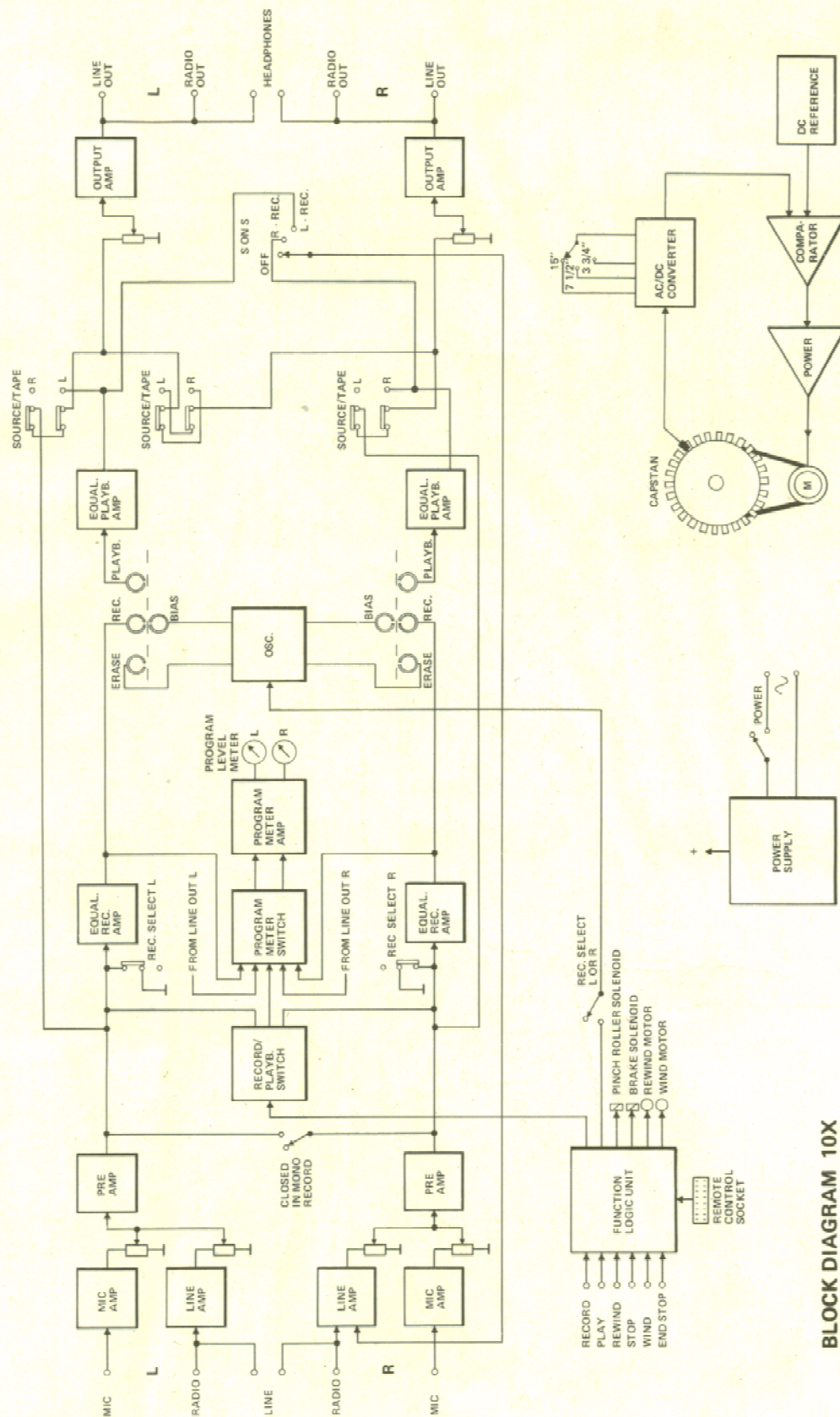


# TANDBERG

## 10 X Technical specification

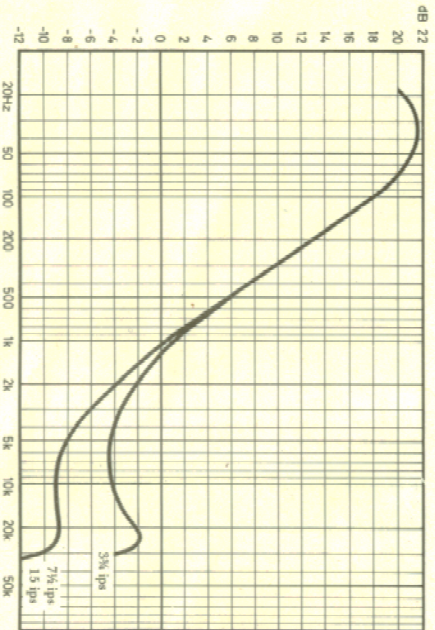
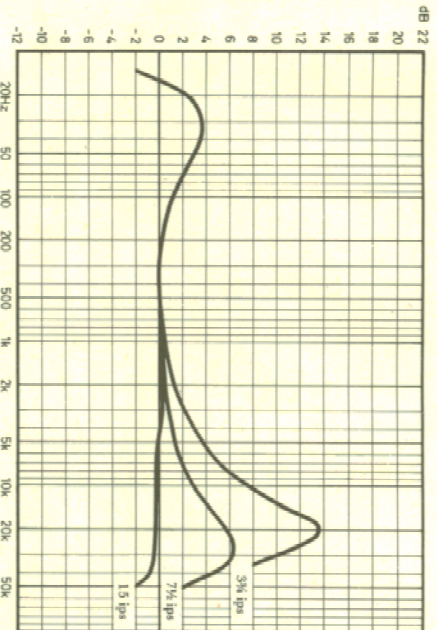


BLOCK DIAGRAM 10X



Technical specifications		SERIES 10X STEREO DECK	
POWER REQUIREMENTS 50 or 60 Hz		240/230/115 V	
POWER CONSUMPTION		100 W	
TAPE SPEED i.p.s.		15 - 7 1/2 - 3%	
SPEED TOLERANCE max. 1)		± 0.3%	
WOW AND FLUTTER, max. Peak DIN 45511 3% i.p.s. Weighted R.M.S. 7% i.p.s. 3% i.p.s.		0.07% 0.09% 0.15% 0.04% 0.06% 0.11%	
FREQUENCY RESPONSE DIN 45511 ±3 dB	15 i.p.s. 7 1/2 i.p.s. 3% i.p.s. 15 i.p.s. 7 1/2 i.p.s. 3% i.p.s.	30-30,000 Hz 30-26,000 Hz 30-20,000 Hz 30-25,000 Hz 30-22,000 Hz 40-18,000 Hz	
SIGNAL/TAPE NOISE RATIO at highest tape speed with Tandberg Tape or equivalent tape IEC, A-curve (DIN 45500, weighted) IEC, unweighted R.M.S. (DIN 45500 unweighted)		2-track 67 dB 58 dB	4-track 65 dB 58 dB
CROSSTALK ATTENUATION at 1000 Hz, minimum		Mono Stereo	60 dB 50 dB
HARMONIC DISTORTION, max. From amplifier at 0 dB From tape at 0 dB record level		0.2% 3%	
INPUTS Input impedance/sensitivity max. voltage at 400 Hz (MIC inputs are suitable for dynamic microphones. The sensitivity is automatically adjusted for the mic impedance)		Standard: MIC: 0.23 mV/35 mV RADIO: 50 k ohms/8 mV/1.2 V LINE: 200 k ohms/30 mV/4.5 V U.S.A.: MIC: 0.5 mV/75 mV RADIO: 50 k ohms/30 mV/4.5 V LINE: 200 k ohms/100 mV/5 V	
OUTPUTS Min. load impedance/voltage with unloaded output or power output for each channel		RADIO: 5 k ohms/0.775 V LINE: 150 ohms/1.5 V HEADPHONES: 8 ohms/5 mW	

1) With normal operating temperature.



The performance specification is based on the use of lowest noise, highest output tape. Among the tapes suitable for use on this machine are, alphabetically listed, BASF LH SUPER, MAXELL UD, SCOTCH CLASSIC, TDK AUDUA or an equivalent tape formulation.

Note that the figures given in the specification are closely related to the measurement method. Meanings of figures are clarified in the left-hand column.

Tandberg products have so-called "minimum specifications". This means that every unit produced in our factory has a performance better than its specification.

It is Tandberg's policy to improve products as new techniques and components become available. Tandbergs Radiofabrik A/S therefore reserves the right to change specifications at any time.