

# Cuemaster 910 Series Mono Cartridge Machines

# Engineering Specifications

## Models

916A Mono Replay Module

913A&R Mono 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

60dB WRT PRL (amplifier)

## Record/replay signal to noise ratio

57dB 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  
balanced and isolated

## 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

## 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, 220-250V

50/60Hz

40 watts

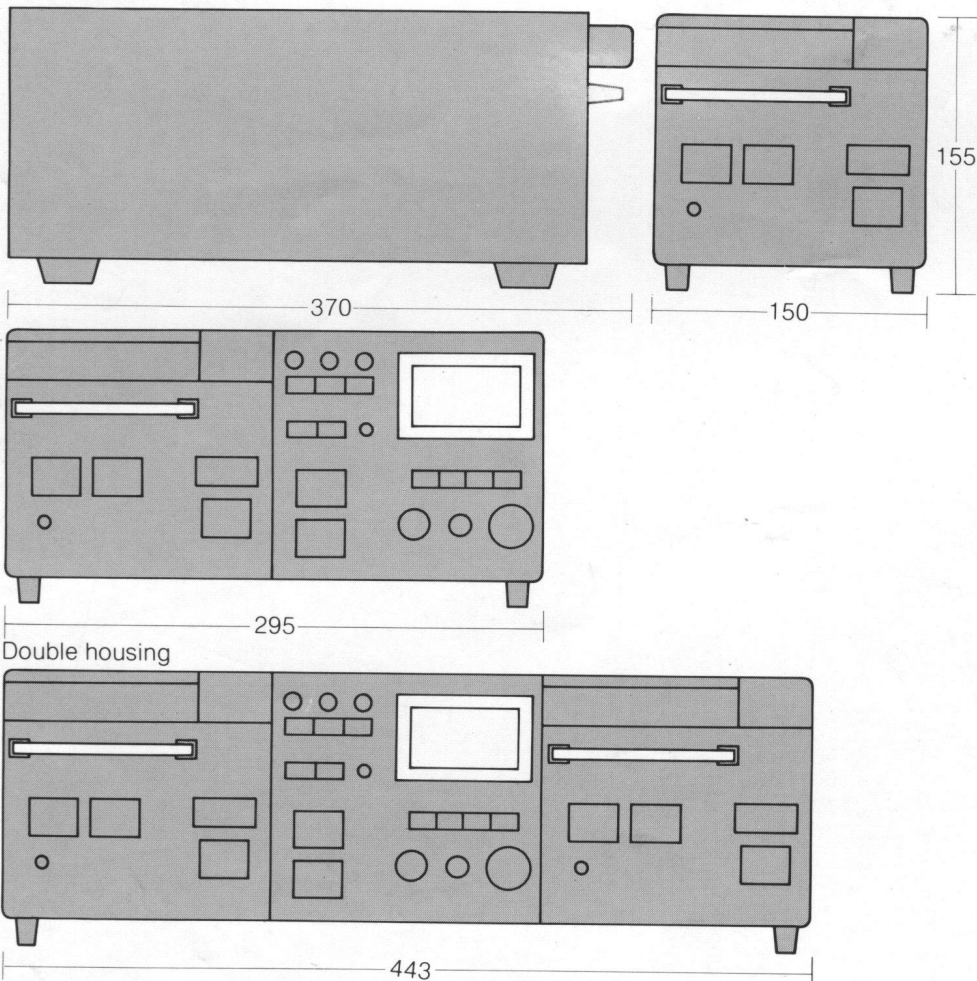
## Weight

916A Mono Replay Module 12kg

913A&R Mono Record and Replay  
Modules 15kg

## Dimensions

In housing with cartridge inserted



Triple housing



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