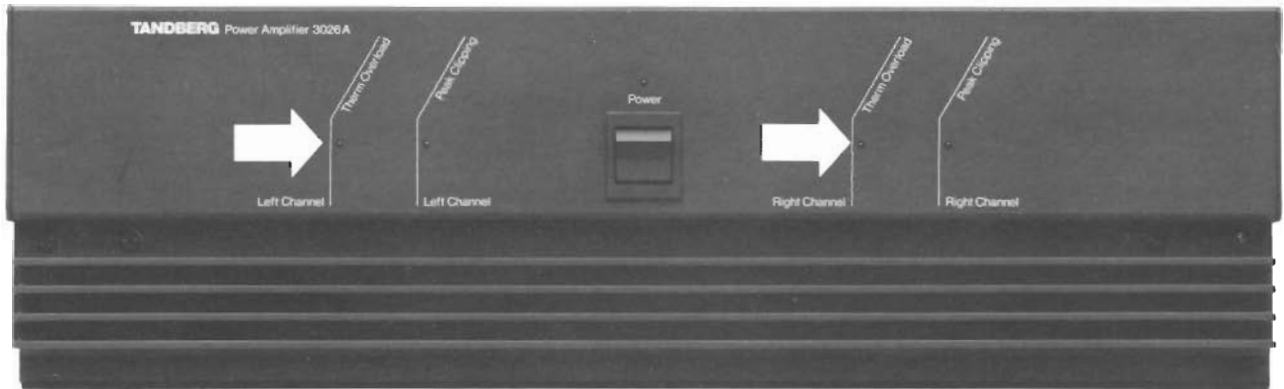
The same circuits prevent DC-voltage from reaching and damaging the loudspeakers.



Thermal Overload indicators

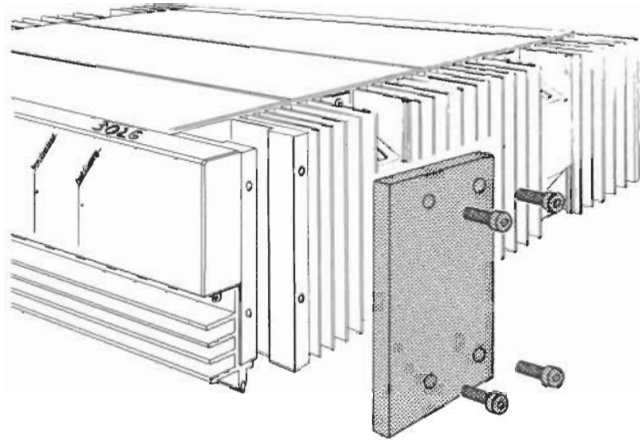
The LEDs (one for each channel) will indicate if the temperature on the output transistors or transformer rises above normal operating temperature.

The thermal switch will then disconnect the speakers terminal from the output stage. When normal temperature conditions are resumed, the output automatically will be reset.

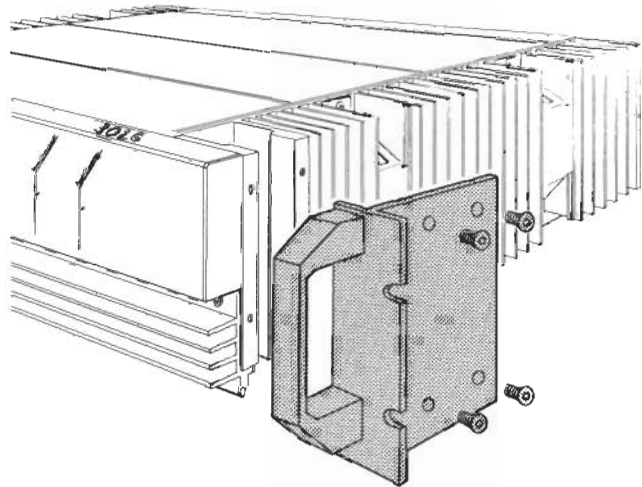


Accessories (extras)

Side Panels



19"-rack mount kit with handles



Technical data

Tandberg Power Amplifier 3026A	Power requirements:	115 V ± 10%, 60 Hz or 230 V ± 10%, 50 Hz
	Power consumption:	110 – 830 W
	Dimensions:	Width: 17 1/8" (43.5 cm) Depth: 13 3/4" (35.0 cm) Height: 8 11/16" (22.1 cm) Weight: 30.4 lbs (13.8 kg)
Technical Data according to IHF-A-202, 1978	Continuous Average Power Output:	(THD < 0.05%) 2 x 150 W
	Frequency range:	20 – 20,000 Hz + 0/– 0.1 dB
	A-weighted Signal-to-Noise ratio:	(Ref. 1 W/8 ohm) 94 dB
	Sensitivity:	(1 W/8 ohm/1 kHz) 110 mV
Secondary Disclosures	Output Impedance:	(20 – 20,000 Hz) < 0.01 ohm
	Wideband Damping Factor:	> 800
	SMPTE Intermodulation Distortion:	< 0.05%
	IHF Intermodulation Distortion:	< 0.05%
	Channel Separation:	> 80 dB
	Transient Overload Recovery Time:	Immeasurable
	Reactive load factor:	typical 1.25
	Reactive load rating:	typical 1.0 dB
Other Technical Data	Continuous Power in 4 ohm:	(THD < 0.05%) 2 x 210 W
	Frequency range:	0.07 – 1.5 MHz + 0/– 3.0 dB
	Sensitivity:	(150 W/8 ohm/1 kHz) 1.4 V
	Slew rate:	240 V/us
	Rise time:	0.4 us
	A-weighted Signal-to-Noise ratio:	(Ref. 150 W/8 ohm) 115 dB
	Pulse power:	1000 W in 1.0 ohm

* Specifications are subject to change for further improvement without notice.

Tandberg Audio A.s
Fetveien 1, P.O. Box 49
N-2007 Kjeller, Norway

