



# Would you believe

that a complete factory organization is occupied solely in producing equipment for the sound recording industry in Australia?

The magnitude of this industry can be gauged from the following services and materials utilized to supply the demand for Recording Equipment, Transcription Turntables, Pickups, Microphones and Stands, Recording Blanks and other accessories:

50 highly skilled engineers  
15,000 square feet of factory floor space  
£50,000 worth of precision machinery  
£5,000 worth of test equipment  
200,000 kilowatt hours of electrical energy p.a.  
540,000 cubic feet gas p.a.  
30 tons of aluminium sheet p.a.  
100 tons of steel, brass and copper p.a.  
4,000 miles of magnet wire p.a.  
and £15,000 worth of miscellaneous supplies p.a.

Devoting the whole of its efforts to production in the one field of operation, this Company brings you the finest equipment of its kind at present produced.

This is borne out by the fact that the standards to which this equipment is built fulfil the exacting requirements of the P.M.G.'s Department, which purchases large quantities for installation in the Australian Broadcasting Commission's studios throughout the Commonwealth. In addition, all leading radio stations in Australia and New Zealand, as well as many in Great Britain, Canada, South Africa, Malaya, Burma, India, Netherlands Indies and Japan use this equipment which is now being offered to the public.

Illustrations and descriptions of many of these products will appear in later issues of this journal.

## BYER INDUSTRIES PTY LTD

8 Dorcas Street, South Melbourne, Victoria.

Representatives:

Wm. J. McLELLAN & CO., PTY. LTD.  
Sydney, N.S.W.

A. E. HARROLD,  
Brisbane, Qld.



L. S. WISE & CO.,  
Adelaide, S.A.

CARLYLE & CO. LTD.,  
Perth, W.A.

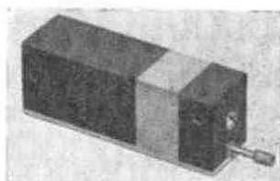
SWAN ELECTRIC CO. LTD., New Zealand.



# If it's Pickups

you require, then the high quality cartridge and the precisely engineered arms illustrated below and used by the A.B.C. studios and leading commercial radio stations, are the answer to your problem.

## PICK-UP CARTRIDGE



### TYPE MC-1

USE: Radio Broadcasting, etc.  
A moving-coil unit of extremely rugged construction. Range: 30 to 8,000 cycles. Low harmonic content.

- Impedance:  $12\frac{1}{2}$  ohms.
- Output Level: -42 dbm.
- Distortion: 2% at 400 c.p.s.

## PICK-UP ARMS

### TYPE S-9

USE: Radio Broadcasting, etc.

- Turn-over head.
- Rugged construction.
- Arm length: 18".
- Bearings: Vertical—ball-race.  
Horizontal—pivot



Designed for MC-1 or standard crystal cartridge. Attractively finished in grey enamel and chrome.

### TYPES S-21 AND S-31

USE: Radio Broadcasting, etc.

- Arm length: 12" and 10", to suit 16" and 12" turntables.
- Bearings: Vertical and horizontal—ball-race.



Designed for MC-1 or standard crystal cartridge. Finished in anodically treated polished aluminium or grey enamel.

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# If it's Transcription

Turntables that have been worrying you, and you have been unable to find one to fulfil your own exacting specifications, then your problem is solved.

Below are illustrated two turntables from our range of finely engineered instruments. Both types are used extensively in the studios of the A.B.C. and leading commercial radio stations in Australia and overseas.

## TRANSCRIPTION TURNTABLES



### TYPES E-12-D AND E-16-H

USE: Radio Broadcasting, etc.

- 12" and 16" dual speed.
- Finger-tip speed change.
- Synchro-silent motor.
- High starting torque.
- Easily-replaceable drive tyre.
- Complete freedom from vibration.

Attractively finished in anodically treated polished aluminium or grey enamel.

### TYPE T-19

- Heavy duty 16" dual speed.
- Eminently suited for recording use.
- Internal rim drive.
- Synchro-silent motor.
- Complete freedom from vibration.
- High synchronous torque at both speeds.
- Simple rotary speed selector.

Attractively finished in anodically treated polished aluminium or grey enamel.

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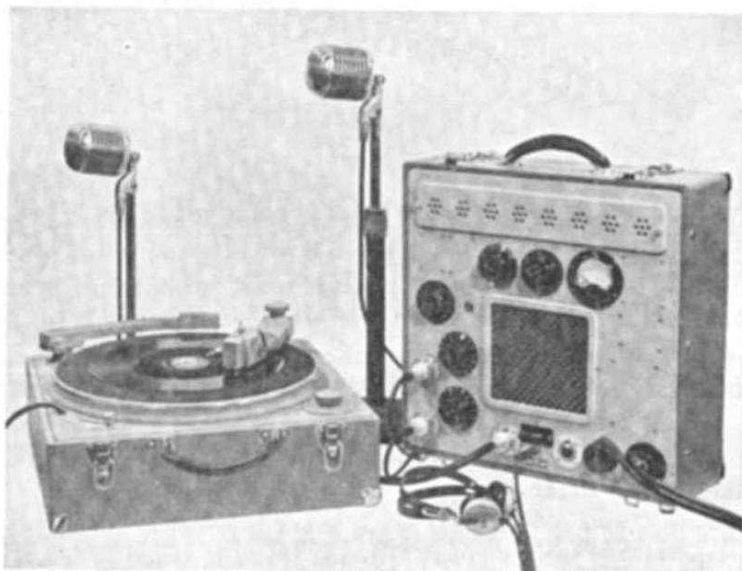
SWAN ELECTRIC CO. LTD., New Zealand.



# If it's Disc Recorders

you seek, the unit illustrated will give you a complete range of recording facilities.

Obtainable in Dual Speed 12" and 16" models as used by many leading radio stations throughout the Commonwealth.



- Records either groove direction.
- Cuts 112 or 224 (microgroove).
- Playing time gauge.
- Undistorted output 10 watts.
- Gain 110 d.b.
- Distortion less than 4%.
- Equaliser — 4 to + 12 d.b.
- Dual Recorder operation.
- Dual input 200 ohms.
- Power level indicator.
- Moving coil pickup.
- Torsion bar cutter.

## BYER INDUSTRIES PTY. LTD.

8 Dorcas Street, South Melbourne, Victoria MX 4238

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