

Cuemaster 990 Series Stereo Cartridge Machines

Engineering Specifications

Models

996A Stereo Replay Module

993A&R Stereo Record and Replay
Modules

All specifications based on Audiolube
17 tape, PRL is 320nWb/m and 16dBm
0 VU = + 8dBm (Standard 600 ohm)
Other levels on request

Replay frequency response

± 1.5dB: 40Hz to 200Hz

± 1.0dB: 200Hz to 15kHz

Record/replay frequency response

± 2.0dB: 40Hz to 200Hz

± 1.5dB: 200Hz to 15kHz

Replay signal to noise ratio

58dB WRT PRL (amplifier)

Record/replay signal to noise ratio

55dB WRT PRL

Wow and flutter

0.12% CCIR peak weighted

Speed stability

± 0.1% at 19.05cm/s (7.5ips), crystal
controlled

± 5% at 57cm/s (22.5ips), fast
forward

Replay distortion

0.5% maximum THD, 1kHz at 16dBm
(amplifier)

Record/replay distortion

2.5% maximum, 1kHz at PRL

Cross talk

50dB at 1kHz

Output level

22dBm maximum—600 ohm

16dBm maximum—150 ohm

Equalization

IEC standard, NAB optional

Output impedance

75 ohm maximum

Audio input

- 6dBm to + 20dBm at 10k ohm or
600 ohm balanced and isolated

Bias and erase frequency

100kHz

Record phase adjustment

± 180 degrees at 8kHz

Cue channel

3 cue tones are standard using
standard NAB levels and frequencies.
Provision is made for FSK encoding via
the TEAM encoder/decoder

Start time

100ms from pushing start button to
audio output

Stop time

35ms, maximum, from detecting stop
cue to cessation of audio output

Power requirements

100-115V, 200-230V

110-125V, 200-250V

50/60Hz

40 watts

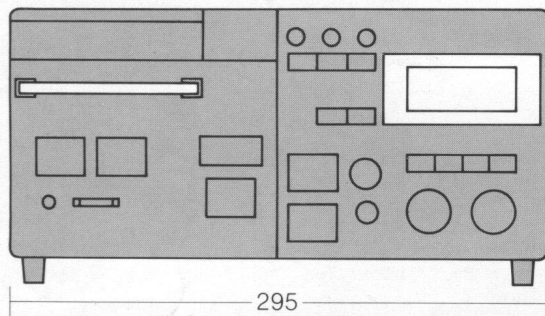
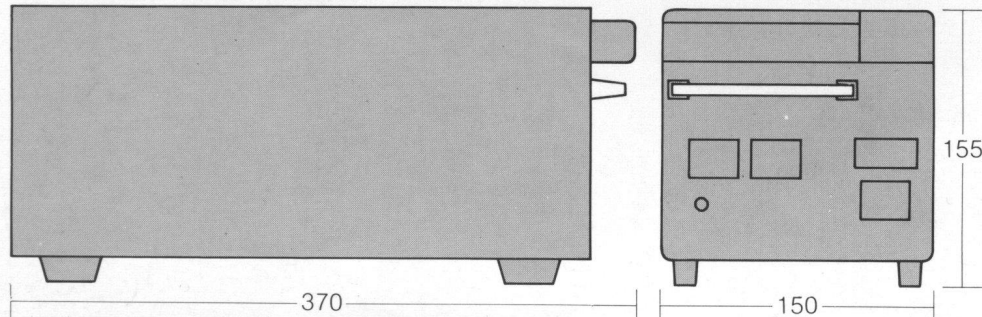
Weight

996A Stereo Replay Module 12kg

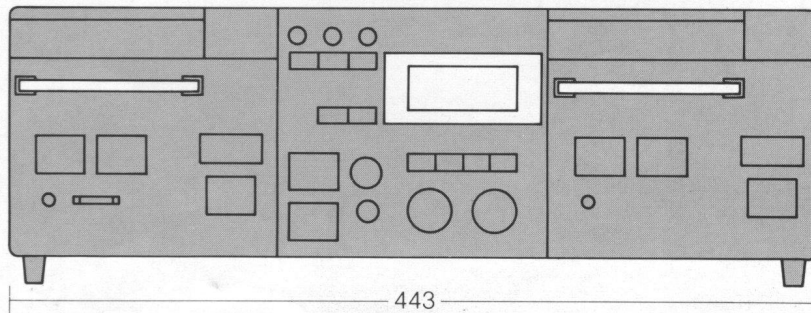
993A&R Stereo Record and Replay
Modules 15kg

Dimensions

In housing with cartridge inserted



Double housing



Triple housing



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