

BBC Engineering Monographs (numbers 1-80)

1	The Suppressed Frame System of Telerecording	Jun-55
2	Absolute Measurements in Magnetic Recording	Sep-55
3	The Visibility of Noise in Television	Oct-55
4	The Design of a Ribbon Type Pressure-gradient Microphone for Broadcast Transmission	Dec-55
5	Reproducing Equipment for Fine-groove Records	Feb-56
6	A V.H.F./U.H.F. Field-strength Recording Receiver using Post-detector Selectivity	Apr-56
7	The Design of a High-Quality Commentator's Microphone Insensitive to Ambient Noise	Jun-56
8	An Automatic Integrator for Determining the Mean Spherical Response of Loudspeakers and Microphones	Aug-56
9	The Application of Phase-coherent Detection and Correlation Methods to Room Acoustics	Nov-56
10	An Automatic System for Synchronising Sound on Quarter-inch Magnetic Tape with Action on 35-mm Cinematograph Film	Jan-57
11	Engineering Training in the BBC	Mar-57
12	An Improved 'Roving Eye'	Apr-57
13	The BBC Riverside Television Studios: The Architectural Aspects	Jul-57
14	The BBC Riverside Television Studios: Some Aspects of Technical Planning and Equipment	Oct-57
15	New Equipment and Methods for the Evaluation of the Performance of Lenses for Television	Dec-57
16	Analysis and Measurement of Programme Levels	Mar-58
17	The Design of a Linear Phase-shift Low-pass Filter	Apr-58
18	The BBC Colour Television Tests: An Appraisal of Results	May-58
19	A U.H.F. Television Link for Outside Broadcasts	Jun-58
20	The BBC's Mark II Mobile Studio and Control Room for the Sound Broadcasting Service	Aug-58
21	Two New BBC Transparencies for Testing Television Camera Channels (Out of Print)	Nov-58
22	The Engineering Facilities of the BBC Monitoring Service	Jan-59
23	The Crystal Palace Band 1 Television Transmitting Aerial	Feb-59
24	The Measurement of Random Noise in the presence of a Television Signal	Mar-59

25	A Quality-checking Receiver for V.H.F. F.M. Sound Broadcasting	Jun-59
26	Transistor Amplifiers for Sound Broadcasting	Aug-59
27	The Equipment of the BBC Television Studios at Ealing	Jan-60
28	Programme Switching, Control, and Monitoring in Sound Broadcasting	Feb-60
29	A Summary of the Present Position of Stereophonic Broadcasting	Apr-60
30	Film Processing and After-processing Treatment of 16-mm Films	May-60
31	The Power Gain of Multi-tiered V.H.F. Transmitting Aerials	Jul-60
32	A New Survey of the BBC Experimental Colour Transmissions	Oct-60
33	Sensitometric Control in Film Making	Dec-60
34	A Mobile Laboratory for UHF and VHF Television Surveys	Feb-61
35	Tables of Horizontal Radiation Patterns of Dipoles Mounted on Cylinders	Feb-61
36	Some Aspects of Optical Lens Performance	Apr-61
37	An Instrument for Measuring Television Signal-to-noise Ratio	Jun-61
38	Operational Research on Microphone and Studio Techniques in Stereophony	Sep-61
39	Twenty-five Years of BBC Television	Oct-61
40	The Broadcasting of Music in Television	Feb-62
41	The Design of a Group of Plug-in Television Studio Amplifiers	Apr-62
42	Apparatus for Television and Sound Relay Stations	Jul-62
43	Propagational Factors in Short-wave Broadcasting	Aug-62
44	A Band V Signal-Frequency Unit and a Correlation Detector for a VHF/UHF Field-strength Recording Receiver	Oct-62
45	Vertical Resolution and Line Broadening	Dec-62
46	The Application of Transistors to Sound Broadcasting	Feb-63
47	Vertical Aperture Correction using Continuously Variable Ultrasonic Delay Lines	May-63
48	The Development of BBC Internal Telecommunications	May-63
49	Apparatus for Measurement of Non-linear Distortion as a Continuous Function of Frequency	Jul-63
50	New Methods of Lens Testing and Measurement	Sep-63

51	Radiophonics in the BBC	Nov-63
52	Stereophony: the Effect of Cross-talk Between Left and Right Channels	Mar-64
53	Aerial Distribution Systems for Receiving Stations in the l.f., m.f., and h.f. Bands	Jul-64
54	An Analysis of Film Granularity in Television Reproduction	Aug-64
55	A Review of Television Standards Conversion	Dec-64
56	Stereophony: the Effect of Interchannel Differences in the Phase/frequency and Amplitude/frequency Characteristics	Dec-64
57	Drop-out in Video-tape Recording	Jun-65
58	Sine-squared Pulse and Bar Testing in Colour Television	Aug-65
59	The Acoustic Design and Performance of a New Free-Field Sound Measurement Room	Sep-65
60	Colorimetric Analysis of Interference in Colour Television	Feb-66
61	Sporadic E Ionisation and Television Interference	Mar-66
62	Automatic monitoring	Apr-66
63	The Design of Transmission lines and Single-stage Switching Circuits for a Line-store Standards Converter	Aug-66
64	Data for the Acoustic Design of Studios	Nov-66
65	Tristimulus Spot Colorimeter	Dec-66
66	VHF Aerial Gain Calculation using Tables of Mutual Resistance Between the Radiating Elements	Feb-67
67	Pulse sound: A System of Television Sound Broadcasting Using Pulses in the Video Waveform	Mar-67
68	Recent Research on Studio Sound Problems	Jul-67
69	A Survey of the Development of Television Test Cards Used in the BBC	Sep-67
70	The Dynamic Characteristics of Limiters for Sound Programme Circuits	Oct-67
71	The Programme Effects Generator	Nov-67
72	Colour Sensitometric Parameters in Colour Film Telerecording	Mar-68
73	Sonic Booms and Other Aircraft Noise in Studios	Apr-68
74	The Non-linear Characteristics of Klystron Amplifiers	Jun-68
75	Pulse-code Modulation for High-quality Sound-signal Distribution	Dec-68

76	The Variable Inductance Frequency Modulator	Dec-68
77	The Automatic Control of Sound-signal Level in Broadcasting Studios	Mar-69
78	Aspects of High-quality Monitoring Loudspeakers	Sep-69
79	F.M. Deviation: Calibration and Measurement by Edge Coincidence Techniques	Dec-69
80	An Automatic Method for the Measurement of Reverberation Time	Dec-69