

International Catalogue of Information on Experimental Music
RADIOPHONIC WORKSHOP EQUIPMENT LISTED FOR INTERNATIONAL CATALOGUE

facilities available in the studios for Experimental Music, Studios.

The facilities are divided in the studios under the following sections:-

- I - Tone sources and electro-acoustic signal generators.
 - a) broadcast standard facilities
 - b) special facilities
 - II - Facilities for Manipulation of electro-acoustic signal.
 - a) and b).
 - III - Recording, reproducing and mixing facilities.
 - a) and b).
 - IV - Special facilities equipment for analysis and synthesis of sound signals.
 - V - Equipment for sound projection equipment.
- Facilities of workshop such as: 1) standard broadcast facilities; 2) special facilities.
Radio-phonie Workshop of the British Broadcasting Corporation (London)

Workshop 1

- I a) 7 sine/square wave generators (Advarce)
 - Sine wave generator (Airmec)
 - White noise generator (R&D&G)
- II a) 1 Wave plate (SMT)
 - 4 high/low pass filters with 9 cut-off frequencies (BBC)
 - 2 variable frequency response control units (BBC)
- b) - Magnetic artificial reverberation apparatus (BBC)
 - Octave filter (ARR)
 - 2 ring modulators (BBC)
 - Limiter (BBC)
- III a) 12-channel mixer with acoustic feedback facilities (BBC)
 - 2 tape recorders, 15 i.p.s. and console (Motosacoche)
 - Tape recorder, 7 1/2 and 15 i.p.s. (Amplex)
 - Tape recorder, 15 and 30 i.p.s. (R&D&G)
 - Tape recorder, 3 to 6 i.p.s. (Reflectograph)
 - 2 tape recorders, 7 1/2 and 15 i.p.s. (Ferrograph)
 - Tape recorder, 1 1/2 and 7 1/2 i.p.s., twin track (Ferrograph)
 - Disc-playing equipment (BBC)
- IV Peak programme meters (BBC)
- V Loudspeakers (BBC)

Workshop 2

- II b) 12 sine/square wave generators (Jason) associated with keying unit and adjustable decay unit (Workshop construction).
 - High stability decade sine wave generator (Muirhead-Wygan)
 - Sine wave generator with frequency modulation (Srfel and Kjaer)
 - Square wave shaper (Muirhead)
 - Rhythmic and guitar with electromagnetic pick-ups.
- I a) 1 Wave plate (SMT) with remote control
 - 4 high/low pass filters with 9 cut-off frequencies (BBC)
 - 2 Variable frequency response control unit (BBC)
- b) - Pierce filter (Albis)
- Octave filter (ARR)

Workshop 21 Cont.

- IV a) Tape recorder, 7½ and 15 i.p.s. (E.M.I., BTR 2)
Tape number, 7½ and 15 i.p.s. (E.M.I., TR 90)
" " , 15 and 30 i.p.s. (RGD)
" " , 3 to 8 i.p.s. (Reflectograph)
2 " " s, 7½ and 15 i.p.s. (Ferrograph)

← Disk-playing equipment (BBC)

- b) 2 Specially designed mixing console with 20 channels each with a pre-set attenuator. 8 channels are normally associated with the 8-track tape recorder. The remaining 12 are low level input channels, with switching facilities making available three types of ~~reverb~~ ^{artificial reverb.} Each channel may ~~also~~ ^{independently} be switched to either of two group faders associated with different filters. Remote control of four tape recorders and acoustic fold-back facilities are included.

8-track tape recorder with continuously variable speed from 0 to 40 i.p.s.; uses 1" tape (Loeven Rich)

TV Oscilloscope (Cossor, double beam)
Peak programme meters (BBC)

V Loudspeakers (BBC)

NOTE There is complete flexibility of interconnection between all equipment and both workshops. 47

Other facilities

- * Adjoining small studio containing treated piano with direct crystal pick up on soundboard and used for recording sound effects, speech inserts and other musical instruments, ~~and~~ ^{available} treated piano with crystal pick up, percussion instruments, etc.
- * Use of main music studios with Multicolor tone electronic organ.
- Use of BBC Recorded Sound Effects Library.
- Use of echo room.

Further facilities to be made available during 1963:-

- 6 tape recorders, 7½ and 15 i.p.s. (Philips)
- Copying and listening room.
- Technical development room.

- * Adjoining small studio containing treated piano with direct crystal pick up on soundboard, and used for recording sound effects, speech inserts, and percussion and other musical instruments.
- * Use of main music studios for recording high quality speech and musical sounds. Instruments available include organ, the specially designed Multicolor tone and ~~other~~ ^{other} electronic organs, ~~electronic organ~~, etc.