

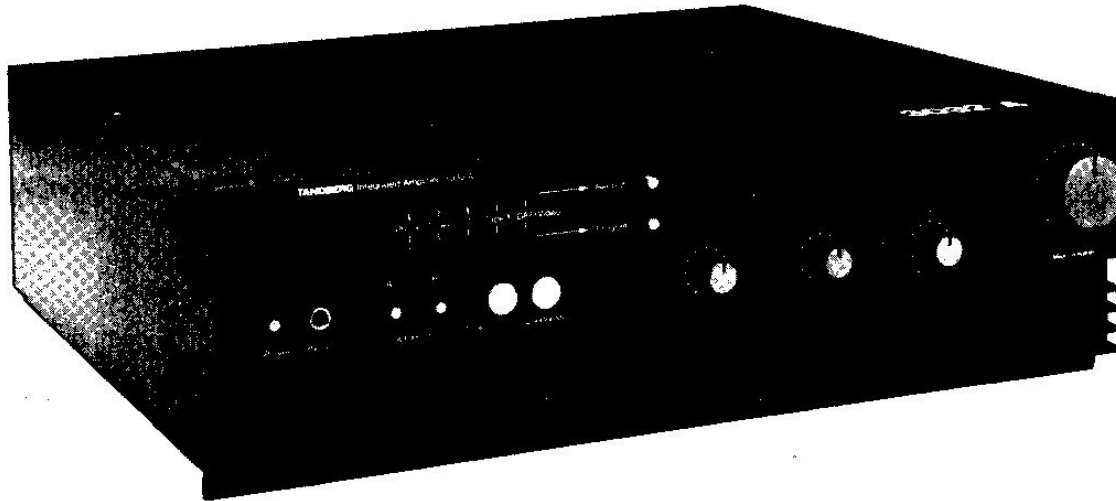
# 3032

**Design Philosophy**

It has been our aim to build an integrated amplifier matching the performance of two separates.

The result is a unit setting new standards in both audible performance and ease of operation

A major feature of the 3032A is full remote control without the usual degradation of audio performance



**Pre-amp. section**

All components used in the 3032A are selected for maximum accuracy and best audio performance. The phono pre-amp has separate MM and MC inputs, automatically switched.

Separate program-select and record-select switches allows maximum user flexibility, recording one source and listening to another source.

A generous number of inputs and outputs allows even video-in and separate pre-out for multi-amplifier systems.

**Amplifier section**

A major feature of the amplifier section is a well dimensioned high current power supply

The high current design - hardly found in any other receiver - guarantees

superior performance under all signal conditions

**Continuous Average Power Output:** (8 ohm, 20 - 20.000 Hz, THD < 0.09%) 2 x 100W  
 (4 ohm, 20 - 20.000 Hz, THD < 0.09%) 2 x 120W  
 0.35 dB

**High current capability**

Years of experience with MOSFET and BI-POLAR technology is incorporated in the design of

the TIR 3032A This bi-polar design is hardly matched by any other amplifier

With 20.000 uF capacitors, the 3032A offers a peak current of 30 A

**Thermic Servo Loop**

The Tandberg Thermic Servo Loop controls the output DC voltage, in a unique way, by means of temperature sensing to achieve 0 Volt — with

absolutely no interference to the audio signal.

This replaces the usual lowpass filter and negative

feedback loop which inject control signals into the audio path and degrade the sound quality.

**Fully remote controlled**

The Tandberg infrared remote control RC 3000 (not included) can control most of the 3032A functions

All sources and rec. out can be selected remotely.

The functions also include volume, tone defeat and muting. The remote control will also operate other Tandberg products, such as the 3015A Compact Disc Player

## Technical Data

**Tandberg Integrated Amplifier TIR 3032 A**

**Power requirements:** 110-115 V/220-230 V/240 V  $\pm$  10%, 50/60 Hz

**Power consumption:** 60 — 500 W

**Dimensions:** Width 435 mm  
Height 137 mm  
Depth 354 mm  
Weight 12 kg

### AMPLIFIER

**Continuous Average Power Output:** (8 ohm, 20-20.000 Hz, THD  $\ll$  0.09%) 2 x 100 W  
(4 ohm, 20-20.000 Hz, THD  $\ll$  0.09%) 2 x 120 W  
> 800

Technical data according to IHF-A-202, 1978

**Wideband damping factor:**

**Frequency response:**  
Linear inputs 5-100.00 Hz  $\pm$  0/-3 dB  
Phono MC and MM inputs 20-20.000 Hz  $\pm$  0.5 dB

**Sensitivity**

Phono MC 15  $\mu$  V  
Phono MM 160  $\mu$  V  
FM, Tape 1, Tape 2, Video, Aux, CD 15  $\mu$  V

**A-weighted Signal-to-noise ratio:**

Phono MC 68 dB  
Phono MM 72 dB  
FM, Tape 1, Tape 2, CD 74 dB

**Maximum input signal: Phono MC**

Phono MM 5.0 mV  
FM, Tape 1/2, CD, Video, DAT, Aux 70 mV  
3.5 V

**Input impedance:**

Phono MC 150 ohm  
Phono MM 47 kohm  
FM, Tape 1/2, CD, Video, DAT, AUX 10 kohm

Specifications are subject to change without notice

### Secondary Disclosures

**Output impedance:**

Power Amplifier 0,01 ohm  
Headphones 2,70 ohm  
Headphones (min. load) 8 ohm

**Tone-control response:**

Bass  $\pm$  9 dB at 100 Hz  
Treble  $\pm$  9 dB at 10.000 Hz  
Loudness Max. 7 dB at 50

**Crosstalk (100 Hz - 10 kHz):**

Phono MM, Phono MC > 70 dB  
Tape 1, Tape 2, DAT, Video, Tuner, CD > 70 dB

**Separation (100 Hz - 10 kHz):**

Phono MM, Phono MC > 45 dB  
Tape 1, Tape 2, DAT, Video, Tuner, CD > 45 dB

**Transient Intermodulation:**

All inputs: Immeasurable

### Other Technical Data

**Frequency range:**

Tape 1, Tape 2, Tuner, CD 1.6 - 250.000 Hz  $\pm$  0/-3 dB

**Phase Shift (20 Hz - 20.000 Hz):**

Tape 1, Tape 2, DAT, Video, Tuner, CD  $\pm$  5°/-5°

Specifications are subject to change without notice

Tandberg Audio  
Products A.s  
Østensjøvn. 44  
N-0667 Oslo 6  
Norway

Telephone  
(472) 65 09 05

Fax  
(472) 63 12 41