

SERVICE MANUAL AWA MODEL B411

Model B411 is a mains operated modular stereo player of 3 Watts output per channel.

SPECIFICATIONS

Power Output:

Power Supply: Voice Coil Impedance: Pick Up Cartridge: Replacement Stylus:— Replacement Stylus:— 3 watts R.M.S. music power per channel. 240V 50Hz A.C. only 8 ohms. S C 5M B.S.R. C129 Changer. 51D AT 100 Changer.

DISMANTLING B411

Undo 4 PK screws in the rubber feet on the under side of unit, insert a spiked tool in one of the rear screw holes of the bottom cover and pull to remove.

P.C.B. REMOVAL

Remove slider control pot knobs from unit and undo the securing nut and washer from the stereo headphone socket. Stand unit on its side and remove P.C.B. by gently unclipping the P.C.B. mounting legs and lifting clear.

TURNTABLE REMOVAL

Pull off P.U. tags from the strip, also unplug turntable overwind socket from P.C.B. (2 way socket Red and Yellow leads). Undo turntable motor A.C. (Blue and Brown leads) from strip connector. Remove the screw securing mains earth tag. Turn transit screws fully clockwise then prise up locking tongue of clip end of each transit screw. Lift turntable clear of unit.

ESCUTCHEON REMOVAL

Before escutcheon removal can be attempted the P.C.B. must be removed as above. With the unit standing on one end, unclip 6 mounting legs which secure escutcheon facia. Undo the 2 screws securing the mains switch and undo the 3 screws supporting the rear under side of escutcheon. Loosen 2 screws securing the front under side of escutcheon and slide escutcheon out.

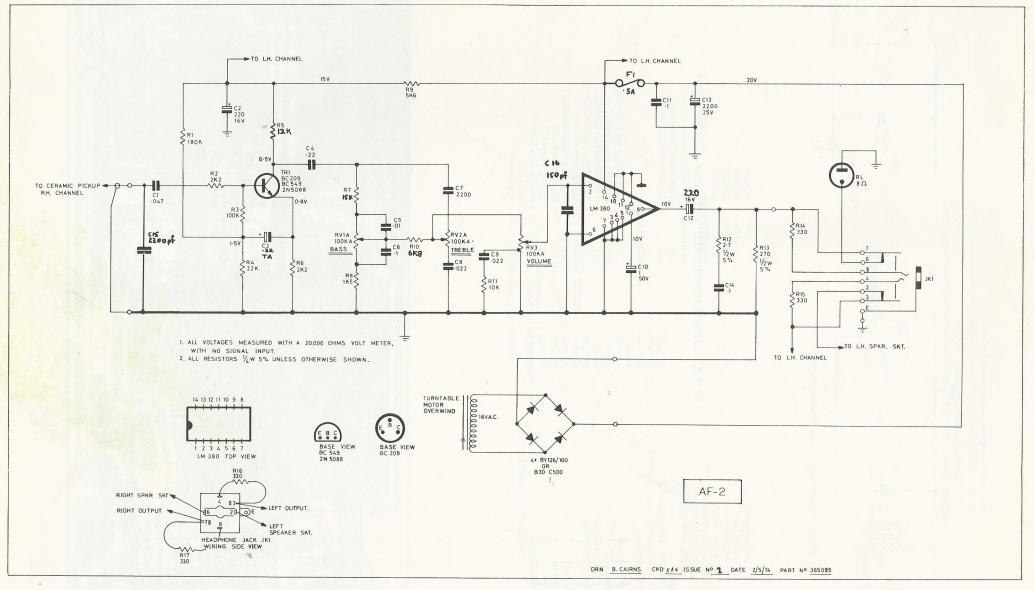
POWER SUPPLY

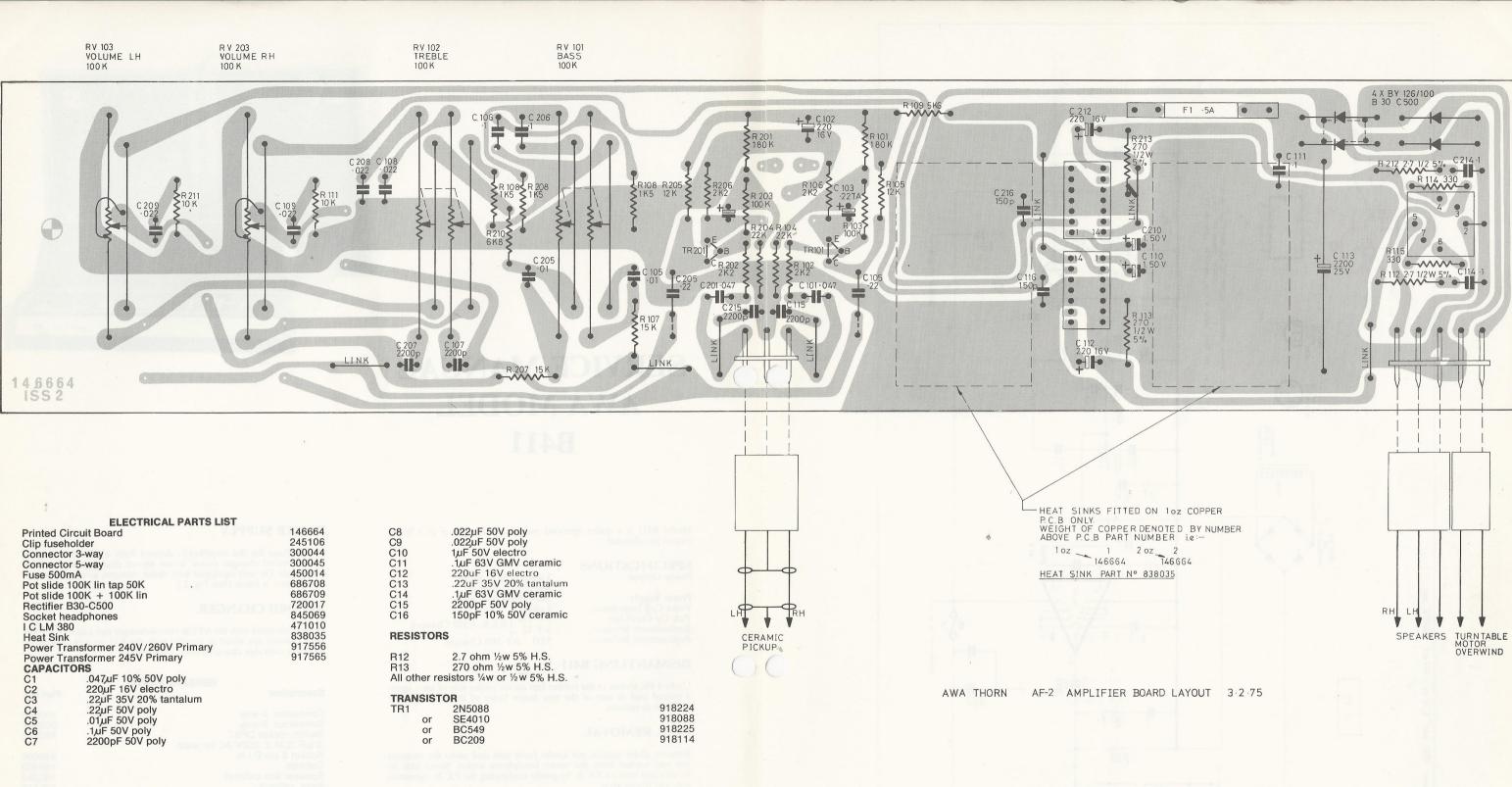
D.C. voltage for the amplifier is derived from a 16 Volt overwind on the record changer motor. Some record changers do not have overwinds. On unit equipped with these changers a separate power transformer is fitted. (See Fig. 2.)

RECORD CHANGER.

On models fitted with the AT100 record changer two additional 220K ohm resistors are wired in parallel with the P.U. to compensate for different cartridge characteristics. (See Fig. 1.)

GENERAL PARTS	
Description	Part No.
Connector, 3-way	300046
Connector, 2-way	300047
Switch rocker DPST	880816
.01µF G.M.V. 350V AC ceramic	
Socket 2 pin D.I.N.	845009
Cabinet	160403
Speaker box cabinet	160253
Base, cabinet	125116
Back, speaker	145183
Badge	146095
Board baffle	146588
Connector strip 2-way	300008
Cover	330105
Hinge strut	469028
Knob control	510223
Lid perspex	557005
Loudspeaker 6"	5600.1
Moulding switch	590013
Moulding lug	590014
Panel top	658209
Panel front	658210
Plug 2 pin D.I.N.	675015
Record changer - B.S.R. C129R	720067
C/W SC5M ceramic cartridge and ST14 stylus.	
Record Changer — Glenburn AT100	720072
Trim Front	920183
Trim Knob	920184





NOTE: Always quote the model number and the part number when ordering replacement parts.

The manufacturers reserve the right to vary specifications and/or materials as may be deemed necessary or desirable at any time.

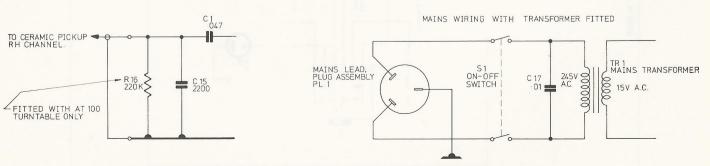


FIG 2

FIG 1
