

CAMBRIDGE AUDIO

T55 FM STEREO TUNER

The T55 Tuner is the first in a range of tuners to be introduced by Cambridge Audio. The engineering design incorporates some of the most advanced electronic techniques available,

resulting in an instrument whose performance is exemplified by its superb specification

Although intended as a counterpart to the acclaimed Cambridge Audio amplifiers, the T55 is suitable for use in any high quality audio system.



The RF mixer stages utilise MOS transistors with voltage controlled varactor tuning, allowing a remote tuning facility to be incorporated. The IF stages use two high quality ceramic filters plus discrete and integrated

circuit amplification. The discriminator is of the quadrature detector type with a double tuned coil, resulting in an exceptionally low distortion figure. Stereo decoding is by means of a phase locked loop integrated circuit which also achieves a low level of harmonic

distortion together with a high degree of spurious response rejection, which is further aided by the addition of extra filters to remove the residual 19 kHz pilot tone and its harmonics. A total of three stabilized power supplies are used.



for people who listen to music

SPECIFICATIONS

The Cambridge Audio T55 FM Stereo Tuner

Frequency coverage	88 – 108 MHz
Sensitivity	1.4 μ V. I.H.F.M.
Image Rejection	65 dB
Alternate Channel Rejection	75 I.H.F.M.
A.M. Suppression	45 dB
Capture Ratio	1.5 dB
Signal to Noise Ratio (MONO)	65 dB
Frequency response	\pm 1 dB 20Hz – 15 kHz
T.H.D. (75 kHz deviation)	0.3% (MONO) 0.5% (STEREO)
Pilot Tone Suppression	60 dB
Stereo Channel Separation	40 dB (1 kHz)
Audio output	Adjustable up to 1v (5 K Ohm source)
De-emphasis	Normally 50 μ S or optional 74 μ S

Control

V.H.F. Tune 10 turn tuning drive, with flywheel, or remote

A.F.C.

Stereo defeat Toggle switch
Interchannel muting Toggle switch
Power (ON/OFF) Rotary switch
Audio level Preset potentiometer at rear

Indicators

V.H.F. Frequency Tuning scale and pointer
Stereo beacon Lamp
Tuning 2 Lamps
Mains supply Lamp

Inputs

Aerial V.H.F. 75 ohms coaxial or 300 ohms balanced
Remote Tuning D.C. input to DIN connector
Supply 240v, 50Hz

Outputs

Audio 1V maximum from 5 K ohms source with adjustment
Signal strength 0-150 μ A proportional to signal strength

General

Mechanical construction compatible with P series amplifiers. Available in black or silver finish.



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