

(Appendix I)

PARTRIDGE TRANSFORMERS LIMITED

London Offices:

76/78, PETTY FRANCE, WESTMINSTER, S.W.1

Tel. : ABBEY 2244 & 3697

PRICE LIST

JANUARY, 1948

The following list of transformers and chokes having specifications in popular demand are usually held in stock. These can be collected from our offices at all business hours, or post orders can be executed within seven days. However, as it is obviously impossible to meet all requirements from stock, provision has been made to manufacture special items to any specification within 6 to 8 weeks.

A catalogue of data sheets illustrating various mounting styles can be obtained free on application. Reference to the relevant core numbers quoted in this price list will show dimensions, fixing centres and weight of each item.

Kindly Note :—The components mentioned in this price list can be obtained from stock with mounting styles SL or DL according to size. Likewise the prices listed hereto apply to these mounting styles. If alternative mountings are required the components will have to be specially manufactured. If one of the mountings employing a terminal or tag panel is required the additional cost is 20 per cent.

Specification :—All Partridge components comply with the appropriate B.E.S.A. specifications (see preface to catalogue for full details). A copper screen between primary and other windings is provided as a standard feature. The insulation between the various windings and between windings and screen or core is such as to withstand a minimum test pressure of 2000 volts r.m.s. Unless otherwise mentioned all filament windings on mains transformers are centre tapped with the exception of the rectifier winding.

A brief technical resume of the various audio components listed will be found in the New Partridge Manual (5s. post free).

Terms of Business :—**Strictly nett, cash with order. Carriage is charged extra** and should be included. The appropriate cost of postage, etc., can be worked out from the code numbers and weights given on the data sheets. The above delivery times can be guaranteed only if these terms have been met.

Type No.	Specification	List Price	Core No.
MAINS TRANSFORMERS			
W.W./I	150v. 2 m.a., 50v. 50 m.a., 0—4—6.3v.0.3A.	24/-	473A
T250/60/E	250—0—250v. 60 m.a., 4v.1/2A., 4v.2/4A.	24/6	404A
T250/60/A	250—0—250v. 60 m.a., 5v.2A., 6.3v.2A.	24/6	404A
T350/60/E	350—0—350v. 60 m.a., 4v.2½A., 4v.2/4A.	29/-	404B
T350/60/A	350—0—350v. 60 m.a., 5v.2A., 6.3v.4A.	29/-	404B
CRT/I	0—750—1500—2100v. 3 m.a., 0—2—4v., 1A., 2v.1A.	52/-	404B
T350/80/E	350—0—350v. 80 m.a., 4v.2½A., 4v.2/4A., 4v.1A.	37/-	404C
T350/80/A	350—0—350v. 80 m.a., 5v.2A., 6.3v.3A., 6.3v.1A.	37/-	404C
T350/120/E	350—0—350v. 120 m.a., 4v.2½A., 4v.3/6A., 4v.1/2A., 4v.1/2A.	43/-	436A
T350/120/A	350—0—350v. 120 m.a., 5v.2A., 6.3v.4A., 6.3v.2A.	43/-	435A
T350/150/A	350—0—350v. 150 m.a., 5v.2A., 6.3v.3A., 6.3v.2A.	57/-	436B
T425/150/E	425—0—425v. 150 m.a., 4v.2/4A., 4v.6/8A., 4v.1/2A., 4v.1/2A.	57/-	436B
T425/150/A	425—0—425v. 150 m.a., 5v.2/3A., 6.3v.4A., 6.3v.1/2A., 6.3v.1/2A.	57/-	436B
T500/120/E	500—0—500v. 120 m.a., 4v.2/4A., 4v.3/6A., 4v.1/2A., 4v.1/2A.	57/-	436B
T500/120/A	500—0—500v. 120 m.a., 5v.2/3A., 6.3v.4A., 6.3v.1/2A., 6.3v.1/2A.	57/-	436B
T450/225/A	450—0—450v. 225 m.a., 5v.3A., 6.3v.3A., 6.3v.2½A., 6.3v.0.3A. ... no C.T.'s	92/-	435A
EET/I	350—0—350v. 250 m.a., 4v.3A., 4v.8A., 0—2—6.3v.2A., 6.3v.6A. ... no C.T.'s	92/-	435A
Wound to special order only.	500—0—500v. 180 m.a., or equivalent wattage, with 60 watts L.T.	88/-	435A
	500—0—500v. 300 m.a., or equivalent wattage, with 80 watts L.T.	120/-	435B
	1000—0—1000v. 250 m.a., or equivalent wattage with 100 watts L.T.	185/-	437
	1 K.V.A. output	375/-	1KW.1
	2 K.V.A. output	725/-	2KW.1
AUTO TRANSFORMERS FOR STEP-UP OR STEP-DOWN			
A60W	60 watt, auto wound, tapped 0—100—110—200—230—250v.	21/-	404A
A100W	100 watt, auto wound, tapped 0—100—110—200—230—250v.	25/6	404B
A200W	200 watt, auto wound, tapped 0—100—110—200—230—250v.	27/6	436A
Wound to special order only.	400 watt, auto wound	75/-	435A
	600 watt, auto wound	103/-	435B
	1000 watt, auto wound	175/-	437
	2500 watt, auto wound	350/-	1KW.1
CONSTANT INDUCTANCE SMOOTHING CHOKES			
C8/120	8H. 120 m.a. 225 ohms	16/-	401
C25/60	25H. 60 m.a. 560 ohms	16/-	401
C75/25	75H. 25 m.a. 1400 ohms	16/-	401
C22/120	22H. 120 m.a. 350 ohms	21/6	473B
C13/200	13H. 200 m.a. 160 ohms	31/-	404B
C20/250	20H. 250 m.a. 185 ohms	45/-	436A
EEC/2	5H. 250 m.a. 95 ohms	29/-	404A
EEC/3	10H. 80 m.a. 300 ohms	17/-	401
FILTER CHOKE			
45W/FC	250 m.a.	47/-	436A
SWINGING CHOKE			
CF/I	225 m.a.	30/-	404A

PRICE LIST (appendix 2)

Type No.	Specification	List Price	Core No.
HIGH FIDELITY OUTPUT TRANSFORMERS			
PPO/0	Primary 6000 ohms Anode to Anode. Secondary 15 ohms*. Maximum audio power 12—15 watts	52/6	404B
PPO/1	Primary 8000 ohms Anode to Anode. Secondary 15 ohms*. Maximum audio power 12—15 watts	52/6	404B
PPO/2	Primary 10000 ohms Anode to Anode. Secondary 15 ohms*. Maximum audio power 12—15 watts	52/6	404B
PPO/5	Primary 2800 ohms Anode to Anode. Secondary 15 ohms*. Maximum audio power 12—15 watts	52/6	404B
PPO/7	Primary 10000 ohms Anode to Anode. Secondary 30/35 ohms (Voigt speaker). Maximum audio power 12—15 watts	60/-	404B
PPO/9	Primary 9000 ohms Anode to Anode. Secondary 15 ohms*. Maximum audio power 30—35 watts	72/-	436A
PPO/13	Primary 9000 ohms Anode to Anode. Secondary 2 ohms or 8 ohms. Maximum audio power 30—35 watts	72/-	436A
*Output transformers marked thus have sectionalised secondaries brought out in two equal windings of 3.75 ohms for series or parallel connection giving accurate matching for 15 ohms or 3.75 ohms.			
PUBLIC ADDRESS OUTPUT TRANSFORMERS			
PPO/6	Primary 10000 ohms Anode to Anode. Secondary tapped at 5, 7½, 10 and 15 ohms for matching up to ten 15 ohm speakers in parallel (see Manual, page 31). Maximum audio power 12—15 watts	44/-	404B
12W/O/S	Primary 6000 ohms Anode to Anode. Secondary tapped at 15, 22½, 30 and 45 ohms. for matching up to ten 15 ohm speakers in series (see Manual, page 31). Maximum audio power 12—15 watts	44/-	404B
12W/O/P	As above but Secondary tapped at 5, 7½, 10 and 15 ohms for matching up to ten 15 ohm speakers in parallel (see Manual, page 31).	44/-	404B
30W/O/S	Primary 2800 ohms Anode to Anode. Secondary tapped at 15, 22½, 30 and 45 ohms. Maximum audio power 30—35 watts	68/-	436A
30W/O/P	As above but secondary tapped at 5, 7½, 10 and 15 ohms	68/-	436A
45W/O/S	Primary 3400 ohms Anode to Anode. Secondary tapped at 15, 22½, 30 and 45 ohms. Maximum audio power 40—45 watts	90/-	436B
45W/O/P	As above but secondary tapped at 5, 7½, 10 and 15 ohms	90/-	436B
Wound to special order only.	Handling a maximum of 60 watts audio power, wound to suit any circuit combination	125/-	435A
	Ditto, 95 watts audio power	160/-	435B
	Ditto, 150 watts audio power	240/-	437
	Ditto, 300 watts audio power	420/-	1KW.1
MODULATION TRANSFORMERS			
Mod/40/S	Universal modulation transformer for 40 watts speech. Primary tapped 3, 5, 7, 10000 ohms C.T. Secondary tapped 6, 8, 10, 12000ohms	52/-	404B
Mod/80/S	Universal modulation transformer for 80 watts speech. Primary tapped 3, 5, 7, 10000 ohms C.T. Secondary tapped 6, 8, 10, 12000 ohms	76/-	436A
INTERVALVE TRANSFORMERS			
IV60	For matching from valves of approximately 10000 ohms and passing up to 8 m.a.	44/-	404A
IV240	For matching from valves of approximately 3000 ohms and passing up to 25 m.a.	46/-	404B
IV120	High Fidelity Class A intervalve transformer for matching valves as the IV240. Suitable for recording, and other amplifiers, where high quality is essential	60/-	404B
DR/3	Centre tapped driver transformer overall ratio 1.5:1. Suitable for pushpull 6J7's to 6L6's in AB2, etc.	46/-	404B
MU.30§	High Fidelity intervalve transformer employing mumetal core suitable for matching from valves of approximately 20000 ohms impedance	68/-	401
MU.20†	Miniature component similar to MU.30	30/-	402
INPUT TRANSFORMERS			
PU/1†	High Fidelity miniature component employing mumetal core. Tapped primary, suitable for most moving coil pickups	28/6	402
MU.250/600§	600 ohms tapped 250 ohms input transformer employing mumetal core matching into 250000 ohms	68/-	401
L250/600	600 ohms tapped 250 ohms input transformer employing stal'oy core matching into 25000 ohms	40/-	404A
MICROPHONE TRANSFORMERS			
M200/600	Suitable for 200/600 ohm carbon microphones	40/-	404A
M10/40	Suitable for 10/40 ohm moving coil microphones	40/-	404A

Type No.	Specification	List Price	Core No.
TRANSFORMERS AND CHOKES SPECIFIED IN THE NEW PARTRIDGE MANUAL			
2 watt amplifier.			
2W/IV2	Interval transformer (radiometal core)	45/-	401
2W/O2	Output transformer (secondary 15 ohms)	35/-	404A
12 watt P.A. amplifier.			
IV60	Interval transformer	44/-	404A
12W/O/S } 12W/O/P } 12W/M } 12W/SC }	Output transformer	44/-	404B
	Mains transformer	50/-	436A
	Smoothing choke	20/-	473A
45 watt P.A. amplifier.			
IV240	Interval transformer	46/-	404B
45W/O/S } 45W/O/P } 45W/M } 45W/SC } 45W/FC } 45W/BC }	Output transformer	90/-	436B
	Mains transformer	125/-	435B
	Smoothing choke	16/-	401
	Filter choke	47/-	436A
	Bias smoothing choke	16/-	401
Two stage pre-amplifier.			
L2/1	Line transformer	43/6	404B
T.C.1	Tone control choke	40/-	404A
Single stage recording pre-amplifier.			
LG/1§	Input transformer (mumetal) pri. 200 ohms	68/-	401
AL/1§	Output transformer (radiometal) sec. 500 ohms	45/-	401
AC/1	Anode choke (radiometal core)	42/6	401
T350H	Mains transformer	30/-	404A
15 watt amplifier.			
LG/2	Input transformer (mumetal core)	68/6	401
AL/2	Output transformer (secondary 15 ohms)	68/6	404B
Power Pack			
T450/225/A	Mains transformer	92/-	435A
CF/1	Swinging choke	30/-	404A
C13/200	Smoothing choke	31/-	404B
Crossover network.			
	Bass output transformer }	—	404B
	Treble output transformer } to ordering specification	—	473A
	Choke	—	473A
	Set of 3 components with circuit	115/-	—
12 watt quality amplifier described in 1938 Manual.			
IV120	Interval transformer	60/-	404B
12WQ/O	Output transformer (secondary 15 ohms)	52/6	404B
12WQ/M	Mains transformer	88/-	435A
C22/120	Decoupling choke	21/6	473B
C13/200	Smoothing choke	31/-	404B
<i>Output transformers listed above are stocked with secondaries of 15 ohms only. In the case of the 12 watt and 45 watt P.A. amplifiers 15 ohm series or parallel types (see Manual page 31). Alternative secondary windings can of course be supplied to special order at no additional cost.</i>			
MUMETAL BOXES			
Mumetal boxes can be supplied for transformers marked :—			
MU/BOX/401	§Price including assembly†	32/6	—
MU/BOX/402	†Price including assembly†	17/-	—