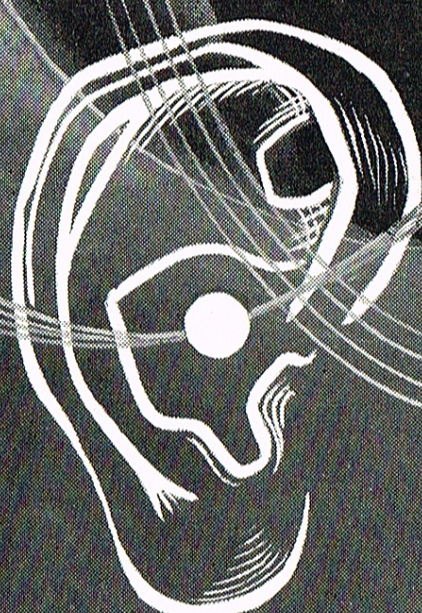


A WORLD OF LISTENING
— AT YOUR COMMAND



Chapman

PRICE LIST

	£	s.	d.		£	s.	d.
FM80 unpowered	22	1	0	inc. Purchase Tax	6	6	0
FM81 Mk II unpowered	22	1	0	" " "	6	6	0
FM81 Mk II self-powered	26	5	0	" " "	7	10	0
FM85 unpowered	25	4	0	" " "	7	4	0
FM85 self-powered	29	8	0	" " "	8	8	0
S5/FM and S5E/FM unpowered ...	34	2	6	" " "	9	15	0
S5/FM and S5E/FM self-powered ...	38	6	6	" " "	10	19	0
S6BS unpowered	46	4	0	" " "	13	4	0
S6BS self-powered	52	10	0	" " "	15	0	0
S6 and S6E unpowered	31	10	0	" " "	9	0	0
S6 and S6E self-powered	37	16	0	" " "	10	16	0
S5 and S5E unpowered	22	8	0	" " "	6	8	0
P.U.1 Power Unit	4	10	0				
205 20 watt Amplifier	34	0	0				
205 Control Unit	18	0	0				

***Chapman** for the finest
in reproducing equipment.*

*Quality of reproduction is
always the first consideration
in an original design.*

*Quality of materials and
workmanship are of the highest
possible standard.*

*This has been the policy of
the Company for nearly a
decade, this is why **Chapman**
equipment is used by people
with discrimination in every
Country in the World.*

Model FM80

V.H.F. Frequency Modulation Switched Tuner

A high gain, low noise, low radiation and completely stable V.H.F. tuner, easily set up on any of the B.B.C. stations.

Sensitivity $< 2\mu\sqrt{\text{V}}$ for 20 db quieting at 30% modulation ($22\frac{1}{2}$ Kc/s deviation). Overall I.F. Band width > 220 Kc/s for - 3 db. Discriminator Band width 500 Kc/s.

Fitted with A.F.C. and A.V.C. with switched selection of station and off position. Very easy to mount.

Valves used: ECF80, $3 \times$ EF85, EB91.

Dimensions: $9'' \times 4\frac{1}{4}'' \times 4\frac{5}{8}''$.

Weight: $3\frac{1}{2}$ lbs. (1.58 kilos)

Model FM81 Mk. II

V.H.F. Frequency Modulation Tuner

A high gain, low noise, low radiation, and completely stable V.H.F. Tuner, covering 87.5 Mc/s - 100 Mc/s.

Sensitivity $< 2\mu\sqrt{\text{V}}$ for 20 db quieting at 30%. Modulation ($22\frac{1}{2}$ Kc/s deviation). Overall I.F. Band width > 220 Kc/s for - 3 db. Discriminator Band width 500 Kc/s.

Cathode Ray Tuning Indicator, A.V.C., Controls Tuning, Volume.

Valves used: EF80, $3 \times$ EF85, EB91, EM81.

Dimensions: Escutcheon $10'' \times 5\frac{1}{4}''$ depth behind escutcheon 4".

Self-powered 6".

Weight: 5 lbs. (2.27 kilos). Self-powered $8\frac{1}{2}$ lbs. (3.85 kilos).

Model FM85. AM/FM Tuner

With high quality drift free V.H.F. Frequency Modulation reception, and excellent reception of the more powerful Continental stations on the Medium and Long Wavebands this is an economical answer to most Tuner requirements for the High Fidelity enthusiast.

FM. Sensitivity $< 4\mu\sqrt{\text{V}}$ for 20 db quieting 87.5 Mc/s - 100 Mc/s.

AM. Sensitivity $< 80\mu\sqrt{\text{V}}$ for 20 db signal/noise ratio. 194m - 550m and 800m - 2,000m. Cathode Ray Tuning Indicator, A.V.C. on FM delayed amplified A.V.C. on AM bands. Controls: Volume, Wavechange, Tuning. Available self-powered or unpowered.

Valves used: EF80, EF89, EF85, EB91, ECH81, EBF80 plus EZ80 on powered version.

Dimensions: Escutcheon $10\frac{3}{8}'' \times 6''$ depth behind escutcheon 7".

Weight: 7 lbs. (3.19 kilos) Self powered $10\frac{1}{2}$ lbs. (4.76 kilos).

Model S5E/FM. De Luxe AM/FM Tuner

The 8 valve circuit of advanced design, provides first class reception of good Continental broadcasts, World Wide coverage on Short Waves PLUS High Quality drift free V.H.F. Frequency Modulation reception. Using a tuned RF stage on AM bands and variable selectivity. Cathode Ray tuning on all bands, AM and FM.

A.V.C. on FM and delayed amplified A.V.C. on AM.

FM. Sensitivity $< 4\mu\sqrt{\text{V}}$ for 20 db quieting 87.5 Mc/s - 100 Mc/s.

AM. Sensitivity $< 10\mu\sqrt{\text{V}}$ for 20 db signal/noise ratio. 12.5 - 37m, 35 - 100m, 90 - 250m, 190 - 550m. Controls: Variable Selectivity, Wave/Change, Tuning.

Available self-powered or unpowered.

Valves used: EF85, EF80, ECH81, $2 \times$ EF89, EBF80, EB91, EM81 plus EZ80 on powered version.

Dimensions: Escutcheon $13\frac{1}{2}'' \times 6\frac{1}{2}''$ depth behind escutcheon 9".

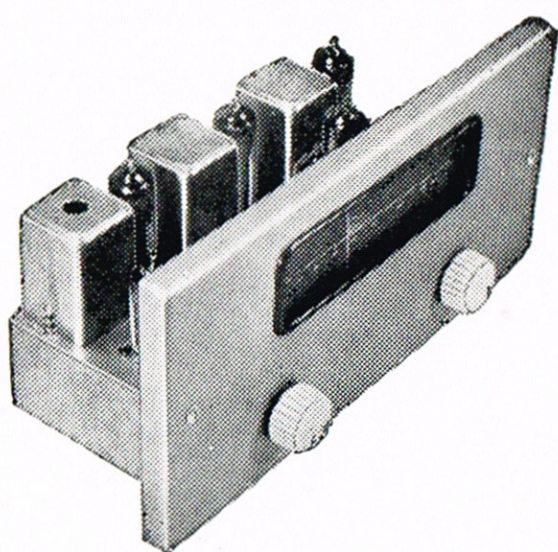
Weight: $10\frac{1}{2}$ lbs. (4.76 kilos), Self-powered 14 lbs. (6.35 kilos).

Model S5/FM. De Luxe AM/FM Tuner

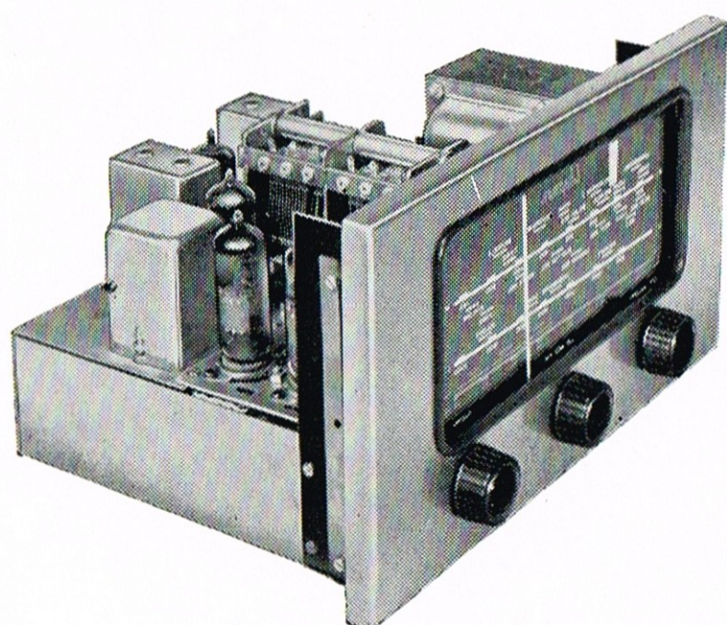
as S5E/FM but AM coverage 16-50m, 194-550m, 800-2000m.



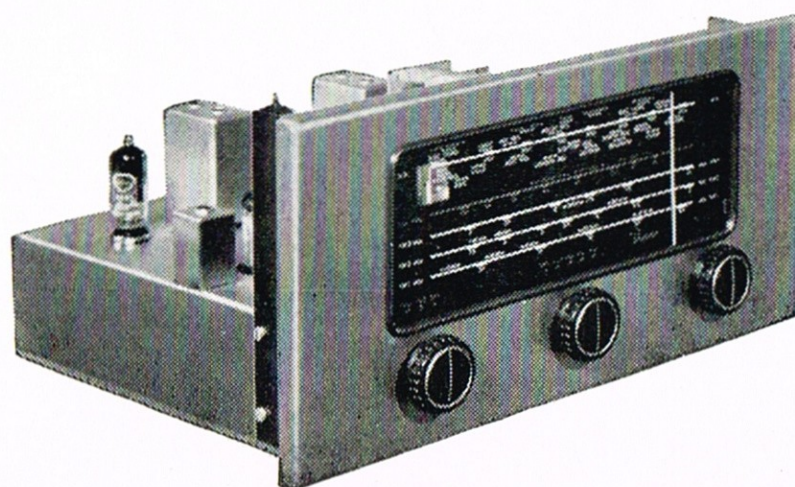
FM80



FM81



FM85



S5E/FM

Model S5 or S5E. AM Tuners

The S5 is a medium priced high quality AM only tuner. With a tuned RF stage on all bands, Variable Selectivity (7Kc, 10Kc) and delayed amplified A.V.C. good quality reception of Continental broadcasts is available. Sensitivity 30μ for 20 db Signal/noise ratio.

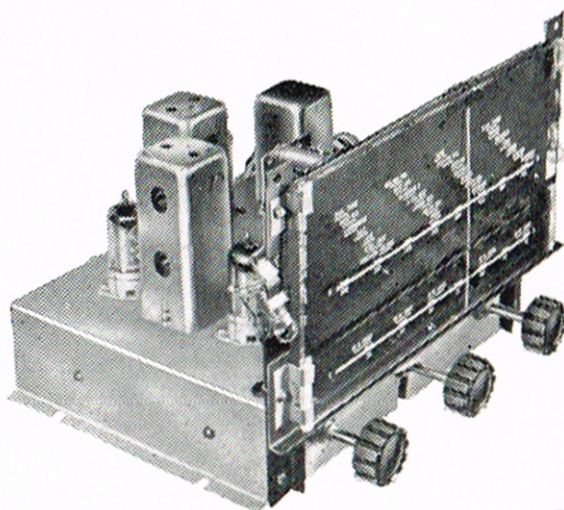
S5 16 - 50m, 194 - 550m, 800 - 2,000m.

S5E 12.5 - 37m, 35 - 100m, 90 - 250m, 190 - 550m.

Valves used: ECH42, $2 \times$ EF41, EBF80.

Dimensions: $9\frac{1}{2}'' \times 7'' \times 7\frac{1}{2}''$.

Weight: 6 lbs. (2.72 kilos).



S5

Model S6 and S6E AM Tuners

The same comprehensive specification as the S6BS but without band-spread and Logging Scale.

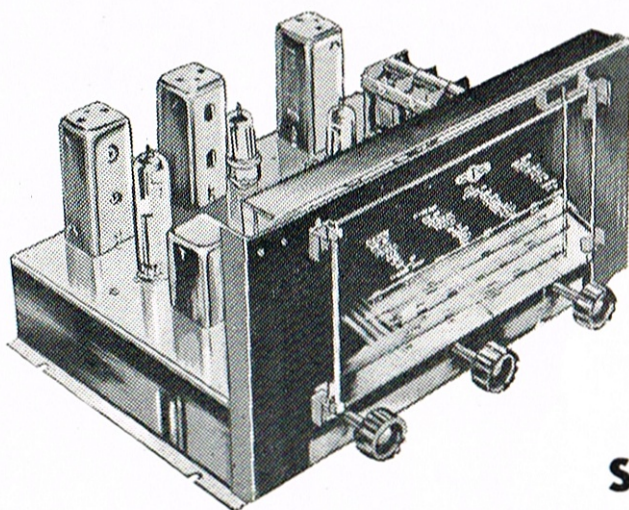
S6 16 - 50m, 194 - 550m, - 800 - 2,000m.

S6E 12.5 - 37m, 35 - 100 m, 90 - 250, 190 - 550m.

Valves used: $3 \times$ EF89, ECH81, EBF80, EM81.

Dimensions: $13'' \times 8\frac{1}{4}'' \times 9\frac{1}{4}''$.

Weight: 12 lbs. (5.44 kilos). Self-powered 15 $\frac{1}{2}$ lbs. (6.8 kilos).



S6

Model S6BS 9-band AM Tuner

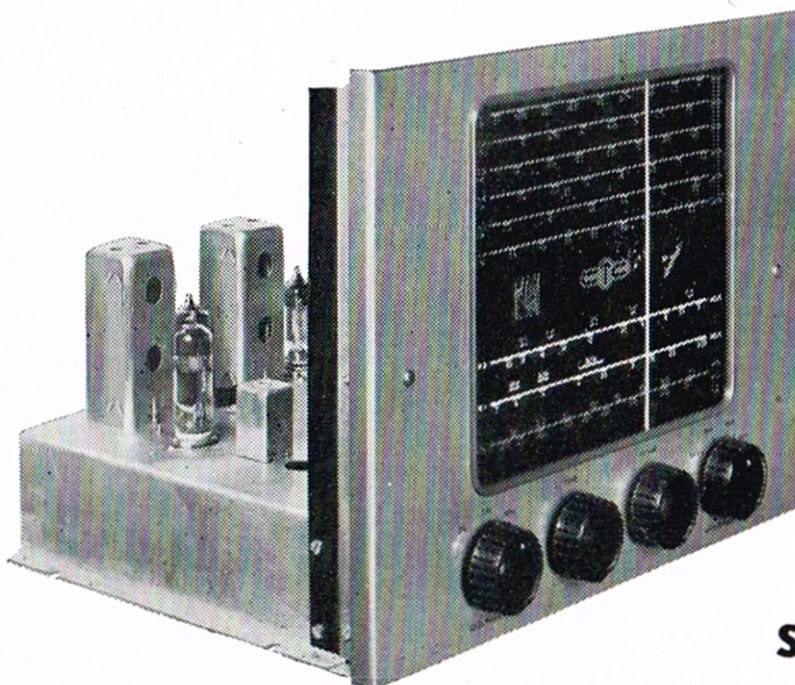
This Tuner with 2 IF stages, Variable Selectivity (5Kc, 7Kc, 10Kc), 6 Electrically band spread ranges, Tuned RF stage on all bands, Cathode Ray Tuning Indicator, Logging Scale, and Pre-Set Sensitivity Control provides World Wide reception, the quality being limited only by the prevailing conditions. Suitable for feeding any high quality Amplifier.

Sensitivity $< 2\mu$ on all bands for 20 db Signal/noise ratio, covering 13m, 16m, 19m, 25m, 31m, 41m, on band spread ranges and 43 - 140m on SW1, 13 - 43m on SW2 and Medium Wave band 175 - 570m. Controls: Variable Selectivity, Tuning, Volume, Wave-change. Available self-powered or unpowered.

Valves used: $3 \times$ EF89, ECH81, EBF80, EM81.

Dimensions: Escutcheon $13\frac{3}{4}'' \times 9\frac{5}{8}''$ depth behind escutcheon $9\frac{1}{4}''$.

Weight: 14 $\frac{1}{2}$ lbs. (6.57 kilos) Self-powered 18 lbs. (8.16 kilos).



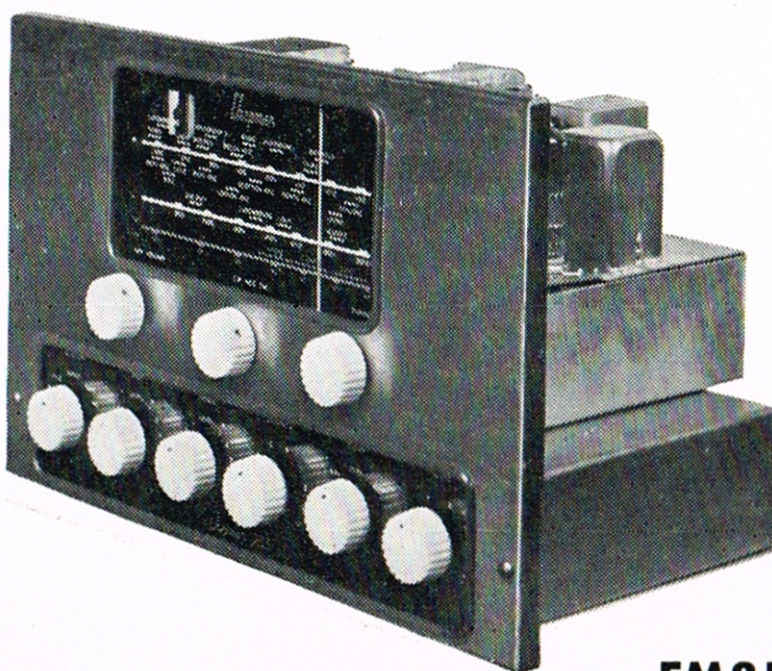
S6BS

Model FM85/CU VHF/FM PLUS Control Unit PLUS AM

This model consists of the 205 Pre-Amplifier powered by a self-powered FM85 mounted on a single escutcheon.

Dimensions: Escutcheon $13\frac{1}{4}'' \times 8\frac{1}{2}''$ depth behind escutcheon 7".

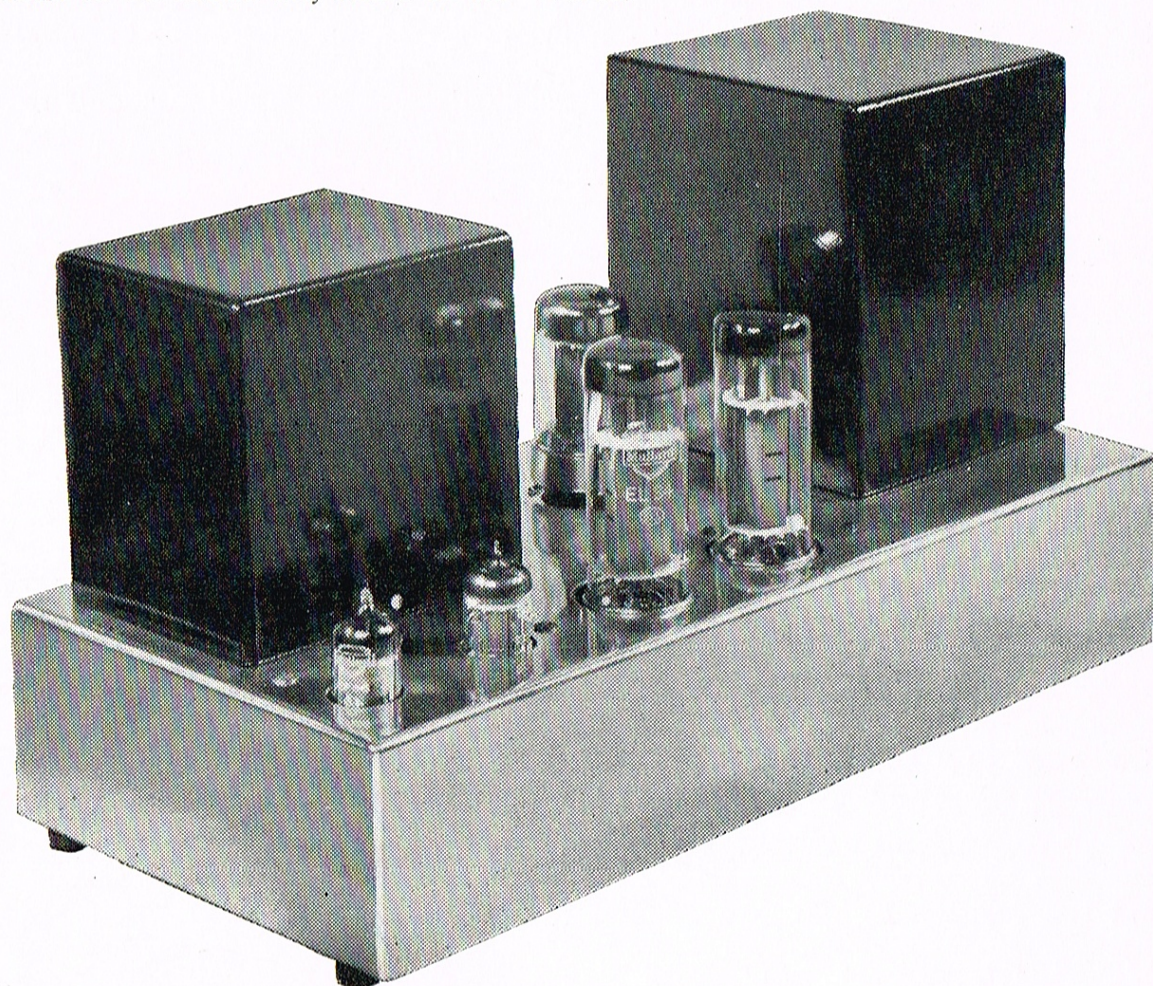
Weight: 16 $\frac{1}{2}$ lbs. (7.48 kilos).



FM85/CU

The CHAPMAN 205 Amplifier and Control Unit

This fine instrument is an example of British Craftsmanship at its best, beautifully styled, finished in polished copper and capable of the highest standards of reproduction, using specially designed Partridge Transformers, Mullard Valves and the very latest techniques the 205 will give many, many years of trouble free service, under most climatic conditions to be found anywhere in the World.



The 205 Power Amplifier

Power response within 0.5 db of 1Kc level at 20 watts from 30 c/s – 30 Kc.
Frequency response (1 watt level) with 1 db of 1Kc level 2 c/s – 100 Kc.
Damping Factor 50.

Hum and noise – 90 db relative to 20 watts.

Harmonic distortion .05% at 20 watts.

Sensitivity 220 mV for 20 watts output.

Finish Polished copper chassis and black Transformer covers.

Dimensions: 14" × 7 $\frac{1}{8}$ " × 8 $\frac{3}{8}$ ". Weight: 40 lbs. (18.14 kilos).



The 205 Control Unit

Input Selector with 5 inputs, Radio 100 m/v, Tape 100 m/v, 4 m/v PU, 50 m/v PU.
Microphone 1.5 mV.

Output 220 m/v with total Harmonic < 0.1%

Switched Roll off low pass filter 5Kc, 10Kc, 20Kc cut off > 12 db/octave.

Fixed rumble filter high pass at 35 c/s cut off > 12 db/octave.

Fully variable Bass and Treble, Boost and Cut.

Volume Control/ON-OFF Switch with 3 switched mains outlets.

Output for Tape Recorders at 100/200 m/v taken after input Selector but before any other Controls, enabling normal settings for all controls for listening whilst recording.
Loudness Control **accurately** reproducing the famous Fletcher Munson Contours, for pleasurable low level listening.

The 205 Control Unit can be powered from the Power Amplifier or from some of our tuners.

Finish Polished copper escutcheon.

Dimensions: 13 $\frac{1}{2}$ " × 3" × 6 $\frac{1}{2}$ ". Weight: 6 lbs. (2.72 kilos)

Manufactured and Guaranteed by:—

C. T. CHAPMAN (REPRODUCERS) LTD.
CHAPEL LANE, HIGH WYCOMBE, BUCKS., ENGLAND

Telephone: High Wycombe 2474