

BBC Engineering Monographs

1	The suppressed frame system of telerecording	June 1955
3	The visibility of noise in television	October 1955
4	The design of a ribbon-type pressure-gradient microphone for broadcast transmission	December 1955
5	Reproducing equipment for fine-groove records	February 1956
6	A vhf/uhf field-strength recording receiver using post-detector selectivity	April 1956
7	The design of a high-quality commentator's microphone insensitive to ambient noise	June 1956
8	An automatic integrator for determining the mean spherical response of loudspeakers and microphones	August 1956
9	The application of phase-coherent detection and correlation methods to room acoustics	November 1956
12	An improved 'Roving Eye'	April 1957
13	The BBC Riverside television studios: The architectural aspects	July 1957
14	The BBC Riverside television studios: Some aspects of technical planning and equipment	October 1957
15	New equipment and methods for the evaluation of the performance of lenses for television	December 1957
16	Analysis and measurement of programme levels	March 1958
18	The BBC colour television tests: An appraisal of results	May 1958
19	A uhf television link for outside broadcasts	June 1958
20	The BBC's Mark II mobile studio and control room for the sound broadcasting service	August 1958
22	The engineering facilities of the BBC monitoring service	January 1959
23	The Crystal Palace Band I television transmitting aerial	February 1959
24	The measurement of random noise in the presence of a television signal	March 1959
25	A quality-checking receiver for vhf/fm sound broadcasting	June 1959
26	Transistor amplifiers for sound broadcasting	August 1959
27	The equipment of the BBC television film studios at Ealing	January 1960
28	Programme switching, control, and monitoring in sound broadcasting	February 1960
29	A summary of the present position of stereophonic broadcasting	April 1960
31	The power gain of multi-tiered vhf transmitting aerials	July 1960
32	A new survey of the BBC experimental colour transmissions	October 1960
33	Sensitometric control in film making	December 1960
34	A mobile laboratory for uhf and vhf television surveys	February 1961
35	Tables of Horizontal radiation patterns of dipoles mounted on cylinders	February 1961
36	Some aspects of optical lens performance	April 1961
37	An instrument for measuring television signal-to-noise ratio	June 1961
39	Twenty-five years of BBC television	October 1961
40	The broadcasting of music in television	February 1962
41	The design of a group of plug-in television studio amplifiers	April 1962
42	Apparatus for television and sound relay stations	July 1962
43	Propagational factors in short-wave broadcasting	August 1962
44	A Band V signal-frequency unit and a correlation detector for a vhf/uhf field-strength recording receiver	October 1962
45	Vertical resolution and line broadening	December 1962
46	The application of transistors to sound broadcasting	February 1963
47	Vertical aperture correction using continuously variable ultrasonic delay lines	May 1963
48	The development of BBC internal telecommunications	May 1963
49	Apparatus for measurement of non-linear distortion as a continuous function of frequency	July 1963
50	New methods of lens testing and measurement	September 1963
51	Radiophysics in the BBC	November 1963
52	Stereophony: The effect of cross-talk between left and right channels	March 1964
53	Aerial distribution systems for receiving stations in the l.f., m.f., and h.f. bands	July 1964
54	An analysis of film granularity in television reproduction	August 1964
55	A review of television standards conversion	December 1964
56	Stereophony: The effect of interchannel differences in the phase/frequency and amplitude/frequency characteristics	December 1964
57	Drop-out in video-tape recording	June 1965
58	Sine-squared pulse and bar testing in colour television	August 1965
59	The acoustic design and performance of a new free-field sound measurement room	September 1965
60	Colorimetric analysis of interference in colour television	February 1966
61	Sporadic E ionisation and television interference	March 1966
62	Automatic monitoring	April 1966
63	The design of transmission lines and single-stage switching circuits for a line-store standards converter	August 1966
64	Data for the acoustic design of studios	November 1966
65	Tristimulus spot colorimeter	December 1966
66	VHF aerial gain calculation using tables of mutual resistance between the radiating elements	February 1967
67	Pulse sound: A system of television sound broadcasting using pulses in the video waveform	March 1967
68	Recent research on studio sound problems	July 1967
69	A survey of the development of television test cards used in the BBC	September 1967
70	The dynamic characteristics of limiters for sound programme circuits	October 1967
71	The programme effects generator	November 1967
72	Colour sensitometric parameters in colour film telerecording	March 1968
73	Sonic booms and other aircraft noise in studios	April 1968
74	The non-linear characteristics of klystron amplifiers	June 1968
75	Pulse-code modulation for high-quality sound-signal distribution	December 1968
76	The variable inductance frequency modulator	December 1968
77	The automatic control of sound-signal level in broadcasting studios	March 1969
78	Aspects of high-quality monitoring loudspeakers	September 1969
79	F.M. deviation: Calibration and measurement by edge coincidence techniques	December 1969
80	An automatic method for the measurement of reverberation time	December 1969